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Maintenance Resources by Building Use for Installations in Germany

by
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Robert D. Neathammer
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This report is part of a larger research project that has provided improved maintenance resource data for use during the planning, design, and maintenance activities of Army facilities. Data bases have been developed to assist (1) planners in preparing DD Form 1391 documentation, (2) designers in life-cycle cost component selection, and (3) maintainers in resource planning. The data bases are available for use by U.S. Army Corps of Engineers (USACE) designers at the District and installation levels and by resource programmers at USACE Headquarters, and Army Major Commands and installations. These research products may also prove useful to other Government agencies and the private sector.

This report describes the maintenance resources by building use for facilities in Germany. High-cost systems, components, and tasks are identified. This is one of a series of special reports on building maintenance.

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FOREWORD

This research was conducted for Headquarters, U.S. Army Corps of Engineers (HQUSACE) and the Office of the Assistant Chief of Engineers (OACE) under various research, development, testing, and evaluation (RDTE) and reimbursable funding documents. Work began under RDTE funding in 1980 and with reimbursable projects in 1984. The technical monitor for the RDTE part was Mr. Greg Tsukalas (CEHSC-FM-R) and for the reimbursable part was Ms. Val Corbridge (DAEN-ZCZ).

The work was performed by the Facility Systems Division (FS), OF THE U.S. Army Construction Engineering Research Laboratory (USACERL). The USACERL principal investigators were Dr. Edgar Neely and Mr. Robert Neathammer. Dr. Michael J. O'Connor is Chief, USACERL-FS. The USACERL technical editor was Mr. William J. Wolfe, Information Management Office.

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MAINTENANCE RESOURCES BY BUILDING USE FOR INSTALLATIONS IN GERMANY

1 INTRODUCTION

Background

Maintenance* and repair (M&R) cost estimates are needed during planning, design, and operations/maintenance of Army facilities. During planning, life-cycle costs are needed to evaluate alternative ways of meeting requirements (e.g., to lease, undertake new construction, or renovate existing facilities). During design, M&R requirements for various types of components, such as built-up or shingle roofs, are needed so that the life-cycle cost can be minimized. Once the facility has been constructed, outyear predictions of maintenance and repair costs are needed to help program enough funds so that Army facilities are maintained properly and do not deteriorate from lack of maintenance.

The Directorate of Engineering and Construction (EC), Headquarters, U.S. Army Corps of Engineers (HQUSACE),** asked the U.S. Army Construction Engineering Research Laboratory (USACERL) to coordinate the assembly of a single centralized maintenance and repair data base for use by Corps designers. This research was required because designers were not able to obtain reliable maintenance and repair data from installations or from the technical literature to support their life-cycle cost (LCC) analysis. One of the first tasks in the research effort was to determine if reliable data bases, which could be adapted for Corps use, existed in government or private industry. Research showed that comprehensive data bases of maintenance costs for government and private sector facilities did not exist. The little data available always depended on widely varying standards of maintenance was used to maintain only those facilities for which the data was collected. Such data was unreliable for prediction purposes. Recognizing this, HQUSACE asked USACERL to develop a maintenance and repair cost data base for use by U.S. Army Corps of Engineers (USACE) designers in performing LCC analyses during the design of new facilities. Initial results were presented in several USACERL reports.[1]

Soon after this request, the Facilities Programming and Budgeting Branch of the Facilities Engineering Directorate asked USACERL to develop prediction models for outyear maintenance requirements of the Army facility inventory. The Programming Office of EC, responsible for Military Construction, Army (MCA) planning, also requested USACERL to provide methods and automated tools to help installations perform economic analyses, and also to allow analysts to obtain future maintenance cost data.

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* Maintenance in this report means all work required to keep a facility in good operating condition, including all maintenance, repair, and replacement of components required over the life of a facility.

** At the time of this request, EC was part of the Office of the Chief of Engineers, which has since reorganized. In addition, EC has now become the Directorate of Military Programs.

[1] R.D. Neathammer, *Life-Cycle Cost Database Design and Sample Cost Data Development*, Interim Report (IR) P-120/ADA0997222 (U.S. Army Construction Engineering Research Laboratory [USACERL], February 1981); R.D. Neathammer, *Life-Cycle Cost Database: Vol I, Design*, and *Vol II, Sample Data Development*, Technical Report (TR) P-139/ADA126644 and ADA126645 (USACERL, January 1983), Appendices E through G.

In response to these requests, USACERL began a multiyear effort to develop a comprehensive maintenance and repair cost research program for buildings. This coordinated program is the key to all detailed estimation of future maintenance costs for Army facilities.

Research Performed and Reports Published

This is one of several interrelated reports addressing maintenance resource prediction in the facility life-cycle process. The overall research effort is described in a USACERL Technical Report.[2]

The first research product was a data base containing maintenance tasks related to every building construction component. This data base provides labor, material, and equipment resource information, and also includes the frequency of task occurrence. This information is published in a series of four USACERL Special Reports by engineering systems: (1) architectural, (2) heating, ventilating, and air-conditioning (HVAC), (3) plumbing, and (4) electrical. The title for the series is *Maintenance Task Data Base for Buildings.*[3]

Figure 1 shows a typical task data form from this data base. This data is also available in electronic form. The data base is used in a personal computer (PC) system under the Disk Operating System (DOS). This computer program allows a facility to be defined by entering the components and component quantities comprising the facility. The maintenance tasks for each component are used to determine the labor hour, equipment hour,and monetary resources required annually to keep the facility maintained.

The second research product was a component resource summary for the first 25 years of a facility. The tasks for the component were scheduled and combined into one set of annual resource requirements. This annual resource information is published in a series of four USACERL Special Reports titled *Building Component Maintenance and Repair Data Base.*[4] Figure 2 shows an example component summary from this data base. The data base is also available in electronic form. This data can be used to perform special economic analyses such as one for a 20-year life using a 10 percent discount rate.

The third research product was a set of 25-year present worth factor tables for use by designers in selecting components for discount rates of 7 and 10 percent. The annual component resource values were multiplied by the appropriate present worth factor and added for the 25 years to produce one set of resource values. This information is published in a series of four USACERL Special Reports titled

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[2] E.S. Neely, R.D. Neathammer, J.R. Stirn, and R.P. Winkler, *Maintenance Resource Prediction in the Facility Life-Cycle Process*, Technical Report P-91/10/ADA222504 (USACERL, 1991).

[3] E.S. Neely, R.D. Neathammer, J.R. Stirn, and R.P. Winkler, *Maintenance Task Data Base for Buildings: Heating, Ventilation, and Air-Conditioning Systems*, Special Report P-91/21/ADA239954 (USACERL, 1991); E.S. Neely, R.D. Neathammer, J.R. Stirn, and R.P. Winkler, *Maintenance Task Data Base for Buildings: Plumbing Systems*, Special Report P-91/18 (USACERL, 1991); E.S. Neely, R.D. Neathammer, J.R. Stirn, and R.P. Winkler, *Maintenance Task Data Base for Buildings: Electrical Systems*, Special Report P-91/25/ADA240326 (USACERL, 1991).

[4] E.S. Neely, R.D. Neathammer, J.R. Stirn, and R.P. Winkler, *Building Component Maintenance and Repair Data Base for Buildings: Architectural Systems*, Special Report P-91/27/ADA238395 (USACERL, 1991); E. S. Neely, R. D. Neathammer, J.R. Stirn, and R.P. Winkler, *Building Component Maintenance Data Base for Buildings: Heating, Ventilation, and Air-Conditioning Systems*, Special Report P-91/22/ADA236425 (USACERL, 1991); E.S. Neely, R.D. Neathammer, J.R. Stirn, and R.P. Winkler, *Building Component Maintenance and Repair Data Base for Buildings: Plumbing Systems*, Special Report P-91/30/ADA238828 (USACERL, 1991); E.S. Neely, R.D. Neathammer, J.R. Stirn, and R.P. Winkler, *Building Component Maintenance and Repair Data Base for Buildings: Electrical Systems*, Special Report P-91/19/ADA238881 (USACERL, 1991).

Task Code: 0311356

Component: SHINGLES System: ROOFING Subsystem: ROOF COVERING

Task Description: REPLACE NEW OVER EXISTING - SHINGLED ROOF

Unit of Measure: SQUARE FEET Frequency of Occurence: H: 18.00 A: 20.00 L: 22.00

Persons per Team: 2 Task Duration: 0.0150 hours Once every (H,A,L) years

Trade: ROOFER Task Classification: 1

Labor Resources

Subtask Description	
1. SET UP/SECURE/TAKE DOWN LADDER	0.000160
2. REPLACE WITH NEW SHINGLE	0.012887
3. CLEAN UP	0.010000

Material Resources

Description	Quantity	Unit Cost
SHINGLE	1.0 SF	0.2600
MASTIC	1.0 SF	0.1500
		0.4100

SUMMARY

Resources UOM	Direct	Indirect	Total
Labor Hours	0.023047	0.006914	0.029961
Material Cost $	0.410000		0.410000
Equipment Hours			0.014981

Figure 1. Typical task data form.

CACES No.: 031134 - Roll Roofing				031135 - Shingles		
Labor Hours	Materials $	Equipment Hours	YR	Labor Hours	Materials $	Equipment Hours
0.0076	0.0165	0.0039	1	0.0024	0.0220	0.0013
0.0076	0.0165	0.0039	2	0.0024	0.0220	0.0013
0.0090	0.0165	0.0046	3	0.0026	0.0220	0.0014
0.0076	0.0165	0.0039	4	0.0024	0.0220	0.0013
0.0076	0.0165	0.0039	5	0.0032	0.0330	0.0017
0.0090	0.0165	0.0046	6	0.0026	0.0220	0.0014
0.0076	0.0165	0.0039	7	0.0024	0.0220	0.0013
0.0076	0.0165	0.0039	8	0.0024	0.0220	0.0013
0.0090	0.0165	0.0046	9	0.0026	0.0220	0.0014
0.0414	0.7496	0.0207	10	0.0032	0.0330	0.0017
0.0076	0.0165	0.0039	11	0.0024	0.0220	0.0013
0.0076	0.0165	0.0039	12	0.0026	0.0220	0.0014
0.0090	0.0165	0.0046	13	0.0024	0.0220	0.0013
0.0076	0.0165	0.0039	14	0.0024	0.0220	0.0013
0.0076	0.0165	0.0039	15	0.0034	0.0330	0.0018
0.0090	0.0165	0.0046	16	0.0024	0.0220	0.0013
0.0076	0.0165	0.0039	17	0.0024	0.0220	0.0013
0.0076	0.0165	0.0039	18	0.0026	0.0220	0.0014
0.0090	0.0165	0.0046	19	0.0024	0.0220	0.0013
0.0414	0.7496	0.0207	20	0.0332	0.4675	0.0167
0.0076	0.0165	0.0039	21	0.0026	0.0220	0.0014
0.0076	0.0165	0.0039	22	0.0024	0.0220	0.0013
0.0090	0.0165	0.0046	23	0.0024	0.0220	0.0013
0.0076	0.0165	0.0039	24	0.0026	0.0220	0.0014
0.0076	0.0165	0.0039	25	0.0032	0.0330	0.0017

Figure 2. Typical component summary.

Building Maintenance and Repair Data for Life-Cycle Cost Analyses.[5] Figure 3 shows an example LCC analysis from this data base. The data base is also available in electronic form. The first three resource columns provide data to allow designers to calculate the life-cycle costs at any location by multiplying by the correct labor rate, equipment rate, and material geographic factor. The multiplication and addition have been performed for the Military District of Washington, DC, and results are given in the fourth column of the table. The right section of the table is information that can be entered into computer systems that perform life-cycle cost analysis.

A fourth research product was a PC system that allows facilities to be modeled by entering the components that comprise the facility. Future years resource predictions are produced by applying the individual tasks and then forming resource summaries by subsystems, systems, facilities, installations, reporting installations, Major Commands (MACOMS), and Army. A summary level computer system was also developed for use by the Department of the Army (DA) and MACOMS. The summary level system uses the most basic data contained in the current facility real property inventory files: (1) current facility use, (2) floor area, and (3) construction date. User's and system manuals will be published as USACERL ADP Reports.

A fifth research product was a set of data bases described in the report titled *Maintenance Costs by Building Use for United States Installations.* These data bases were developed to predict maintenance resources by building use for installations within the United States.

A sixth research product was another set of data bases described in this report, titled *Maintenance Resources by Building Use for Installations in Germany.* These data bases were developed to predict maintenance resources by building use for installations within Germany.

Objectives

The objectives of this part of the study are to describe the different data bases available for estimating maintenance resources by building use, and to define the components and tasks that generate the highest costs over a building's life.

Approach

The first activity in the research project was to calculate the cost to maintain each individual building modeled according to Army maintenance standards. Buildings at Wildflecken, Hanau, Wuerzburg, and Heidelberg were modeled, and resource calculations predicted for the first 80 or 120 years of the buildings life. Buildings were modeled by visiting each building and measuring the quantity of each component within the building.

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[5] E.S. Neely, R.D. Neathammer, J.R. Stirn, and R.P. Winkler, *Building Maintenance and Repair Data for Life-Cycle Cost Analyses: Architectural Systems,* Special Report P-91/17 /ADA239828 (USACERL, 1991); E.S. Neely, R.D. Neathammer, J.R. Stirn, and R.P. Winkler, *Building Maintenance and Repair Data for Life-Cycle Cost Analyses: Heating, Ventilation, and Air-Conditioning Systems,* Special Report P-91/20/ADA240325 (USACERL, 1991); E.S. Neely, R.D. Neathammer, J.R. Stirn, and R.P. Winkler, *Building Maintenance and Repair Data for Life-Cycle Cost Analyses: Plumbing Systems,* Special Report P-91/24/ADA240160 (USACERL, 1991); E.S. Neely, R.D. Neathammer, J.R. Stirn, R.P. Winkler, *Building Maintenance and Repair Data for Life-Cycle Cost Analyses: Electrical Systems,* Special Report P-91/26/ADA239911 (USACERL, 1991).

EPS BASED MAINTENANCE AND REPAIR COST DATA FOR USE IN LIFE CYCLE COST ANALYSIS ($ PER UNIT MEASURE)

COMPONENT DESCRIPTION		PRESENT WORTH OF ALL 25 YEAR MAINTENANCE AND REPAIR COSTS (d=10%)				PRESENT MAINTENANCE AND REPAIR PLUS HIGH COST REPAIR AND REPLACEMENT COSTS						
		By Resources			Washington D.C. Total	Annual Maintenance and Repair			Replacement and High Costs Tasks			
	um	labor	material	equipment		labor	material	equipment	Yr	labor	material	equipment
ARCHITECTURE												
ROOFING												
ROOF COVERING												
BUILTUP ROOFING	SF	0.03987	0.37166	0.01994	1.25	0.00487	0.03167	0.00244	28	0.04938	0.70490	0.02469
PLACE NEW MEMBRANE OVER EXISTING–BUILDUP									14	0.02414	0.69960	0.01207
MOD. BIT./THERMOPLASTIC	SF	0.02415	0.33069	0.01208	0.86	0.00245	0.03218	0.00123	20	0.05659	0.85860	0.02829
THERMOSETTING	SF	0.01667	0.23941	0.00833	0.61	0.00173	0.02202	0.00086	20	0.03683	0.69960	0.01841
SLATE	SF	0.01809	0.10432	0.00904	0.50	0.00253	0.01458	0.00126	70	0.06885	6.04200	0.03442
CEMENT ASBESTOS	SF	0.01760	0.24341	0.00881	0.63	0.00246	0.03403	0.00123	70	0.05437	0.75190	0.02718
TILE	SF	0.01519	0.20982	0.00759	0.54	0.00212	0.02933	0.00106	70	0.10169	3.07400	0.05084
ROLL ROOFING	SF	0.07156	0.42684	0.03578	2.01	0.00757	0.01556	0.00378	10	0.04141	0.74963	0.02070
SHINGLES	SF	0.02222	0.22132	0.01111	0.71	0.00262	0.02383	0.00131	40	0.04118	0.74497	0.02059
REPLACE NEW OVER EXISTING–SHINGLED ROOF									20	0.02996	0.43460	0.01498
METAL	SF	0.01422	0.11058	0.00711	0.42	0.00199	0.01546	0.00099	30	0.36265	2.17300	0.18132
FIBERGLASS RIGID STP. ROOF	SF	0.02161	1.15262	0.01080	1.63	0.00228	0.06266	0.00114	20	0.04543	6.01550	0.02272
CONCRETE, SEALED PANEL ROOF	SF	0.04260	0.11748	0.02131	1.06	0.00596	0.01642	0.00298	60	0.06123	24.07419	0.03061
CONCRETE, SEALED PANEL RF4	SF	0.03950	0.08408	0.01974	0.96	0.00552	0.01175	0.00276	300	0.04342	24.07419	0.02171
CONCRETE, SEALED POURED	SF	0.09872	0.62996	0.04936	2.81	0.01380	0.08807	0.00690	500	3.81056	18.03219	1.90528
FIBERGLASS, RIGID ROOF	SF	0.03832	1.15262	0.01915	2.00	0.00468	0.06266	0.00234	20	0.04133	6.01550	0.02066

See NOTES on the last page of this table for Explanation of Column Headings

Figure 3. Sample LCC analysis.

The next activity was to group the individual buildings by current use. The resources for the individual buildings were averaged to form several different summary data bases. Each summary data base was designed to be used with different levels of information currently available in the Army Integrated Facilities System (IFS) data base.

The third activity was to determine the high-cost components and tasks for all buildings and for each functional use group. The high-cost tasks and components for the total sample of buildings were compared to the summary from each installation to determine similarities and differences between installations.

Scope

This project included all buildings normally found within a typical Army installation located in Germany. Historic, hospital, and production facilities have not been addressed in this research project.

Mode of Technology Transfer

The tables pertinent to designer use will be issued as a supplement to Technical Manual (TM) 5-802-1, *Economic Studies for Military Construction Design—Applications.* (DA, 31 December 1986). It is anticipated that portions of the data base will be integrated into the Corps of Engineers Cost Estimating system (CACES), and that portions of the database will be integrated into the Department of Defense Form (DD) 1391 Processor System. Data can also be used to produce cost estimates for the Unconstrained Requirements Reports (URR) currently produced by the installations.

2 PROBLEM DEFINITION

In the facility life-cycle process, costs are incurred in construction, operation, maintenance, and disposal of a facility. In the past, emphasis during the planning, design, and construction phases has been placed on estimating only initial construction costs. The impact of operating and maintaining facilities has always been a secondary consideration. In many cases, the operation and maintenance (O&M) costs are far greater than initial construction costs. Because of this, building owners are concerned with the total ownership costs of facilities rather than just the initial construction costs.

The Army has realized the importance of performing total life-cycle cost analyses for facilities at the design stage of accurately forecasting these costs for funds programming. In 1980, HQUSACE asked USACERL to develop a method to estimate future maintenance costs for buildings. In 1982, the programming branch of the former Facilities Engineering Directorate asked USACERL to develop effective models for forecasting facility maintenance resource requirements based on the actual facility.

Life-cycle cost economic studies are an integral part of facility design in the MCA program. Requirements for performing these studies are given in:

- Statutes, Code of Federal Regulations, and Executive Orders for performing analyses when energy is a key cost and for wastewater treatment plants
- USACE *Architectural and Engineering Instructions: Design Criteria*
- Army Regulation (AR) 11-18, *The Cost and Economic Analysis Program* (Department of the Army [DA], 7 May 1990) for general economic analyses.
- TM 5-802-1, *Economic Studies for Military Construction Design—Applications* (DA, 31 December 1986).

The main purpose of these studies is to minimize the life-cycle costs of Army facilities.

To perform life-cycle cost analyses on facility designs, three categories of costs are needed: initial, operation, and maintenance. Initial costs are usually easy to estimate through existing cost estimating systems such as the Corps of Engineers Computer Assisted Cost Estimating System (CACES) and standard publications such as Means or Dodge. Operating costs can be estimated by using energy consumption models such as the Corps of Engineers Building Loads Analysis and System Thermodynamics (BLAST) program or the Trane Company's Trace program. However, accurate estimates of maintenance costs are not available.

There are no comprehensive data bases of maintenance costs for building components either in the private sector or State/Federal Governments. Some historical data is available from the Building Owners' and Managers' Association reports. Within the Army, the Integrated Facilities System (IFS) contains some historical data; however, it does not have a feature for retaining several types of a building component (e.g., having brick and wood exteriors or three types of floor covering). Moreover, the data in IFS has not been kept current. For example, at one installation, several family housing units were shown to have wood siding when, in fact, they had been covered with aluminum siding several years earlier.

3 DATA BASE DEVELOPMENT

Introduction

Four installations in Germany were selected to participate in this research project: Wildflecken, Hanau, Wuerzburg, and Heidelberg. Three tests of the MRPM system were made before the decision was made to release the system to any installation as an optional use computer system. The first test consisted of modeling all family housing and a selection of unaccompanied personnel housing at all installations. The MRPM system was found to work very well on housing facilities; but it was unclear if the system would work as well for other current use codes.

The second test consisted of modeling a sample of all other buildings by functional-use codes. The MRPM system was found to work very well on the sample; but, it was unclear if the system would work as well for an entire installation.

The third test consisted of modeling all major buildings at Wildflecken, Hanau, and Wuerzburg. This test proved that the system could accurately predict resource requirements for a complete installation. The steering committee recommended that the individual facility component MRPM system be made available to installations on a voluntary basis.

The Army steering committee stated that the Army would not invest the resources required to model buildings at additional installations. The steering committee wanted to gain as much useful information as possible and be able to apply this information to the entire Army inventory of building facilities. The only mandatory information available in the Army's Integrated Facilities System (IFS) data base used by the model is: (1) the current use, (2) the construction year, and (3) the floor area. A MRPM system was developed to use these three items to summarize the detailed building resources as described in this report.

The primary objective of the summary system is to predict the resources required to maintain a building by Army standards. Note that the Army does not presently maintain its buildings according to its own standards. Accordingly, it is not the objective of the model to predict resources based upon the current method of maintenance; nor to address the problems that could occur if the required maintenance is not performed. The idea was to have the Army determine the one-time cost to bring a building up to standards and then use the MRPM to predict the resources required to maintain the building in standard operating order.

Not all facility types were found at the modeled installations in Germany. Those remaining facility types were modeled by applying resource projections obtained from previously modeled U.S. facilities. Future research can be performed to replace the extrapolated information.

Facility Groupings

The Army identifies the current use of every facility through the use of a numerical coding system named the "Facility Classes and Construction Categories Codes," or F4C. This five-digit current-use code identifies the building not only by use, such as administration building, but by building occupant, such as company administration building. Research performed for the Long Range Stationing Study and the Real Property Planning System (RPLANS) has shown that certain buildings can be used for many different functions with no alterations. These similar buildings have been combined into the functional group codes

shown in Appendix A. Appendix B contains a listing of each current use code and the associated functional group code. The functional group codes used in this research project are consistent with the other Army systems.

Modeling of Buildings

Complete quantity takeoffs were performed by contract with the Pennsylvania State University. Current as-built drawings were not available. The quantity surveys were performed by walking through the buildings. Every building component, including light switches and plug outlets, were counted and stored for each building. The components and their quantities were entered into the MRPM computer system.

The summary model assumes that all maintenance tasks for a group of components, such as hollow core wooden doors, will be performed on the average frequency specified in the detailed task data base. The system also assumes that the individual tasks for this group of components will be uniformly scheduled between the low and the high frequencies given for each task.

Individual Building Calculation Process

The actual labor shop effective rates and equipment dollar per hour charge rates at each installation were used in the calculations. The Washington, DC, material prices stored in the MRPM system were adjusted by the installation's location adjustment factor given in Appendix C to obtain local material costs.

Labor hour, equipment hour, material cost, labor cost, equipment cost, and total cost resource calculations were performed for the first 120 years for each building. Resources for each task were calculated and then summarized for each component. Resource summaries were formed for the subsystem, system, and the total facility.

All facility cost data at each installation were normalized to the Washington, DC, area by dividing by the appropriate location adjustment factors given in Appendix C. A summary analysis was performed for all buildings regardless of current use. The buildings were also grouped together by the functional group codes shown in Appendix A. A separate analysis was performed for each functional group code.

4 DATA ANALYSIS

Introduction

Several data bases were developed, each requiring different information before that data base could be applied. These data bases were developed to allow maintenance resource predictions to:

1. Predict an annual cost when only the building floor area is known

2. Predict an annual cost when the floor area and the current functional use is known

3. Predict an annual cost when the floor area, current use, and age of the facility are known; report the costs by two categories: replacement tasks and all other tasks combined

4. Predict the total labor hours, equipment hours, labor cost, material cost, and equipment cost when the floor area, current use, age, and average cost for labor and equipment per hour are given

5. Predict the labor hours, equipment hours, labor cost, material cost and equipment cost when the floor area, current use, age, and individual shop costs for labor and equipment per hour are given.

The next task was to determine the components and tasks assumed to be the cost drivers in building maintenance. This information could be used to determine the least amount of data required to be known about a building to develop accurate resource predictions. This information could also be used to identify possible areas of future research to reduce total building maintenance cost. An analysis is required by engineering system, component, and task levels.

Average Building Costs Per Square Foot

The total costs for all years for all buildings were added together and divided by the total square footage of all buildings to produce the average total cost per square foot reported on the first row in Table 1. When the only information available about a building is the square footage, the dollars per square foot reported for all buildings in Table 1 can be multiplied by the square footage to produce a cost estimate.

Average Building Costs Per Square Foot by Current Use

An analysis of each of the functional group codes was performed. The total costs for all years for all buildings having the same current use group code were added together and divided by the total square footage of all buildings in the functional group to produce the average total cost per square foot reported in Table 1. If the current use of the building and the square footage is available, the dollar amount per square foot for the correct current use code can be multiplied by the square footage to produce a cost estimate.

Table 1

Average Cost per Square Foot by Facility Type

Current Use Code	Facility Description	Cost Per Sq Ft
-----	All buildings	1.53
1712000	General instruction buildings	2.66
1713000	Applied instruction buildings *	1.41
1790000	Ranges/Training facilitys	1.34
2111000	Aviation unit maintenance hangars *	2.01
2141000	Organizational vehicle maintenance facilities	1.08
2142000	DS/GS vehicle maintenance shop *	1.80
2145600	Central vehicle wash facilitys	1.08
2180000	Special purpose maintenance shops *	2.81
2190000	Maintenance ← installation O&R *	2.15
4110000	Bulk fuel storage *	2.15
4210000	Ammunition storage facilities *	0.64
4300000	Cold storage facilities *	2.40
4420000	General purpose warehouse	0.93
5101000	Hospital *	1.41
5401000	Dental clinic *	2.74
5501000	Health clinic *	2.37
6105000	General purpose admin.	1.34
7110000	Family housing	2.56
7210000	UPH enlisted personnel	.85
7218100	Trainee barracks *	1.18
7220000	UPH dining facilities	.82
7240000	UPH officers *	1.62
7301000	Community fire station *	1.90
7302000	Chapel center facilities	1.78
7303000	Laundry/Dry cleaning facilitys	.87
7304800	Dependent Grade School	1.38
7307300	Post office	1.34
7401000	Auditorium/theatre facility	1.04
7401100	Bowling center *	1.15
7401400	Child support center	1.67
7402100	Commissary	.90
7402200	Arts and crafts center *	1.30
7402400	Auto crafts center	.81
7402500	Continuing education facility	1.09
7402800	Physical fitness center	1.15
7403200	Transient housing facilities *	2.33
7404600	Consolidated open dining facility	1.36
7405300	Community retail store	.81
7406400	Restaurant/caferteria	1.36
7406900	Recreation buildings	1.46

* No Buildings were modeled in Germany for this Facility Group. Costs are for buildings modeled in the United States.

Average Replacement Task and Other Task Cost Per Square Foot by Current Use

An analysis of each of the functional group codes was performed. The total cost for all replacement and high-cost tasks were added together to form one cost figure for each year or facility age. This total cost is known as the major replacement and high-cost tasks (MRT). The total cost for each year was divided by the total floor area to produce dollar per square foot per year figures.

The total cost for all other tasks (all nonreplacement and all nonhigh-cost tasks) were added together to form one cost figure for each year or facility age. The total cost for each year was divided by the total floor area to produce dollar per square foot per year figures. This cost is known as the annual recurring maintenance cost (ARM). The steering committee voted to change the individual year values into a constant figure by averaging the data for years 11 through 80. The first 10 years were not included because the steering committee indicated that the costs incurred to correct deficiencies in the original construction were comparable to the annual recurring maintenance average. Tables containing this data are shown in Appendix D. Graphs of this data are shown in Appendix E. Both Appendices D and E are arranged by a two-character unit cost identification (ID). Appendix A relates the two character IDs to the current use codes.

The same three pieces of facility information: (1) current use, (2) construction date, and (3) floor area, can be applied to the MRT and ARM unit costs to produce total cost figures.

Engineering System Cost Analysis

Each of the current use facility groups were analyzed separately and a total analysis was performed for all buildings in the research program. The average system cost percentages are summarized by functional groups in Table 2.

Appendix F contains a listing of the systems from the highest cost for all buildings to the lowest-cost system. Appendix G contains graphs of the costs by engineering system. The individual installation rankings and percentage of total cost are shown in the remaining columns of the table. This information is provided to show the variation between the individual installations in both ranking and percentages.

The analysis of the data for all buildings show that interior finishes is the system with the largest percentage of cost at 25.4 percent. Exterior Closure is second with 15.9 percent. The roofing, electrical, and plumbing systems are all similar at 13 percent.

The ranking of the individual systems is fairly consistent from installation to installation. The percentages are very close for the interior finishes as well for most of the other systems, indicating that the average is a good indicator at the installation level.

High-Cost Component Analysis

Each of the current use facility groups were analyzed separately and a total analysis was performed for all buildings in the research program. Appendix H contains a list of all component and task descriptions covered in the data base. Appendix I contains a complete listing of all components from the highest percentage over the period to the lowest percentage for all buildings. This information is useful

Table 2

Percentage of Cost by Engineering System

Current Use Code	Facility Description	03 Roofing	04 Exterior Closure	05 Interior Constr.	06 Interior Finishes	08 Plumbing	09 HVAC	11 Interior Elec.	12 Spec Int Elec Sys
-----	All buildings	13.50	15.90	5.80	25.40	13.20	10.00	10.10	2.60
1230000	Land vehicle dispensing facilities	8.60	13.30	3.30	29.20	14.60	11.70	19.40	0.00
1400000	Land operational facilities	12.90	10.40	2.10	12.70	33.90	6.80	19.70	1.50
1418300	Battalion headquarters buildings	23.40	15.70	8.80	18.70	4.80	11.80	17.60	0.00
1418500	Company headquarters buildings	11.20	20.90	4.60	28.30	6.20	17.20	28.30	0.30
1712000	General instruction buildings	10.90	10.90	.50	19.80	1.20	23.00	32.20	1.60
1713000	Applied instruction buildings	43.30	17.00	.70	12.60	2.30	10.00	13.80	.30
2111000	Aviation unit maint hangars	21.80	16.20	2.30	25.30	3.40	4.80	26.10	0.00
2111100	Aviation intermediate maint hangars	30.00	21.50	1.00	24.70	3.20	6.40	13.30	0.00
2141000	Org vehicle maint facilities	24.70	16.70	1.90	17.60	6.40	11.70	15.50	5.60
2142000	DS/GS vehicle maintenance shop	29.70	17.90	1.40	23.30	5.20	6.70	12.30	3.60
2180000	Special purpose maintenance shops	29.20	11.90	1.90	20.80	7.70	9.00	18.60	1.00
2190000	Maintenance - installation O&R	24.10	16.20	3.00	21.80	7.50	8.00	18.60	.90
4210000	Ammunition storage facilities	23.90	38.70	0.00	20.60	0.00	0.00	16.80	0.00
4300000	Cold storage facilities	10.60	13.60	2.30	13.00	1.50	44.60	14.20	0.00
4420000	General purpose warehouse	28.30	17.20	2.40	24.20	4.10	9.30	12.70	1.80
4424000	Inflammable materials warehouse	40.10	33.60	2.50	17.40	.60	.70	5.30	0.00
4426000	Vehicle storage/parking sheds	54.50	21.70	0.00	14.90	2.40	0.00	6.50	0.00
5401000	Dental clinic	10.20	16.30	8.70	24.80	17.30	4.90	16.10	1.70
5501000	Health clinic	13.10	7.90	8.10	21.80	13.50	6.90	23.40	5.40
6105000	General purpose admin.	10.30	16.40	6.10	28.20	9.40	13.90	13.50	2.20
7111100	Family housing, General Officer	9.00	23.30	12.90	26.10	9.40	5.80	12.90	.60
7111200	Family housing, Colonel	3.80	16.50	18.10	27.20	7.90	6.80	18.50	1.20
7210000	UPH enlisted personnel	6.60	14.70	6.80	25.30	24.90	9.40	10.50	1.80
7220000	UPH dining facilities	12.30	11.60	3.20	28.10	11.90	17.50	14.20	1.10
7240000	UPH officers	4.80	16.80	10.50	44.00	11.00	5.00	7.10	.60
7301000	Community fire station	14.10	17.30	4.30	30.70	6.90	7.40	14.00	5.30
7302000	Chapel center facilities	11.60	34.50	6.20	24.80	4.60	10.70	7.30	.40
7304800	Dependent grade school	19.10	11.90	6.70	7.10	4.80	4.80	13.60	.20
7307300	Post office	21.60	34.20	1.90	22.20	3.40	6.80	10.00	0.00
7401000	Auditorium/theatre facility	22.30	16.80	3.20	27.60	4.90	8.20	14.40	2.40
7401100	Bowling center	34.80	16.70	2.50	28.20	3.50	3.10	11.10	.10
7401400	Child support center	15.60	14.00	4.40	30.20	8.80	10.80	12.70	3.60
7402100	Commissary	17.90	23.60	2.20	21.10	3.50	11.00	10.50	10.10
7402200	Arts and crafts center	26.50	9.10	2.80	20.50	7.20	10.40	23.40	.10
7402400	Auto crafts center	28.30	12.50	1.60	23.30	7.60	11.10	15.50	.10
7402500	Continuing education facility	7.70	17.30	6.30	36.00	4.30	5.30	22.40	.60
7402800	Physical fitness center	20.80	16.20	2.70	33.60	6.60	7.20	12.20	.70
7403200	Transient housing facilities	4.40	13.30	6.50	39.40	14.80	7.50	9.70	4.50
7404100	Library facilities	16.20	19.30	2.20	37.20	3.10	8.70	13.40	0.00
7404600	Consolidated open dining facility	10.50	15.60	4.90	32.60	6.50	8.90	19.20	1.80
7405200	Exchange auto service station	7.30	20.50	2.50	10.00	8.30	4.90	46.50	0.00
7405300	Community retail store	20.70	10.20	2.90	27.80	5.00	12.90	16.70	3.80
7406400	Restaurant/caferteria	14.30	14.40	3.00	26.40	6.20	10.20	20.80	4.50
7406600	Youth center	8.50	11.20	3.70	53.40	4.10	11.90	7.20	0.00
7406900	Recreation building	10.90	17.10	4.20	28.20	6.20	13.10	11.90	8.50
8110000	Electrical power source	3.00	9.50	0.00	2.30	0.60	0.80	10.60	73.10
8130000	Electrical power substation	3.40	13.00	0.00	2.90	2.10	3.70	67.50	7.40
8210000	Heat source	15.50	10.90	1.90	17.40	10.70	26.30	15.70	1.60
8220000	Heat transmission/distribution lines	8.50	7.20	0.90	10.80	23.70	40.20	8.70	0.00
8410000	Water supply	22.10	39.00	0.00	34.20	0.00	0.00	4.80	0.00
8420000	Water distribution system	17.90	25.00	2.10	16.40	3.40	1.30	27.40	6.40

when it is necessary to determine the high-cost components. Appendix J contains the same percentage data given in component order. This data is useful when the percentage for one specific component is desired. Tables containing the high-cost components for the functional groups are shown in Appendix K. The first Table K1 contains the high-cost components for all buildings. The remaining tables in Appendix K are presented by individual functional use codes. This information can be used to justify future research projects that address possible resource reductions through technology advances, productivity improvements, and cost reductions.

An analysis was performed for each functional use code. The total cost for each component during the first 120 years of building life was calculated for each individual installation and for the combination of all installations. The components were listed from the highest- to the lowest-cost component. The components that cost more than 1 percent of the total costs for the combination of all buildings are listed first, and the percentage of the total cost is shown in the third column.

The individual installation rankings and percentage of total cost are shown in the remaining columns of the table. This information is provided to show the variation between the individual installations in both ranking and percentages.

The five highest-cost components for all buildings vary between 3 and 7 percent of the total cost. The 21 components that have percentages greater than 1 percent account for 53.28 percent of the total cost. Most components have very little effect on the total cost of the facility. A comparison of the individual installation rankings and percentages of the totals show a large variation between installations. This indicates that the average data can be used to show trends throughout the Army but should not be used to determine actual installation trends.

Several components cost less than one percent for the combination but greater than one percent for an individual installation. These components are listed last. The percentage of the total is not recorded for these components.

High-Cost Task Analysis

Each of the current-use facility groups were analyzed separately and a total analysis was performed for all buildings in the research program. Appendix H contains a list of all component and task descriptions covered in the data base. Appendix L contains a complete listing of all tasks from the highest percentage over the period to the lowest percentage for all buildings. This appendix is useful when it is necessary to determine the high-cost tasks. Appendix M contains the same percentage data given in task order. This information is useful when the percentage for one specific task is desired. Tables containing the maintenance costs by high-cost tasks are shown in Appendix N. The first Table N1 contains the high-cost tasks for all buildings. The remaining tables are presented by individual functional use codes. This information can be used to justify future research projects that address possible resource reductions through technology advances, productivity improvements, and cost reductions.

An analysis was performed for each functional use code. The total cost for each task during the first 120 years of building life was calculated for each individual installation and for the combination of all installations. The tasks were listed from the highest- to the lowest-cost task. The tasks that cost more than one percent of the total costs for the combination of all buildings are listed first, and the percentage of the total cost is shown in the third column.

The individual installation rankings and percentage of total cost are shown in the remaining columns of the table. This information is provided to show the variation between the individual installations in both ranking and percentages.

The eight highest-cost tasks for all buildings vary between 2 and 5 percent of the total cost. The 19 tasks that have percentages greater than 1 percent account for 39.41 percent of the total cost. Most tasks have very little effect on the total cost of the facility. A comparison of the individual installation rankings and percentages with the totals show a large variation, so that the average data may be used to show trends throughout the Army but should not be used to determine actual installation trends.

Several tasks cost less than 1 percent for the combination, but more than 1 percent for an individual installation. These tasks are listed last. The percentage of the total is not recorded for these tasks.

Statistical Evaluation Data

The unit costs were developed by Richardson and Kirmse, Inc., Roanoke, Virginia. The statistical evaluation data is given in Appendix O. Data includes the age of the building, the mean value for the unit costs, the standard deviation, and the 90 percent confidence level.

5 CONCLUSIONS AND FUTURE RESEARCH

Data Bases

Each of the summary data bases developed from the individual facilities studied in this research program can be used to predict the average resources required to maintain a building according to the Army standard maintenance procedures. This data can be used to help develop planning documents such as the Department of Defense Form 1391. The data can also be used to predict future resource requirements within the Directorate and Housing.

Further research is needed to modify the average figures to account for such factors as:

1. Travel distances from shop to buildings

2. Weather factors such as:
   a. Temperatures
   b. Freeze-thaw cycles
   c. Winds
   d. Hail storms
   e. Sand storms
   f. Precipitation

3. Installation maintenance program

4. Occupant effects including:
   a. Hard use
   b. Abuse
   c. Vandalism.

Additional research is required to determine the effects of the variance of task frequency, labor hours, equipment hours, and material costs.

High-Cost Components and Tasks

The high-cost component and task data bases can be used as a starting point to determine possible areas for new research. A researcher can explore the probability of success of a new research venture in the high-cost task or component area. The probability can be multiplied by the percentage of costs to determine the probable cost savings from the new research. If this approach is used by all research projects in an organization, a rational approach to scheduling research could be developed.

Army Standard Resource Predictions Versus Actual Requirements

The basic premise underlying this research is that the Army can bring a building up to standards by the application of a one-time expenditure of funds and then use the MRPM data bases to predict the costs to keep the building maintained to Army Maintenance standards. In reality, buildings are not presently being maintained to Army standards and may not be brought up to Army standards. Research

is needed to determine the actual variations between the standards and actual field practices. The activities and resources required to perform this research need to be identified.

Use of Available Data

This research has given the Army several different data bases that allow the average resource requirements to be estimated based upon the very limited amount of data currently available in the Army IFS data base. Further research to consider other factors not available in the IFS data base but easily available to the installation could further improve the resource predictions.

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APPENDIX A: Unit Cost Tables by Function and Unit Cost ID List

Table categories used in this appendix are:

- Group — Proposed new F4C groupings for facilities
- Current Use Code — The F4C code given in AR 415-28 (DA, 1 November 1981) *Facility Classes and Construction Categories.*
- Description — Title of the group and current use codes
- Unit Cost IDs — Two characters that identify the correct unit cost table
- Germany — Includes all buildings within this category.

List categories used in this appendix are:

- Unit Cost ID — Two characters that identify the correct unit code cost table
- Description — Title of the group and current use codes.

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
170		TRAINING/INSTR BUILDINGS	
17120		GEN INSTRUCTION BLDG	GA
17120	17120	GEN INST BLDG	GA
17120	17131	POST SIG SCHOOL	GA
17120	17174	LEARN RES CTR	GA
17120	17190	OTHERS	GA
17130		APPLIED INSTRUCTION BLDG	UB
17130	17110	AC TRAINER BLDG	UB
17130	17110	FLT SIM BLDG	UB
17130	17115	BAND TNG BLDG	UB
17130	17130	APPLIED INST BLDG	UB
17130	17140	ARMY RES CENTER	UB
17130	17142	NG RES CTR BLDG	UB
17130	17180	NG ARMORY	UB
17130	17182	TGT MOV SIM BLDG	UB
179		RANGES/TRAINING FACS	GN
179	17901	BSC 25M FIRE RG	GN
179	17902	AUTOMATED FLD FIRING RG	GN
179	17903	AUTOMATED RECORD FIRE RG	GN
179	17907	SNIPER TRN FLD FIRE RG	GN
179	17909	MG 10 METER RG	GN
179	17910	MG TRANSITION RG	GN
179	17912	FIRING FROM MOVING APC	GN
179	17917	GRENADE LCHR RG	GN
179	17923	MOUT CFT RG	GN
179	17928	COMBT PISTOL RG	GN
179	17930	TK GNRY 1:30 AND 1:60	GN
179	17931	TK GNRY 1:5 AND 1:10	GN
179	17932	TK GNRY STATIONARY	GN
179	17933	TK CREW CMBT FIRING CLS	GN
179	17937	AERIAL GUNNERY	GN
179	17942	FLD ARTY FIRING RG	GN
179	17943	AD ARTY FIRING RG	GN
179	17946	OPTIONAL RG'S	GN

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
179	17904	NIGHT FIRE RG	GN
179	17905	AUTO RIFLE RG	GN
179	17908	TGT DETECT RG	GN
179	17911	MG M60 & M2 RG	GN
179	17913	HD GR FAMILIAR	GN
179	17914	HD GR ACCURACY	GN
179	17915	HD CR ASLT QUAL	GN
179	17916	HD GR CONFIDEN	GN
179	17918	RECOIL RIFLE RG	GN
179	17919	LT ANTIAR WP RG	GN
179	17920	ANTIAR TRACK RG	GN
179	17921	DEMO BT&LM AR	GN
179	17922	FLAS & FLMTH RG	GN
179	17924	MORT SCAL TR RG	GN
179	17925	MORTAR RANGE	GN
179	17926	INF SQD BTL CSE	GN
179	17927	INF PLT BTL CSE	GN
179	17929	SUBMACH GUN RG	GN
179	17934	TK PLT BTL RUN	GN
179	17936	GUNSHIP HARM RG	GN
179	17939	IMPACT AREA	GN
179	17945	FLD ART RG	GN
179	17950	COLLECTIVE TRN SITES	GN
	17986	MANEUVER AREA	GN
210		AVIATION MAINTENANCE	UC
21110		AVIATION UNIT MAINTENANCE HANGAR	UC
21110	14112	AVN OPS BLDG	UC
21110	21110	MNT HANGAR AVUM	UC
21110	21740	AVIONICS MNT SHP	UC
21110	44212	AC PTS & TOE ST	UC
21111		AVIATION INTERMEDIATE MAINT HANGAR	UC

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
21111	21111	INT MAINT HGR - AVIM	UC
21111	21112	MNT HANGAR COMB	UC
21111	21115	QUAL ASSUR FAC	UC
21111	21120	AC FLD MNT SHOP	UC
21111	21130	AC PAINT SHOP	UC
21111	21140	AC ENG TEST FAC	UC
21111	44210	AC PTS STR BLDG	UC
21111	44211	ACFT ACCT PTS STOR	UC
21111	21190	OTHER	UC
214		VEH/INSTL MAINTENANCE	
21410		ORGANIZATIONAL VEH MAINT FAC	GD
21410	21407	NG VEH MAINT SHOP	GD
21410	21408	COMPT CLEAN FAC	GD
21410	21409	AR VEH MNT SHOP	GD
21410	21410	VEH MNT SH ORG	GD
21410	21470	OIL STORAGE BLG	GD
21410	21510	SM ARMS REP SH	GD
21410	21520	LIGHT GUN SHOP	GD
21410	21530	HEAVY GUN SHOP	GD
21410	21710	ELEC MNT SHOP	GD
21410	21712	ELC/COM CAL FAC	GD
21410	21722	E/C CLEAN FAC	GD
21410	21730	RADAR MNT SHOP	GD
21420		DS/GS VEHICLE MAINTENANCE SHOP	UE
21420	21420	VEH MNT SHOP DS	UE
21420	21430	VEH MNT SHOP GS	UE
21420	21435	REBD SH & FAC	UE
21420	21440	VEH C/REB DEP	UE
21420	21532	WEAPON QA FAC	UE
21420	21540	SP WPNS SHOP	UE
21420	21590	OTHER	UE
21420	21732	E/C QUAL AS FAC	UE
21420	21790	OTHER	UE
21420	21850	BATTERY SHOP	UE
21420	21872	QUAL ASSUR FAC	UE
21420	21880	CML FLD MNT SH	UE
21456	21880	CENTRAL VEHICLE WASH FACILITY	GD

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
21456	21456	WASH FAC CEN	GD
21456	21457	PRE-WASH CEN	GD
21456	21458	ST CLEAN FAC	GD
21456	21459	OC&L FAC CONV	GD
21456	21886	VEHIL WASH SHOP	GD
21800		SPECIAL PURPOSE MAINTENANCE SHOPS	UF
21800	21815	NTOE SUP MNT SH	UF
21800	21870	STH SPARE PARTS	UF
21800	21882	QM REPAIR SHOP	UF
21800	21883	MTL & WDWK SHOP	UF
21800	21884	AIR DEL EQP SH	UF
21800	21885	MNT SH GEN PURP	UF
21800	21887	OPT REPAIR SHOP	UF
21800	21888	CAN/LEATH SHOP	UF
21800	21889	CALIBRATION FAC	UF
21900		MAINTENANCE - INSTALLATION O&R	UG
21900	21910	FE MAINT SHOP	UG
21900	21912	TIMBR TREAT FAC	UG
21900	21920	FE FACILITY	UG
21900	21922	ENTOMOLOGY FAC	UG
21900	44228	INSECTICIDE STR	UG
400		SUPPLY FACILITIES	UG
41100		BULK FUEL STORAGE	UG
41100	41110	MARINE FUEL STRG	UG
41100	41120	AVGAS STORAGE	UG
41100	41121	JET FUEL STORAGE	UG
41100	41130	DIESEL OIL STRG	UG
41100	41140	GASOLINE STRG	UG
41100	41180	HEATING FUEL STRG	UG
41100	41190	OTHER	UG
42100		AMMUNITION STORAGE FACILITIES	UH

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
42100	14170	TRF DEPOT EXPLO	UH
42100	42107	STRAND-NON ATOM	UH
42100	42110	FUSE DET MAG BK	UH
42100	42120	HI EXPLO MAG BK	UH
42100	42140	SMKEDRM STHS BK	UH
42100	42150	SMKLS PO MAG BK	UH
42100	42160	SP WPNS MAG BK	UH
42100	42170	GM MAGAZINE BK	UH
42100	42180	IGLOO STORAGE	UH
42100	42182	SMALL ARMS MAG	UH
42100	42183	GEN PURPOSE MAG	UH
42100	42184	AMMO HUT	UH
42100	42190	OTHER	UH
42100	42210	FUSE DET MAG	UH
42100	42215	HIGH EXPLO MAG	UH
42100	42221	STL ARCH MAG BK	UH
42100	42225	SMOKEDRUM STRHS	UH
42100	42230	SM ARM PYRO MAG	UH
42100	42235	READY MAGAZINE	UH
42100	42240	FIXED AMMO MAG	UH
42100	42250	SP WEAPONS MAG	UH
42100	42260	GM MAGAZINE	UH
42100	42280	IGLOO STORAGE	UH
42100	42281	AMMO HUT	UH
42100	42283	GEN PURP MAG	UH
42100	42285	UNIT SM ARM STR	UH
42100	42290	OTHER	UH
42100	44160	RADA STOR WHSE	UH
43000		COLD STORAGE FACILITIES	UI
43000	42410	COLD STOR BTRY	UI
43000	43110	COLD STOR WHS	UI
43000	43111	COLD STOR EQUIP	UI
43000	43210	COLD STOR WHSE	UI
43000	43211	CSE I & R WHSE	UI
43000	43212	COLD STOR EQPT	UI
43000	43220	MEAT CUT PLANT	UI
43000	43230	REFRIG WH PERSH	UI
43000	43231	CSE I & R PERSH	UI
43000	43290	OTHER	UI
44200		GENERAL PURPOSE WAREHOUSE	GJ

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
44200	14133	SHIP & REC	GJ
44200	14140	CARE & PRES SH	GJ
44200	14150	BOX & CRATE SH	GJ
44200	14160	BL & BAND FAC	GJ
44200	15610	CARGO FAC/BLDG	GJ
44200	17160	TNG AIDS CENTER	GJ
44200	21640	DUNNAGE BLDG	GJ
44200	42181	STOREHOUSE	GJ
44200	42231	STOREHOUSE	GJ
44200	44110	GEN PURP WHSE	GJ
44200	44170	UG STORAGE FAC	GJ
44200	44180	OPEN WHSE FAC	GJ
44200	44219	STEEL STORE FAC	GJ
44200	44220	GEN PURPSE WHSE	GJ
44200	44221	TARGET STORAGE	GJ
44200	44222	STORAGE SHED	GJ
44200	44224	DEPLOY STGE BG	GJ
44200	44226	SUP MAINT WHSE	GJ
44200	44250	WG STORAGE FAC	GJ
44200	44261	LUM & P SHED FE	GJ
44200	44270	GEN STOREHOUSE	GJ
44200	44271	GEN STOR FH	GJ
44200	44275	FE STOREHOUSE	GJ
44200	44276	STR MAT HAND EQ	GJ
44200	44280	OPEN WAREHOUSE	GJ
44200	44285	SALV & SUR PROP	GJ
44200	44286	DIV BRKD BLDG	GJ
44200	74055	EXCH WAREHOUSE	GJ
44200	74081	SELF SV SUP CTR	GJ
44230		CONTROLLED HUMIDITY WAREHOUSE	GJ
44230	44230	CONT HUMID WHSE	GJ
44230	44130	CONT HUMID WHSE	GJ
44230	44225	MED SUPPLY WHS	GJ
44240		INFLAMMABLE MATLS WAREHOUSE	GJ
44240	44240	INFLAM MAT STHS	GJ
44240	41170	LUBNT STR FAC	GJ
44240	44150	INFLAM MAT STHS	GJ
44240	44215	OXY STORAGE FAC	GJ
44240	44217	ACETYL STOR FAC	GJ
44240	44245	AC INFLAM STORE	GJ

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
44260		VEHICLE STORAGE/PARKING SHEDS	GJ
44260	44260	TRANSIT SHED	GJ
44260	44262	VEHICLE STORAGE	GJ
44260	44181	VEHICLE STR FAC	GJ
51010		HOSPITAL	UK
51010	51010	HOSPITAL	UK
51010	51020	HOSPITAL CLINIC	UK
51010	51090	OTHER	UK
51010	53020	LABORATORY	UK
51010	53030	MORGUE	UK
54010		DENTAL CLINIC	UL
54010	54010	DENTAL CLINIC	UL
54010	54090	OTHER	UL
55010		HEALTH CLINIC	UM
55010	55010	CLINIC W/O BDS	UM
55010	55020	CLINIC WITH BEDS	UM
55010	55030	H/D Cl W/O BDS	UM
55010	55040	H/D Cl WTH BDS	UM
55010	55090	OTHER	UM
650		ADMINISTRATION	UM
14182		BDE LEVEL HQ BLDG	UM
14182	14182	RGT/BDE HQ BLDG	UM
14182	14184	GP HQ BLDG	UM
14183		BATTALION HEADQUARTERS BLDG	UM UM
14183	14183	BN HQ BLDG	UM
14183	17150	BN CLASSROOMS	UM
14183	17151	BN ADMIN & CLRM	UM
14185		COMPANY HEADQUARTERS BLDG	UM UM
14185	14185	CO HQ BLDG	UM
14185	72330	ADM & SUP BLDG	UM
61050		GENERAL PURPOSE ADMIN	GN

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
61050	14114	CIDC FIELD OP OFF	GN
61050	14125	RECPT STA PROCESS	GN
61050	14131	GEN PURPOSE	GN
61050	14180	SCALE HOUSE	GN
61050	61011	POST HEADQUARTERS	GN
61050	61012	DIVISION HEADQUARTERS	GN
61050	61018	ARMY HEADQUARTERS	GN
61050	61020	CHEMICAL	GN
61050	61021	ENGINEER	GN
61050	61022	ORDNANCE	GN
61050	61023	SUPPLY SERVICE	GN
61050	61024	SIGNAL	GN
61050	61025	MEDICAL	GN
61050	61026	TRANSPORTATION CO	GN
61050	61027	FINANCE	GN
61050	61028	PROVOST & MP	GN
61050	61030	EXCHANGE	GN
61050	61031	AUTODATA PROCESS	GN
61050	61040	CIVILIAN PERSONNEL	GN
61050	61041	MILITARY PERSONNEL	GN
61050	61050	GEN PURP ADMIN	GN
61050	61060	R&D ACTIVITIES	GN
61050	61061	DETACH OFF, FHSG	GN
61050	61065	TECHNICAL LIBRARY	GN
61050	61090	OTHER	GN
61050	62010	UNDERGROUND	GN
61050	73016	POLICE STATION	GN
61050	74023	CREDIT UNION	GN
61050	74071	RED CROSS BLDG	GN
711		FAMILY HOUSING	
71100		FAMILY HOUSING	HT

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
71100	71111	GENERAL	HT
71100	71112	COLONEL	HT
71100	71113	LTC/MAJOR	HT
71100	71114	COM GRD/WO	HT
71100	71115	NCO/ENLISTED	HT
71100	71116	CIV/GS16-GS18	HT
71100	71117	CIV/GS12-GS15	HT
71100	71118	CIV/GS7-GS11	HT
71100	71119	CIV/GS5-GS6	HT
71100	71121	GENERAL	HT
71100	71122	COLONEL	HT
71100	71123	LTC/MAJOR	HT
71100	71124	COM GRD/WO	HT
71100	71125	NCO/ENLISTED	HT
71100	71126	CIV/GS16-GS18	HT
71100	71127	CIV/GS12-GS15	HT
71100	71128	CIV/GS7-GS11	HT
71100	71129	CIV/GS5-GS6	HT
71100	71131	GENERAL	HT
71100	71132	COLONEL	HT
71100	71133	LTC/MAJOR	HT
71100	77134	COM GRD/WO	HT
71100	71135	NCO/ENLISTED	HT
71100	71136	CIV/GS16-GS18	HT
71100	71137	CIV/GS12-GS15	HT
71100	71138	CIV/GS7-GS11	HT
71100	71139	CIV/GS5-GS6	HT
71100	71141	GENERAL	HT
71100	71142	COLONEL	HT
71100	71143	LTC/MAJOR	HT
71100	71144	COM GRD/WO	HT
71100	71145	NCO/ENLISTED	HT
71100	71146	CIV/GS16-GS18	HT
71100	71147	CIV/GS12-GS15	HT
71100	71148	CIV/GS7-GS11	HT
71100	71149	CIV/GS5-GS6	HT
71100	71160	CIV/UNDESIG	HT
71100	71190	OTHER	HT
720		UPH/DINING	
72100		UPH ENLISTED PERSONNEL	GO

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
72100	72110	ENL BRKS W/MESS	GO
72100	72111	ENL BRKS (UPH)	GO
72100	72112	ENL BRKS W/AS	GO
72100	72113	ENL BRKS W/D&AS	GO
72100	77120	ENL BRKS TRANS	GO
72100	72140	CIV DORMITORY	GO
72100	72180	SR ENL QTRS	GO
72100	72190	UNDEFINED	GO
72114		ENL BRKS AN TRN AND MOB	GO
72114	72114	ENL BRKS AN TRN	GO
72114	72115	ENL BRKS MOB	GO
72181		TRAINEE BRKS	UP
72181	72181	TRAINEE BRKS	UP
72200		UPH DINING FACILITIES	GQ
72200	72210	ENL DIN FAC	GQ
72200	72220	OFF DIN FAC	GQ
72200	72290	UNDEFINED	GQ
72400		UPH OFFICERS	UR
72400	72410	UPH OFF BRKS	UR
72400	72411	UPH OFF BRKS	UR
72400	72415	UPH OFF BRKS	UR
72400	72430	UPH CIV BRKS	UR
700		COMMUNITY FACILITIES	UR
73010		COMMUNITY FIRE STATION	US
73010	14111	AF FIRE RSQ STA	US
73010	73010	COMMUNITY FIRE STATION	US
73015		CONFINEMENT FACILITY	HA
73015	72150	DETENTION BRKS	HA
73015	73014	CORRECTIONAL FAC	HA
73015	73015	CONFINEMENT FACILITY	HA
73020		CHAPEL CENTER FACILITIES	GT
73020	73017	CHAPEL	GT
73020	73018	RELIG ED FAC	GT
73020	73019	UNIT CHAP	GT
73020	73020	CHAPEL CENTER FACILITIES	GT

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
73030		LAUNDRY/DRY CLEANING FACILITY	UU
73030	73030	LAUNDRY/DRY CLEANING	UU
73030		FACILITY	UU
73030	73031	DRYCLEANING FAC	UU
73048		DEPENDENT GRADE SCHOOL	HB
73048	73047	KINDERGARTEN	HB
73048	73048	DEPENDENT GRADE SCHOOL	HB
73049		DEPENDENT HIGH SCHOOL	HB
73049	73044	MIDDLE SCHOOL	HB
73049	73046	JR HIGH SCHOOL	HB
73049	73049	DEPENDENT HIGH SCHOOL	HB
73073		POST OFFICE	HC
73073	73072	BRANCH POST OFFC	HC
73073	73073	POST OFFICE	HC
74010		AUDITORIUM/THEATER FACILITY	GW
74010	74010	AUDITORIUM/THEATER FACILITY	GW
74010	74026	ENTERTAINMENT WORKSHOP	GW
74010	74027	DRAMA CENTER	GW
74010	74043	MUSIC CENTER	GW
74010	74076	THEATER W/DRSRM	GW
74010	74077	THEATER	GW
74011		BOWLING CENTER	UX
74011	74011	BOWLING CENTER	UX
74014		CHILD SUPPORT CENTER	GY
74014	77014	CHILD SUPPORT CENTER	GY
74014	73045	NURSERY	GY
74021		COMMISSARY	GZ
74021	74021	COMMISSARY	GZ
74022		ARTS & CRAFTS CENTER	U1
74022	74003	AUDIO/PHOTO CLUB	U1
74022	74022	ARTS & CRAFTS CENTER	U1
74024		AUTO CRAFTS CENTER	G7

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
74024	74024	AUTO CRAFTS CENTER	G7
74024	74037	AUTO CRAFTS ANNX	G7
74025		CONT EDUCATION FAC	G2
74025	74025	CONT EDUCATION FAC	G2
74028		PHYSICAL FITNESS CENTER	G3
74028	74028	PHYSICAL FITNESS CENTER	G3
74028	74034	PHYS FITNESS CTR/GYM	G3
74028	74072	INDOOR SWIM POOL	G3
74028	74086	HANDBALL CTS (ID)	G3
74032		TRANSIENT HOUSING FACILITIES	U4
74032	74032	TRANSIENT HOUSING FACILITIES	U4
74032	74035	O/S TRANS BILLET	U4
74032	73036	REC BILLETS	U4
74033		COMMUNITY SVCS CTR (ACS)	U4
74033	74033	COMMUNITY SVCS CTR (ACS)	U4
74041		LIBRARY FACILITY	U4
74041	74040	LIBRARY BRNCH	U4
74014	74041	LIBRARY FACILITY	U4
74014	74044	LIBRARY SVC CTR	U4
74046		CONSOLIDATED OPEN DIN FAC	G5
74046	74015	CIVILIAN CLUB	G5
74046	74046	CONSOLIDATED OPEN DIN FAC	G5
74046	74047	NCO OPEN DINING FAC	G5
74046	74048	OFF OPEN DIN FAC	G5
74052		EXCHANGE AUTO SERVICE STA	G5
74052	74052	EXCHANGE AUTO SERVICE STA	G5
74053		COMMUNITY RETAIL STORE	G7
74053	74020	EXCH CLOTHING ST	G7
74053	74050	EXCH BRANCH	G7
74053	74053	COMMUNITY RETAIL STORE	G7
74053	74056	EXCH SVC OUTLET	G7
74053	74057	EXCH SUPT FAC	G7
74053	74078	THRIFT SHOP	G7
74053	74084	CLASS VI STORE	G7
74064		RESTAURANT/CAFETERIA	G5

UNIT COST TABLES BY FUNCTION			
Group	**Current Use Code**	**Description**	**Germany**
74064	74012	CAFETERIA	G5
74064	74013	CANTEEN	G5
74064	74051	EXCH CAFETERI .	G5
74064	74060	LUNCH ROOM	G5
74064	74062	SNACK BAR	G5
74064	74064	RESTAURANT/CAFETERIA	G5
74066		YOUTH CENTER	G5
74066	74066	YOUTH CENTER	G5
74069		RECREATION BUILDING	HE
74069	74008	BILLIARDS FAC	HE
74069	74065	MOR SUPT ACT OFF	HE
74069	74067	ROD/GUN CLUB	HE
74069	74068	RECREATIONAL ACTIVITIES CTR	HE
74069	74069	RECREATION BLDG	HE
74069	74074	SCOUT BLDG	HE
74069	74088	UNIT RECREATION CENTER	HE
75000		OUTDOOR COURTS	HE
75000	75010	TENNIS COURTS	HE
75000	75011	MULTIPLE COURTS	HE
75000	75030	OUTDOOR POOL	HE
75020		OUTDOOR PLAYING FIELDS	HE
75020	75020	OUTDOOR PLAYING FIELDS	HE
75020	75021	SOFTBALL FIELDS	HE
75020	75022	FOOTBALL FIELDS	HE
75020	75023	SOCCER FIELDS	HE

UNIT COST ID CODE	DESCRIPTION
G2	GERM CONTINUING EDUCATION
G3	GERM PHYSICAL FITNESS CENTER
G5	GERM CONSOLIDATED OPEN DINNING
G7	GERM RETAIL STORE
GA	GERM GENERAL INSTRUCTIONAL BUILDINGS
GD	GERM ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
GJ	GERM GENERAL PURPOSE WAREHOUSE
GN	GERM GENERAL PURPOSE ADMINISTRATION
GO	GERM UNACOMPANIED PERSONNEL HOUSING, ENLISTED
GQ	GERM DINNING FACILITIES
GT	GERM CHAPELS
GW	GERM AUDITORIUM/THEATER
GY	GERM CHILD SUPPORT CENTER
GZ	GERM COMMISSARY
HA	GERM CONFINEMENT FACILITY
HB	GERM GENERAL PURPOSE ADMINISTRATION
HC	GERM POST OFFICE
HD	GERM AUTO SERVICE STATION
HE	GERM PHYSICAL FITNESS
HT	GERM FAMILY HOUSING
U1	TOTL ARTS & CRAFTS CENTER
U2	TOTL CONTINUING EDUCATION
U3	TOTL PHYSICAL FITNESS
U4	TOTL TRANSIENT HOUSING
U5	TOTL CONSOLIDATED OPEN DINNING

U6	TOTL (NOT USED)
U7	TOTL RETAIL STORE
U8	TOTL (NOT USED)
UA	TOTL GENERAL INSTRUCTIONAL BUILDINGS
UB	TOTL APPLIED INSTRUCTIONAL BUILDINGS
UC	TOTL AVIATION UNIT MAINTENANCE HANGAR
UD	TOTL ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
UE	TOTL DS/GS VEHICLE MAINTENANCE SHOP
UF	TOTL SPECIAL PURPOSE MAINTENANCE SHOPS
UG	TOTL REPAIR AND OPERATION MAINTENANCE SHOPS
UH	TOTL AMMUNITION STORAGE FACILITIES
UI	TOTL COLD STORAGE FACILITIES
UJ	TOTL GENERAL PURPOSE WAREHOUSE
UK	TOTL HOSPITALS
UL	TOTL DENTAL CLINICS
UM	TOTL HEALTH CLINICS
UN	TOTL GENERAL PURPOSE ADMINISTRATION
UO	TOTL UNACOMPANIED PERSONNEL HOUSING, ENLISTED
UP	TOTL BASIC TRAINEE BARRACKS
UQ	TOTL DINNING FACILITIES
UR	TOTL UNACOMPANIED PERSONNEL HOUSING, OFFICES
US	TOTL FIRE STATION
UT	TOTL CHAPELS
UU	TOTL LAUNDRY/DRY CLEANING FACILITY
UV	TOTL POST OFFICE
UW	TOTL AUDITORIUM/THEATER
UX	TOTL BOWLING CENTER

UY	TOTL CHILD SUPPORT CENTER
UZ	TOTL COMMISSARY

APPENDIX B: Current Use Codes and Group Codes

The column heads used in this appendix are:

- Current Use Code — The F4C code given in AR 415-28 (DA, 1 November 1981). *Facility Classes and Construction Categories*
- Description — Title of the group and current use codes
- Group — Proposed new F4C groupings for facilities
- Unit Cost IDs — Two characters that identify the correct unit cost table
- Total — Includes all buildings within this category
- Perm — Includes permanent and semipermanent buildings
- Temp — Includes temporary buildings.

UNIT COST TABLES
BY FUNCTION

Current Use Code	Description	Group	Germany
14111	AF FIRE RSQ STA	73010	US
14112	AVN OPS BLDG	21110	GN
14114	CIDC FIELD OP OFF	61050	GN
14125	RECPT STA PROCESS	61050	GN
14131	GEN PURPOSE	61050	GN
14133	SHIP & REC	44200	GJ
14140	CARE & PRES SH	44200	GJ
14150	BOX & CRATE SH	44200	GJ
14160	BL & BAND FAC	44200	GJ
14170	TRF DEPOT EXPLO	42100	UH
14180	SCALE HOUSE	61050	GN
14182	RGT/BDE HQ BLDG	14182	GN
14183	BN HQ BLDG	14183	GN
14184	GP HQ BLDG	14182	GN
14185	CO HQ BLDG	14185	GN
15610	CARGO FAC/BLDG	44200	GJ
17110	AC TRAINER BLDG	17130	UB
17110	FLT SIM BLDG	17130	UB
17115	BAND TNG BLDG	17130	UB
17120	GEN INST BLDG	17120	GA
17130	APPLIED INST BLDG	17130	UB
17131	POST SIG SCHOOL	17120	GA
17140	ARMY RES CENTER	17130	UB
17142	NG RES CTR BLDG	17130	UB
17150	BN CLASSROOMS	14183	GN
17151	BN ADMIN & CLRM	14183	GN
17160	TNG AIDS CENTER	44200	GJ
17174	LEARN RES CTR	17120	GA
17180	NG ARMORY	17130	UB
17182	TGT MOV SIM BLDG	17130	UB
17190	OTHERS	17130	GA
17901	BSC 25M FIRE RG	17900	GN
17902	AUTOMATED FLD FIRING RG	17900	GN
17903	AUTOMATED RECORD FIRE RG	17900	GN
17904	NIGHT FIRE RG	17900	GN
17905	AUTO RIFLE RG	17900	GN
17907	SNIPER TRN FLD FIRE RG	17900	GN
17908	TGT DETECT RG	17900	GN
17909	MG 10 METER RG	17900	GN
17910	MG TRANSITION RG	17900	GN
17911	MG M60 & M2 RG	17900	GN
17912	FIRING FROM MOVING APC	17900	GN
17913	HD GR FAMILIAR	17900	GN
17914	HD GR ACCURACY	17900	GN

UNIT COST TABLES
BY FUNCTION

Current Use Code	Description	Group	Germany
17915	HD CR ASLT QUAL	17900	GN
17916	HD GR CONFIDEN	17900	GN
17917	GRENADE LCHR RG	17900	GN
17918	RECOIL RIFLE RG	17900	GN
17919	LT ANTIAR WP RG	17900	GN
17920	ANTIAR TRACK RG	17900	GN
17921	DEMO BT&LM AR	17900	GN
17922	FLAS & FLMTH RG	17900	GN
17923	MOUT CFT RG	17900	GN
17924	MORT SCAL TR RG	17900	GN
17925	MORTAR RANGE	17900	GN
17926	INF SQD BTL CSE	17900	GN
17927	INF PLT BTL CSE	17900	GN
17928	COMBT PISTOL RG	17900	GN
17929	SUBMACH GGN RG	17900	GN
17930	TK GNRY 1:30 AND 1:60	17900	GN
17931	TK GNRY 1:5 AND 1:10	17900	GN
17932	TK GNRY STATIONARY	17900	GN
17933	TK CREW CMBT FIRING CLS	17900	GN
17934	TK PLT BTL RGN	17900	GN
17936	GGNSHIP HARM RG	17900	GN
17937	AERIAL GGNNERY	17900	GN
17939	IMPACT AREA	17900	GN
17942	FLD ARTY FIRING RG	17900	GN
17943	AD ARTY FIRING RG	17900	GN
17945	FLD ART RG	17900	GN
17946	OPTIONAL RG'S	17900	GN
17950	COLLECTIVE TRN SITES	17900	GN
21110	MNT HANGAR AVUM	21110	UC
21111	NT MAINT HGR - AVUM	21111	UC
21112	MNT HANGAR COMB	21111	UC
21115	QUAL ASSUR FAC	21111	UC
21120	AC FLD MNT SHOP	21111	UC
21130	AC PAINT SHOP	21111	UC
21140	AC ENG TEST FAC	21111	UC
21190	OTHER	21111	UC
21407	NG VEH MAIN SHOP	21410	GD
21408	COMPT CLEAN FAC	21410	GD
21409	AR VEH MNT SHOP	21410	GD
21410	VEH MNT SH ORG	21410	GD
21420	VEH MNT SHOP DS	21420	UE
21430	VEH MNT SHOP GS	21420	UE
21435	REBD SH & FAC	21420	UE
21440	VEH C/REB DEP	21420	UE
21456	WASH FAC CEN	21456	GD
21457	PRE-WASH CEN	21456	GD
21458	ST CLEAN FAC	21456	GD
21459	OC&L FAC CONV	21456	GD

UNIT COST TABLES
BY FUNCTION

Current Use Code	Description	Group	Germany
21470	OIL STORAGE BLG	21410	GD
21510	SM ARMS REP SH	21410	GD
21520	LIGHT GUN SHOP	21410	GD
21530	HEAVY GUN SHOP	21410	GD
21532	WEAON QA FAC	21420	UE
21540	SP WPNS SHOP	21420	UE
21590	OTHER	21420	UE
21640	DUNNAGE BLDG	44200	GJ
21710	ELEC MNT SHOP	21410	GD
21712	ELC/CON CAL FAC	21410	GD
21722	E/C CLEAN FAC	21410	GD
21730	RADAR MNT SHOP	21420	UE
21732	E/C QUAL AS FAC	21420	UE
21740	AVIONICS MNT SHP	21110	UC
21790	OTHER	21420	UE
21815	NTOE SUP MNT SH	21800	UF
21850	BATTERY SHOP	21420	UE
21870	STH SPARE PARTS	21800	UF
21872	QUAL ASSUR FAC	21420	UE
21880	CML FLD MNT SH	21456	GD
21882	QM REPAIR SHOP	21800	UF
21883	MTL & WDWK SHOP	21800	UF
21884	AIR DEL EQP SH	21800	UF
21885	MNT SH GEN PURP	21800	UF
21886	VEHIL WASH SHOP	21800	UF
21887	OPT REPAIR SHOP	21800	UF
21888	CAN/LEATH SHOP	21800	UF
21889	CALIBRATION FAC	21800	UF
21910	FE MAINT SHOP	21900	UG
21912	TIMB TREAT FAC	21900	UG
21920	FE FACILITY	21900	UG
21922	ENTOMOLOGY	21900	UG
41110	MARINE FUEL STRG	4110	NONE
41120	AVGAS STORAGE	41100	NONE
41121	JET FUEL STORAGE	41100	NONE
41130	DIESEL OIL STRG	41100	NONE
41140	GASOLINE STRG	41100	NONE
41170	LUBNT STR FAC	44240	GJ
41180	HEATING FUEL STRG	41100	NONE
41190	OTHER	42100	UH
42107	STRAND-NON ATOM	42100	UH
42110	FUSE DET MAG BK	42100	UH
42120	HI EXPLO MAG BK	42100	UH
42140	SMKEDRM STHS BK	42100	UH
42150	SMKLS PO MAG BK	42100	UH
42160	SP WPNS MAG BK	42100	UH
42170	GM MAGAZINE BK	42100	UH
42180	IGLOO STORAGE	42100	UH
42181	STOREHOUSE	44200	GJ

UNIT COST TABLES
BY FUNCTION

Current Use Code	Description	Group	Germany
42182	SMALL ARMS MAG	42100	UH
42183	GEN PURPOSE MAG	42100	UH
42184	AMMO HUT	42100	UH
42190	OTHER	42100	UH
42210	FUSE DET MAG	42100	UH
42215	HIGH EXPLO MAG	42100	UH
42221	STL ARCH MAG BK	42100	UH
42225	SMOKEDRUM STRHS	42100	UH
42230	SM ARM PYRO MAG	42100	UH
42231	STOREHOUSE	44200	GJ
42235	READY MAGAZINE	42100	UH
42240	FIXED AMMO MAG	42100	UH
42250	SP WEAPONS MAG	42100	UH
42260	GM MAGAZINE	42100	UH
42280	IGLOO STORAGE	42100	UH
42281	AMMO HUT	42100	UH
42283	GEN PURP MAG	42100	UH
42285	UNIT SM ARM STR	42100	UH
42290	OTHER	42100	UH
42410	COLD STOR BTRY	43000	UI
43110	COLD STOR WHS	43000	UI
43111	COLD STOR EQUIP	43000	UI
43210	COLD STOR WHSE	43000	UI
43211	CSE I&R WHSE	43000	UI
43212	COLD STOR EQPT	43000	UI
43220	MEAT CUT PLANT	43000	UI
43230	REFRIG WH PERSH	43000	UI
43231	CSE I&R PERSH	43000	UI
43290	OTHER	43000	GJ
44110	GEN PURP WHSE	44200	GJ
44130	CONT HUMID WHSE	44230	GJ
44150	INFLAM MAT STHS	44240	GJ
44160	RADA STOR WHSE	44240	UH
44170	UG STORAGE FAC	44200	GJ
44180	OPEN WHSE FAC	44200	GJ
44181	VEHICLE STR FAC	44260	GJ
44210	AC PTS STR BLDG	21111	UC
44211	ACFT ACCT PTS STOR	21111	UC
44212	AC PTS & TOE ST	21110	UC
44215	OXY STORAGE FAC	44240	GJ
44217	ACETYL STOR FAC	44240	GJ
44219	STEEL STORE FAC	44200	GJ
44220	GEN PURPSE WHSE	44200	GJ
44221	TARGET STORAGE	44200	GJ
44222	STORAGE SHED	44200	GJ
44224	DEPLOY STGE BG	44200	GJ
44225	MED SUPPLY WHS	44230	GJ
44226	SUP MAINT WHSE	44200	GJ
44228	INSECTICIDE STR	44200	NONE

UNIT COST TABLES
BY FUNCTION

Current Use Code	Description	Group	Germany
44230	CONT HUMID WHSE	44230	GJ
44240	INFLAM MAT STHS	44240	GJ
44245	AC INFLAM STORE	44240	GJ
44250	WG STORAGE FAC	44200	GJ
44260	TRANSIT SHED	44260	GJ
44261	LUM & P SHED FE	44200	GJ
44262	VEHICLE STORAGE	44260	GJ
44270	GEN STOREHOUSE	44200	GJ
44271	GEN STOR FH	44200	GJ
44275	FE STOREHOUSE	44200	GJ
44276	STR MAT HAND EQ	44200	GJ
44280	OPEN WAREHOUSE	44200	GJ
44285	SALV & SUR PROP	44200	GJ
44286	DIV BRKD BLDG	44230	GJ
51010	HOSPITAL	51010	UK
51020	HOSPITAL CLINIC	51010	UK
51090	OTHER	51010	UK
53020	LABORATORY	51010	UK
53030	MORGUE	51010	UK
54010	DENTAL CLINIC	54010	UL
54090	OTHER	54010	UL
55010	CLINIC W/O BDS	55010	UM
55020	CLINIC WITH BEDS	55010	UM
55030	H/D C1 W/O BDS	55010	UM
55040	H/D C1 WITH BDS	55010	UM
55090	OTHER	55010	UM
61011	POST HEADQUARTERS	61050	GN
61012	DIVISION HEADQUARTERS	61050	GN
61018	ARMY HEADQUARTERS	61050	GN
61020	CHEMICAL	61050	GN
61021	ENGINEER	61050	UN
61022	ORDNANCE	61050	UN
61023	SUPPLY SERVICE	61050	UN
61024	SIGNAL	61050	UN
61025	MEDICAL	61050	UN
61026	TRANSPORTATION CO	61050	UN
61027	FINANCE	61050	UN
61028	PROVOST & MP	61050	UN
61030	EXCHANGE	61050	UN
61031	AUTODATA PROCESS	61050	UN
61040	CIVILIAN PERSONNEL	61050	UN
61041	MILITARY PERSONNEL	61050	UN
61050	GEN PURP ADMIN	61050	UN
61060	R & D ACTIVITIES	61050	UN
61061	DETACH OFF, FHSG	61050	UN
61065	TECHNICAL LIBRARY	61050	UN
61090	OTHER	61050	UN
62010	UNDERGROUND	61050	UN
71111	GENERAL	71100	HT

UNIT COST TABLES
BY FUNCTION

Current Use Code	Description	Group	Germany
71112	COLONOL	71100	HT
71113	LTC/MJOR	71100	HT
71114	COM GRD/WO	71100	HT
71115	NCO/ENLISTED	71100	HT
71116	CIV/GS16-GS18	71100	HT
71117	CIV/GS12-GS15	71100	HT
71118	CIV/GS7-GS11	71100	HT
71119	CIV/GS5-GS6	71100	HT
71121	GENERAL	71100	HT
71122	COLONEL	71100	HT
71123	LTC/MAJOR	71100	HT
71124	COM GRD/WO	71100	HT
71125	NCO/ENLISTED	71100	HT
71126	CIV/GS16-GS18	71100	HT
71127	CIV/GS12-GS15	71100	HT
71128	CIV/GS7-GS11	71100	HT
71129	CIV/GS5-GS6	71100	HT
71131	GENERAL	71100	HT
71132	COLONEL	71100	HT
71133	LTC/MAJOR	71100	HT
71135	NCO/ENLISTED	71100	HT
71136	CIV/GS16-GS18	71100	HT
71137	CIV/GS12-GS15	71100	HT
71138	CIV/GS7-GS11	71100	HT
71139	CIV/GS5-GS6	71100	HT
71141	GENERAL	71100	HT
71142	COLONEL	71100	HT
71143	LTC/MAJOR	71100	HT
71144	COM GRD/WO	71100	HT
71145	NCO/ENLISTED	71100	HT
71146	CIV/GS16-GS18	71100	HT
71147	CIV/GS12-GS15	71100	HT
71148	CIV/GS7-GS11	71100	HT
71149	CIV/GS5-GS6	71100	HT
71160	CIV/UNDESIG	71100	HT
71190	OTHER	71100	HT
72110	ENL BRKS W/MESS	72100	GO
72111	ENL BRKS (UPH)	72100	GO
72112	ENL BRKS W/AS	72100	GO
72113	ENL BRKS W/D&AS	72100	GO
72114	ENL BRKS AN TRN	72114	GO
72115	ENL BRKS MOB	72181	UP
72140	CIV DORMITORY	72100	GO
72150	DETENTION BRKS	73015	HA
72180	SR ENL QTRS	72100	GO
72181	TRAINEE BRKS	72200	GQ
72190	UNDEFINED	72114	UO
72210	ENL DIN FAC	72200	UQ
72220	OFF DIN FAC	72200	UQ

UNIT COST TABLES
BY FUNCTION

Current Use Code	Description	Group	Germany
72290	UNDEFINED	72400	UR
72330	ADM & SUP BLDG	14185	GN
72410	UPH OFF BRKS	72400	UR
72411	UPH OFF BRKS	72400	UR
72415	UPH OFF BRKS	72400	UR
72430	UPH CIV BRKS	73010	UR
73010	COMMUNITY FIRE STATION	73015	HA
73014	CORRECTIONAL FAC	73020	HA
73015	CONFINEMENT FACILITY	73020	GT
73016	POLICE STATION	61050	GN
73017	CHAPEL	73020	GT
73018	RELIG ED FAC	73020	GT
73019	UNIT CHAP	73020	GT
73020	CHAPEL CENTER FAC	73030	UU
73030	LAUNDRY/DRY CLEANING FAC	73030	UU
73031	KINDERGARTEN	73030	UU
73031	DRYCLEANING FAC	73030	UU
73036	REC BILLETS	74032	U4
73044	JR HIGH SCHOOL	73049	GN
73045	NURSERY	74014	GY
73046	DEPENDENT HIGH SCHOOL	73049	GN
73047	DEPENDENT GRADE SCHOOL	73048	GN
73048	MIDDLE SCHOOL	73048	GN
73049	BRANCH POST OFFC	73049	GN
73072	POST OFFICE	73073	HC
73073	AUDITORIUM/THEATER FAC	73073	HC
74003	AUDIO/PHOTO CLUB	74022	U1
74008	BILLIARDS FAC	74069	G3
74010	ENTERTAINMENT WORKSHOP	74010	GW
74011	BOWLING CENTER	74011	UX
74012	CAFETERIA	74064	G5
74013	CANTEEN	74064	G5
74015	CIVILIAN CLUB	74046	G5
74020	EXCH CLOTHING ST	74053	G7
74021	COMMISSARY	74021	GZ
74022	ARTS & CRAFTS CENTER	74022	U1
74023	CREDIT UNION	61050	GN
74024	AUTO CRAFTS CENTER	74024	G7
74025	CONT EDUCATION FAC	74025	G2
74026	DRAMA CENTER	74010	GW
74027	MUSIC CENTER	74010	GW
74028	PHYSICAL FITNESS CENTER	74028	G3
74032	TRANSIENT HOUSING FAC	74032	U4
74033	COMMUNITY SVCS CTR (ACS)	74033	G7
74034	PHYS FITNESS FTR/GYM	74028	G3
74035	O/S TRANS BILLET	74032	U4
74037	AUTO CRAFTS ANNX	74024	G7
74040	LIBRARY BRNCH	74041	G7
74041	LIBRARY FACILITY	74041	G7

UNIT COST TABLES
BY FUNCTION

Current Use Code	Description	Group	Germany
74043	THEATER W/DRSRM	74010	GW
74044	LIBRARY SVC CTR	74041	G7
74046	CONSLIDATED OPEN DIN FAC	74046	G5
74047	NCO OPEN DINING FAC	74046	G5
74048	OFF OPEN DIN FAC	74046	G5
74050	EXCH BRANCH	74053	G7
74051	EXCH CAFETERIA	74064	G5
74052	EXCHANGE AUTO SRVC STA	74052	NONE
74053	COMMUNITY RETAIL STORE	74053	G7
74055	EXCH WAREHOUSE	44230	G5
74056	EXCH SVC OUTLET	74053	G7
74057	EXC SUPT FAC	74053	G7
74060	LUNCH ROOM	74064	G5
74062	SNACK BAR	74064	G5
74064	RESTAURANT/CAFETERIA	74064	G5
74065	MOR SUPT ACT OFF	74069	G3
74066	YOUTH CENTER	74066	G3
74067	ROD/GUN CLUB	74069	G3
74068	RECREATIONAL ACTIV CTR	74069	G3
74069	RECREATION BLDG	74069	G3
74071	R[illegible] CROSS BLDG	61050	GN
74072	INDOOR SWIM POOL	74028	G3
74074	SCOUT BLDG	74069	G3
74076	THEATER	74010	GW
74077		74010	GW
74078	THRIFT SHOP	74053	G7
74081	SELF SV SUP CTR	44230	G5
74084	CLASS VI STORE	74053	G7
74086	HANDBALL CTS (ID)	74028	G3
77014	CHILD SUPPORT CENTER	74014	GY
77120	ENL BRKS TRANS	72100	GO
77134	COM GRD/WO	71100	HT

APPENDIX C: Location Adjustment Factor

The column heads used in this appendix are:

- State — Name of the state within the United States
- Location — City name or state average
- ACF index — Location adjustment cost factor.

Geographic Location Adjustment Factors

State	Location	ACF Index
Alabama	State Average	0.86
	Birmingham	0.96
	Mobile	0.86
	Montgomery	0.76
	Anniston Army Depot	0.81
	Huntsville	0.88
	Fort McClellan	0.80
	Redstone Arsenal	0.88
	Fort Rucker	0.80
Alaska	State Average	2.25
	Anchorage	1.92
	Delta Junction	2.70
	Fairbanks	2.13
	Adak	3.88
	Aleutian Islands	3.86
	Anchorage NSGA	1.92
	Barrow	4.18
	Burnt Mtn.	6.86
	Clear	3.10
	Eielson AFB	2.13
	Elmendorf AFB	1.92
	Galena	3.73
	Fort Greely	2.70
	Fort Richardson	1.92
	Fort Wainwright	2.13
Arizona	State Average	1.02
	Flagstaff	1.02
	Phoenix	0.99
	Tucson	1.05
	Fort Huachuca	1.22
	Yuma Proving Ground	1.31
	Yuma	1.31
Arkansas	State Average	0.89
	Pine Bluff	0.93
	Little Rock	0.83
	Fort Smith	0.92
	Fort Chaffee	0.92
	Pine Bluff Arsenal	0.93
California	State Average	1.21
	Los Angeles	1.20
	San Diego	1.18
	San Francisco	1.25

State	Location	ACF Index
California (Cont'd)	Beale	1.28
	Bridgeport NWTC	1.27
	Castle	1.13
	Centerville Beach	1.32
	Desert Area	1.18
	Edwards AFB	1.30
	El Centro	1.27
	George AFB	1.31
	Fort Hunter Liggett	1.29
	Fort Irwin	1.20
	Le Moore NAS	1.20
	March AFB	1.18
	Mather AFB	1.17
	McClellan AFB	1.17
	Monterey Area	1.23
	Presidio of Monterey	1.23
	Norton AFB	1.16
	Oakland Army Base	1.33
	Fort Ord	1.24
	Hueneme Area	1.20
	Riverside	1.18
	Sacramento	1.15
	Sacramento Army Depot	1.15
	Presidio of San Francisco	1.25
	San Nicholas Island	2.59
	Sharpe Army Depot	1.13
	Sierra Army Depot	1.33
	Stockton	1.15
	Travis AFB	1.27
	Vandenburg AFB	1.38
Colorado	State Average	0.98
	Colorado Springs	0.94
	Denver	1.04
	Pueblo	0.96
	Fort Carson	1.01
	Fitzsimmons AMC	1.06
	Pueblo Army Depot	0.96
	Peterson AFB	0.94
	Rocky Mountain Arsenal	1.06
Connecticut	State Average	1.13
	Bridgeport	1.16
	Hartford	1.10
	New London	1.14
Delaware	State Average	0.99
	Dover	1.04
	Lewes	0.98
	Milford	0.96

State	Location	ACF Index
Delaware (Cont'd)	Lewes NF	1.04
	Dover AFB	1.04
District of Columbia	Washington	1.03
	Fort McNair	1.03
	Walter Reed AMC	1.03
Florida	State Average	0.89
	Miami	0.95
	Panama City	0.92
	Tampa	0.79
	Cape Canaveral	0.96
	Cape Kennedy	0.96
	Gulf Coast	0.85
	Homestead AFB	0.88
	Homestead	0.88
	Jacksonville Area	0.85
	Key West NAS	1.08
	Orlando	0.80
	Pensacola Area	0.85
	McDill AFB	0.77
	Eglin AFB	0.77
	Tyndall AFB	0.92
Georgia	State Average	0.80
	Albany	0.82
	Atlanta	0.87
	Macon	0.70
	Athens	0.90
	Atlanta-Marietta	0.93
	Fort Benning	0.71
	Columbus	0.71
	Fort Gillem	0.87
	Fort Gordon	0.94
	Kings Bay	0.93
	Fort McPherson	0.87
	Fort Stewart	0.84
Hawaii	State Average	1.28
	Hawaii	1.29
	Honolulu	1.27
	Maui	1.29
	Alimanu	1.27
	Barbars Point NAS	1.34
	Fort Debussy	1.27
	EWA Beach Area	1.34
	Helemano	1.34
	Hickam Army Air Field	1.27
	Kaneohe MCAS	1.34
	Moanalua	1.27
	Pearl City	1.27

State	Location	ACF Index
Hawaii (Cont'd)	Pearl Harbor	1.27
	Pohakuloa	1.32
	Schofield Barracks	1.27
	Fort Shafter	1.27
	Tripler AMC	1.27
	Wheeler Army Air Field	1.34
Idaho	State Average	1.11
	Boise	1.05
	Idaho Falls	1.08
	Mountain Home	1.19
	Mountain Home AFB	1.20
Illinois	State Average	1.03
	Belleville	0.96
	Chicago	1.09
	Rock Island	1.03
	Rock Island Arsenal	1.06
	St. Louis Support Ctr	0.96
	Savannah Army Depot	1.05
	Scott AFB	1.03
	Fort Sheridan	1.10
Indiana	State Average	0.99
	Indianapolis	1.03
	Logansport	0.99
	Madison	0.94
	Fort Benjamin Harrison	1.07
	Crane	1.10
	Crane AAP	1.10
	Grissom AFB	1.06
	Indiana AAP	1.02
	Jefferson Proving Ground	0.94
Iowa	State Average	1.02
	Burlington	1.04
	Cedar Rapids	0.98
	Des Moines	1.05
	Iowa AAP	1.06
Kansas	State Average	0.94
	Manhattan	0.97
	Topeka	0.96
	Wichita	0.88
	Kansas AAP	0.94
	Fort Leavenworth	0.94
	Fort Riley	0.97
	Sunflower AAP	0.97
Kentucky	State Average	0.96
	Bowling Green	0.99
	Lexington	0.96
	Louisville	0.93

State	Location	ACF Index
Kentucky (Cont'd)	Fort Campbell	0.93
	Fort Knox	0.99
	Lexington/Bluegrass Army Depot	1.06
	Louisville NAS	0.93
Louisiana	State Average	0.92
	Alexandria	0.87
	New Orleans	0.94
	Shreveport	0.94
	Barksdale AFB	0.94
	England AFB	0.87
	Gulf Outport New Orleans	0.94
	Louisiana AAP	0.94
	Fort Polk	0.94
Maine	State Average	0.93
	Bangor	0.85
	Caribou	0.99
	Portland	0.94
	Brunswick	0.93
	Cutler	0.98
	Northern Area	1.17
	Winter Harbor	0.98
Maryland	State Average	0.97
	Baltimore	0.95
	Fredrick	0.94
	Lexington Park	1.01
	Aberdeen Proving Ground	0.94
	Annapolis	1.03
	Fort Detrick	0.94
	Harry Diamond Lab	1.00
	Fort Meade	0.95
	Patuxent River Area	1.08
	Fort Ritchie	0.90
Massachusetts	State Average	1.10
	Boston	1.13
	Fitchburg	1.08
	Springfield	1.08
	Army Mtls & Mech Research Ctr	1.13
	Fort Devens	1.15
	Natick Research & Development Ctr	1.13
	South Weymouth	1.13
Michigan	State Average	1.06
	Bay City	1.02
	Detroit	1.14
	Marquette	1.03
	Detroit Arsenal	1.14
	Northern Area	1.25
	Republic (Elfcom)	1.10

State	Location	ACF Index
Michigan (Cont'd)	Selfridge AFB	1.14
Minnesota	State Average	1.08
	Duluth	1.05
	Minneapolis	1.09
	St. Cloud	1.10
	Twin Cities AAP	1.09
Mississippi	State Average	0.84
	Biloxi	0.87
	Columbus	0.81
	Jackson	0.84
	Columbus AFB	0.81
	Gulfport Area	0.87
	Meridian	0.92
Missouri	State Average	0.92
	Kansas City	0.92
	St. Louis	0.99
	Rolla	0.85
	Lake City AAP	0.93
	Fort Leonard Wood	0.91
Montana	State Average	1.15
	Billings	1.15
	Butte	1.18
	Great Falls	1.12
	Malmstrom AFB	1.12
Nebraska	State Average	1.03
	Grand Island	1.00
	Lincoln	1.05
	Omaha	1.05
	Offutt AFB	1.05
Nevada	State Average	1.18
	Hawthorne	1.26
	Las Vegas	1.13
	Reno	1.15
	Fallon	1.28
	Hawthorne AAP	1.26
	Nellis AFB	1.13
New Hampshire	State Average	1.09
	Concord	1.06
	Nashua	1.06
	Portsmouth	1.14
	Cold Regions Research Lab	1.17
New Jersey	State Average	1.08
	Newark	1.11
	Red Bank	1.08
	Trenton	1.06
	Bayonne	1.10
	Bayonne Mil Ocean Term	1.09

State	Location	ACF Index
New Jersey (Cont'd)	Fort Dix	1.03
	Earle	1.10
	Lakehurst	1.05
	Fort Monmouth	1.09
	Picatinny Arsenal	1.20
New Mexico	State Average	1.03
	Alamogordo	0.99
	Albuquerque	1.03
	Gallup	1.06
	Holloman AFB	1.05
	Kirtland AFB	1.03
	White Sands Missile Range	1.09
	Fort Wingate	1.06
New York	State Average	1.12
	Albany	1.07
	New York City	1.24
	Syracuse	1.05
	Brooklyn	1.24
	Fort Drum	1.18
	Fort Hamilton	1.24
	Seneca Army Depot	1.15
	U.S. Military Academy	1.17
	Watervliet Arsenal	1.07
North Carolina	State Average	0.76
	Fayetteville	0.76
	Greensboro	0.75
	Wilmington	0.78
	Fort Bragg	0.76
	Camp Lejeune Area	0.86
	Cherry Point	0.86
	Goldsboro	0.77
	Pope AFB	0.82
	Seymour AFB	0.77
	Sunny Point Mil Ocean Term	0.78
North Dakota	State Average	1.03
	Bismarck	1.02
	Grand Forks	0.98
	Minot	1.10
	Grand Forks AFB	0.98
	Stanley R. Hicklesen CPX	1.03
	Minot AFB	1.12
Ohio	State Average	1.00
	Columbus	1.03
	Dayton	0.98
	Youngstown	0.99
	Cleveland	1.14
	Wright-Patterson AFB	0.98

State	Location	ACF Index
Oklahoma	State Average	0.93
	Lawton	0.90
	McAlester	0.91
	Oklahoma City	0.98
	Altus AFB	0.94
	Enid	1.01
	McAlester AAP	0.91
	Fort Sill	0.90
Oregon	State Average	1.05
	Pendleton	1.08
	Portland	1.07
	Salem	0.99
	Charleston	1.11
	Coos Head	1.08
	Umatilla Army Depot	1.18
Pennsylvania	State Average	1.00
	Harrisburg	0.91
	Philadelphia	1.05
	Pittsburgh	1.04
	Carlisle Barracks	0.93
	New Cumberland Army Depot	0.91
	Fort Indiantown Gap	1.07
	Letterkenny Army Depot	1.07
	Mechanicsburg Area	0.91
	Tobyhanna Army Depot	1.14
	Warminster Area	1.04
Rhode Island	State Average	1.11
	Bristol	1.13
	Newport	1.11
	Providence	1.10
	Davisville	1.17
South Carolina	State Average	0.82
	Charleston	0.81
	Columbia	0.82
	Myrtle Beach	0.84
	Beaufort Area	0.89
	Charleston AFB	0.81
	Fort Jackson	0.82
	Sumter	0.80
South Dakota	State Average	0.95
	Aberdeen	0.95
	Sioux Falls	0.94
	Rapid City	0.96
	Ellsworth AFB	0.98
Tennessee	State Average	0.84
	Chattanooga	0.86
	Kingsport	0.72

State	Location	ACF Index
Tennessee (Cont'd)	Memphis	0.95
	Arnold AFB	0.90
	Milan AAP	0.98
	Holston AAP	0.71
Texas	State Average	0.85
	San Angelo	0.76
	San Antonio	0.86
	Fort Worth	0.93
	Fort Bliss	0.96
	Carswell AFB	0.93
	Chase Field - Beeville	0.97
Texas (Cont'd)	Corpus Christi Army Depot	0.92
	Corpus Christi	0.92
	Dallas	0.93
	Dyess AFB	0.94
	Fort Hood	0.89
	Kingsville	0.99
	Red River Army Depot	0.78
	Fort Sam Houston	0.86
	William Beaumont AMC	0.96
	Bergstrom AFB	0.95
	Brooks AFB	0.86
	Randolph AFB	0.86
	Kelly AFB	0.86
	Lackland AFB	0.86
Utah	State Average	1.03
	Ogden	1.05
	Salt Lake City	1.00
	Tooele	1.06
	Dugway Proving Ground	1.03
	Hill AFB	1.07
	Tooele Army Depot	1.05
Vermont	State Average	0.99
	Burlington	1.00
	Montpelier	1.00
	Rutland	0.96
Virginia	State Average	0.95
	Norfolk	0.95
	Radford	0.95
	Richmond	0.94
	Arlington	1.04
	Arlington Hall Station	1.04
	Arlington National Cemetery	1.04
	Fort Belvoir	1.04
	Cameron Station	1.04
	Dahlgren	1.10
	Fort Eustis	0.96

State	Location	ACF Index
Virginia (Cont'd)	Humphreys Engineer Center	1.03
	Fort A. P. Hill	0.92
	Fort Lee	0.93
	Fort Monroe	0.94
	Fort Myer	1.03
	Norfolk-Newport News Area	0.95
	Fort Pickett	0.98
	Quantico	1.03
	Nadford AAP	1.02
	Port Story	0.95
	Vint Hill Farms Station	1.08
Washington	State Average	1.09
	Spokane	1.08
	Tacoma	1.07
	Yakima	1.11
	Fairchild AFB	1.13
	Jim Creek	1.34
	Fort Lewis	1.07
	Pacific Beach	1.27
	Puget Sound Area	1.15
	Seattle Area	1.12
	Widbey Island	1.12
	Yakima Firing Center	1.18
West Virginia	State Average	0.95
	Bluefield	0.92
	Clarksburg	0.95
	Charleston	0.99
	Sugar Grove	1.15
Wisconsin	State Average	1.06
	LaCrosse	1.04
	Madison	1.02
	Milwaukee	1.13
	Badger AAP	1.06
	Clam Lake	1.20
	Fort McCoy	1.11
Wyoming	State Average	1.08
	Casper	1.07
	Cheyenne	1.10
	Laramie	1.08
	F. F. Warren AFB	1.10

APPENDIX D: Functional Group Unit Cost Tables

The column heads used in this appendix are:

- Unit Cost ID — Two characters that identify the correct Unit Code cost table
- Description — Title of the group and current use codes
- Code Id — Two characters that identify the correct unit cost table and the title of the group current use codes
- Unit cost — This factor will adjust all cost figures given in the table special condition multiplier
- Annual recurring maintenance factor — This is the cost per square foot for nonreplacement tasks and nonhigh-cost tasks
- MRT for major cost tasks and replacement tasks — This is the cost per square foot per year for all replacement and high-cost tasks
- Decade — The left digit of a two digit building age
- Age — The right digit of a two digit building age.

UNIT COST ID CODE	DESCRIPTION
G2	GERM CONTINUING EDUCATION
G3	GERM PHYSICAL FITNESS CENTER
G5	GERM CONSOLIDATED OPEN DINNING
G7	GERM RETAIL STORE
GA	GERM GENERAL INSTRUCTIONAL BUILDINGS
GD	GERM ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
GJ	GERM GENERAL PURPOSE WAREHOUSE
GN	GERM GENERAL PURPOSE ADMINISTRATION
GO	GERM UNACOMPANIED PERSONNEL HOUSING, ENLISTED
GQ	GERM DINNING FACILITIES
GT	GERM CHAPELS
GW	GERM AUDITORIUM/THEATER
GY	GERM CHILD SUPPORT CENTER
GZ	GERM COMMISSARY
HA	GERM CONFINEMENT FACILITY
HB	GERM GENERAL PURPOSE ADMINISTRATION
HC	GERM POST OFFICE
HD	GERM AUTO SERVICE STATION
HE	GERM PHYSICAL FITNESS
HT	GERM FAMILY HOUSING
U1	TOTL ARTS & CRAFTS CENTER
U2	TOTL CONTINUING EDUCATION
U3	TOTL PHYSICAL FITNESS
U4	TOTL TRANSIENT HOUSING
U5	TOTL CONSOLIDATED OPEN DINNING

U6	TOTL (NOT USED)
U7	TOTL RETAIL STORE
U8	TOTL (NOT USED)
UA	TOTL GENERAL INSTRUCTIONAL BUILDINGS
UB	TOTL APPLIED INSTRUCTIONAL BUILDINGS
UC	TOTL AVIATION UNIT MAINTENANCE HANGAR
UD	TOTL ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
UE	TOTL DS/GS VEHICLE MAINTENANCE SHOP
UF	TOTL SPECIAL PURPOSE MAINTENANCE SHOPS
UG	TOTL REPAIR AND OPERATION MAINTENANCE SHOPS
UH	TOTL AMMUNITION STORAGE FACILITIES
UI	TOTL COLD STORAGE FACILITIES
UJ	TOTL GENERAL PURPOSE WAREHOUSE
UK	TOTL HOSPITALS
UL	TOTL DENTAL CLINICS
UM	TOTL HEALTH CLINICS
UN	TOTL GENERAL PURPOSE ADMINISTRATION
UO	TOTL UNACOMPANIED PERSONNEL HOUSING, ENLISTED
UP	TOTL BASIC TRAINEE BARRACKS
UQ	TOTL DINNING FACILITIES
UR	TOTL UNACOMPANIED PERSONNEL HOUSING, OFFICES
US	TOTL FIRE STATION
UT	TOTL CHAPELS
UU	TOTL LAUNDRY/DRY CLEANING FACILITY
UV	TOTL POST OFFICE
UW	TOTL AUDITORIUM/THEATER
UX	TOTL BOWLING CENTER

UY	TOTL CHILD SUPPORT CENTER
UZ	TOTL COMMISSARY

Total Unit Cost Factors Table
Major Replacement Tasks MRT

AGE	G2	G3	G5	G7	GA	GD	GJ
1	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00
3	.00	.03	.00	.00	.00	.00	.00
4	.00	.00	.05	.00	.00	.00	.01
5	.00	.03	.00	.16	.00	.00	.16
6	.00	.03	.00	.03	.07	.03	.00
7	.00	.00	.00	.00	.01	.01	.00
8	.63	.89	.90	.59	.19	.79	.45
9	.11	.07	1.62	.00	1.25	.01	.05
10	.72	2.29	.11	.53	.17	1.82	1.81
11	.17	.08	.15	.04	.13	.07	.03
12	.11	.10	.10	.08	.23	.07	.02
13	.10	.09	.11	.06	.06	.07	.02
14	.08	.07	.12	.03	.79	.07	.03
15	.07	.25	.15	.21	.03	.09	.18
16	.82	.97	1.03	.64	.37	.85	.54
17	.11	.07	1.69	.07	2.62	.10	.06
18	.08	.07	.15	.04	.10	.11	.03
19	1.40	.10	3.42	.32	.65	.40	.40
20	.79	2.38	1.83	1.62	.93	1.86	1.85
21	.52	.20	.70	.33	.22	.36	.16
22	.16	.09	.13	.12	.16	.16	.03
23	.08	.31	.63	.11	.04	.22	.04
24	.70	1.13	1.01	.63	.39	.86	.47
25	.20	.13	1.72	.26	1.34	.07	.22
26	.12	.05	.23	.58	.04	.25	.03
27	.07	.20	.12	.04	1.01	.15	.04
28	.13	.23	.17	.19	1.38	.15	.02
29	.31	.10	.28	.04	.88	.16	.06
30	.95	2.45	.30	.97	7.92	5.00	6.42
31	2.29	2.43	2.20	2.06	2.01	1.96	.92
32	.25	.21	.28	.22	.22	.22	.07
33	.20	.47	1.74	.10	2.71	.19	.08
34	.19	.13	.19	.29	.05	.14	.20
35	.19	.14	.27	.21	.38	.12	.07
36	.18	.18	.27	.18	.20	.19	.05
37	1.45	.19	.45	.31	.66	.43	.42
38	.21	.33	3.81	.14	.14	.34	.06
39	1.64	3.16	1.10	1.30	.64	2.67	2.22
40	.17	.22	2.06	1.66	.63	.18	.17
41	.59	4.43	2.29	.33	2.26	.34	.24
42	.16	.25	.18	.05	.10	.13	.04
43	.20	.08	.22	.20	.08	.13	.21
44	.10	.11	.28	.09	.27	.19	.04
45	.17	.07	.13	.10	.05	.12	.05
46	.85	.92	1.04	.70	.21	.87	.60
47	.11	.10	.14	.14	.14	.13	.08
48	.83	2.28	.37	.68	.29	1.89	1.83
49	.25	.13	1.75	.13	3.40	.20	.22
50	.18	.07	.14	.17	.13	.15	.09
51	1.16	.55	.89	.73	.59	.40	.09
52	.18	.25	.14	.32	.19	.12	.21
53	.80	1.10	2.12	.75	.26	1.19	.50
54	.13	.11	.11	.11	.12	.14	.04
55	1.32	.13	.42	.44	2.06	.48	.41
56	.24	.21	3.22	.09	.22	.18	.05
57	.93	2.33	2.10	.73	3.12	2.08	1.84
58	.21	.38	.15	.08	.12	.18	.14
59	.32	.26	2.03	.62	8.49	3.24	4.64
60	.24	.13	.16	1.08	.27	.16	.09
61	2.03	1.64	1.75	1.91	1.73	1.38	3.29
62	.20	.12	.28	.07	.08	.21	.04
63	.19	.30	.19	.10	.09	.11	.04
64	.14	.12	.18	.09	.29	.14	.06
65	.25	.07	1.84	.23	2.68	.13	.06
66	.84	2.38	.12	.63	.29	1.91	1.79
67	.16	.13	.16	.08	.18	.07	.10
68	.77	1.11	1.54	.71	.24	1.04	.47
69	.28	.30	.23	.05	.81	.06	.05
70	1.29	.30	2.73	.12	.20	.41	.04
71	1.75	.32	1.29	.75	.78	.28	.09
72	.22	.28	.38	.13	.33	.20	.06
73	1.37	.26	1.97	.33	2.16	.45	.45
74	.23	.32	3.21	.15	.22	.22	.07
75	1.48	3.34	1.11	1.24	.75	2.68	2.23
76	2.01	.64	.58	3.66	.54	2.12	1.77
77	.31	.31	1.92	.09	.33	.18	.07
78	.21	.30	.23	.12	.31	.24	.08
79	.36	.44	.32	1.60	1.52	.26	.10
80	.23	.34	.30	.39	.57	.24	.23
AVG	.48	.58	.84	.43	.81	.56	.50
ARM	.60	.57	.52	.38	1.84	.52	.43
TOL	1.09	1.15	1.36	.81	2.66	1.08	.93

Total Unit Cost Factors Table
Major Replacement Tasks MRT

AGE	GN	GO	GQ	GT	GW	GY	GZ
1	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.07	.00	.00	.00
4	.00	.00	.00	.07	.00	.00	.01
5	.02	.00	.00	.14	.00	.00	.00
6	.01	.01	.00	.08	.00	.00	.01
7	.00	.01	.00	.08	.00	.00	.00
8	.81	.07	.33	1.21	1.10	.03	.61
9	.59	.11	.02	1.05	.01	1.16	.02
10	.57	.01	.38	1.83	.02	.13	2.43
11	.12	.05	.06	.18	.04	.61	.09
12	.08	.04	.06	.29	.13	.16	.07
13	.08	.04	.07	.22	.04	.30	.05
14	.07	.04	.04	.26	.09	.13	.06
15	.11	.04	.06	.38	.07	.22	.10
16	1.02	.11	.46	1.33	1.26	.34	.76
17	.78	.14	.07	1.09	.10	1.27	.07
18	.21	.04	.10	.19	.03	.24	.08
19	.79	1.44	.21	1.18	1.00	4.04	.64
20	1.35	.05	.43	2.71	.04	.35	2.47
21	.69	.20	.25	.73	.26	1.50	.18
22	.24	.06	.07	.32	.04	.26	.07
23	.22	.06	.09	.20	.05	.23	.12
24	1.03	.13	.37	1.40	1.14	.27	.71
25	.82	.21	.06	1.22	.09	1.21	.25
26	.24	.11	.05	.29	.14	.22	.09
27	.13	.16	.12	1.14	.05	.25	.10
28	.22	.16	.09	.19	.14	.37	.07
29	.55	.18	.23	1.22	.27	.68	.10
30	3.23	.18	.47	1.94	.63	16.80	2.51
31	1.71	.28	2.04	2.85	3.34	2.24	1.04
32	.32	.22	.13	.52	.09	.27	.13
33	.90	.31	.11	.94	.07	1.42	.14
34	.24	.21	.09	.60	.15	.34	.08
35	.37	.23	.10	.38	.11	.49	.31
36	.39	.22	.15	.60	.10	.29	.14
37	1.01	1.61	.23	1.24	1.02	4.11	.67
38	.38	.22	.13	.36	.12	.43	.15
39	1.70	.30	.78	3.32	1.22	.40	3.18
40	.98	.22	.14	1.51	.18	.42	.11
41	2.15	.46	.30	1.66	.67	2.61	.19
42	.17	.15	.11	.55	.11	.34	.08
43	.30	.14	.12	.45	.10	.26	.12
44	.29	.14	.10	.21	.06	.20	.09
45	.32	.10	.11	.41	.11	.36	.06
46	1.31	.17	.49	1.65	1.27	.43	.76
47	.53	.09	.11	.51	.11	.26	.07
48	1.09	.11	.44	2.21	.13	.23	2.49
49	.87	.21	.21	2.48	.07	1.45	.07
50	.56	.10	.10	.54	.12	.18	.08
51	.64	.72	2.68	.33	.11	1.50	.61
52	.45	.11	.09	.54	.12	.19	.15
53	1.21	.18	.40	1.50	1.20	.43	.72
54	.44	.12	.09	.30	.17	.21	.25
55	1.13	1.55	.22	1.12	1.10	4.04	.66
56	.45	.17	.10	.39	.12	.36	.10
57	1.48	.26	.67	4.53	.22	1.43	2.59
58	.46	.16	.16	.34	.11	.40	.11
59	3.49	.17	.18	.44	.65	17.00	.20
60	.51	.17	.10	1.09	.12	.48	.13
61	1.27	.29	1.89	2.24	2.33	2.98	.53
62	.32	.20	.10	.38	.10	.31	.13
63	.25	.22	.11	.30	.04	.40	.09
64	.20	.20	.08	.42	.17	.35	.26
65	.89	.31	.09	1.06	.09	1.32	.10
66	.87	.20	.39	1.94	.17	.34	2.49
67	.26	.19	.09	.31	.08	.49	.07
68	1.07	.24	.40	1.39	1.22	.27	.69
69	.30	.19	.07	.38	.17	.55	.08
70	1.91	2.70	4.59	.40	7.24	.28	.14
71	.61	.55	.62	.60	.85	2.31	.41
72	.16	.18	.16	.46	.13	.34	.16
73	1.55	1.65	.29	2.07	1.03	5.09	.72
74	.34	.18	.13	.42	.10	.45	.16
75	1.65	.24	.78	3.28	1.30	.43	3.18
76	1.18	.95	.29	.42	1.24	.54	1.13
77	1.05	.22	.15	.27	.12	.38	.22
78	.48	.21	.17	.39	.12	.54	.16
79	.21	.21	.25	2.58	.11	.38	.18
80	.49	.13	.16	.59	.07	.43	.19
AVG	.69	.28	.32	.93	.46	1.15	.48
ARM	.66	.57	.50	.85	.59	.53	.42
TOL	1.34	.85	.82	1.78	1.04	1.67	.90

Total Unit Cost Factors Table
Major Replacement Tasks MRT

AGE	HA	HB	HC	HD	HE	HT
1	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.56
6	.00	.00	.00	.00	.00	.02
7	.00	.00	.03	.00	.03	.02
8	.00	2.35	1.14	.68	1.19	2.37
9	.07	1.31	.01	.11	.18	.72
10	1.58	.96	2.71	2.76	.01	.16
11	.25	.15	.11	.06	.10	.37
12	.07	.16	.07	.12	.09	.29
13	.31	.24	.08	.05	.11	.84
14	.00	.70	.08	.09	.09	.24
15	.40	.14	.15	.04	.09	.31
16	.13	2.48	1.22	.76	1.33	3.63
17	.41	1.45	.08	.19	.24	1.15
18	.14	.19	.10	.10	.06	.53
19	1.96	.60	1.84	.44	1.43	.97
20	1.67	1.05	2.78	2.81	.08	.54
21	.80	.38	.79	.65	.81	1.55
22	.23	.21	.07	1.38	.10	.58
23	.37	.14	.13	.17	.10	.53
24	.14	2.51	1.23	.74	1.27	2.89
25	.17	1.38	.16	.18	.28	1.16
26	.41	.18	.12	.15	.12	.27
27	.05	.23	.11	.10	.43	.45
28	.35	1.20	.08	1.43	.10	.32
29	.80	.26	.11	.40	.56	1.11
30	20.90	1.76	2.79	3.00	.08	.27
31	.34	3.81	2.35	3.33	4.17	7.19
32	.28	.33	.30	.26	.46	.40
33	.17	1.56	.17	.28	.29	1.04
34	.35	.24	.13	.15	.16	.40
35	.12	.21	.26	.31	.20	.39
36	.79	.23	.36	.36	.17	.65
37	1.79	.67	1.93	.50	1.38	1.65
38	.41	.26	.34	.18	.29	.69
39	.45	3.54	4.00	3.64	1.39	2.99
40	1.81	.30	.15	.17	.24	.70
41	.99	2.34	.79	.97	.95	3.29
42	.20	.22	.07	.08	.18	.72
43	.34	.24	.13	.21	.09	.61
44	.40	.31	.27	.09	.46	.59
45	.17	.16	.13	.15	.18	1.06
46	.20	2.56	1.33	.85	1.40	3.47
47	.05	.12	.22	1.34	.17	.36
48	.23	1.08	2.89	2.83	.15	.39
49	1.70	1.42	.20	.28	.68	1.24
50	.26	.16	.08	.12	.20	.44
51	.64	.56	.40	.13	1.05	.76
52	.29	.28	.13	.32	.14	.35
53	.11	2.52	1.32	2.05	1.27	3.33
54	.21	.22	.16	.25	.13	.31
55	1.64	1.72	2.03	.50	1.61	.79
56	.61	.25	.15	.17	.31	.53
57	.90	2.38	3.06	3.35	.99	1.59
58	2.00	.30	.17	.16	.14	.62
59	19.40	.95	.13	.28	.15	.60
60	.32	.36	.15	.19	.14	.59
61	.74	1.48	1.85	3.68	3.27	5.98
62	.52	.30	.07	.23	.44	.72
63	.17	.27	.31	.13	.12	.58
64	.50	.21	.07	.18	.20	.72
65	.17	1.49	.15	.31	.35	1.37
66	.45	1.14	2.78	2.88	.16	.63
67	1.80	.26	.11	.13	.11	.60
68	.21	2.65	1.22	.78	1.29	3.05
69	.43	1.02	.11	.12	.12	1.23
70	.27	.31	.08	.30	4.90	9.14
71	1.03	.70	1.57	.24	.79	.89
72	.41	.32	.13	1.87	.25	.71
73	1.65	2.03	2.03	.67	1.60	1.81
74	.48	.42	.81	.32	.82	.66
75	.25	3.54	4.12	3.65	1.53	3.09
76	1.95	1.31	.18	2.76	.94	8.55
77	.35	.32	.17	.37	.32	1.50
78	.47	.38	.16	1.60	.27	.93
79	.28	.40	.32	.22	.65	1.14
80	.49	.34	.92	.41	.23	1.02
AVG	1.01	.85	.71	.76	.58	1.30
ARM	.63	.52	.63	.83	.88	1.26
TOL	1.65	1.38	1.34	1.59	1.46	2.56

Total Unit Cost Factors Table
Major Replacement Tasks MRT

AGE	U1	U2	U3	U4	U5	U6	U7
1	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00
4	.02	.01	.00	.01	.00	.00	.00
5	.04	.01	.06	.01	.02	.00	.02
6	.00	.00	.02	.01	.01	.01	.01
7	.01	.00	.05	.03	.02	.00	.17
8	.14	.01	.30	.48	.47	.01	.39
9	.09	.02	.28	1.47	1.34	.10	.67
10	.06	.01	.31	.15	.04	.11	.21
11	.10	.07	.22	.22	.08	.56	.17
12	.14	.08	.44	.25	.18	.40	.22
13	.19	.08	.31	.21	.08	.77	.26
14	.54	.10	.66	.51	.74	.71	.47
15	1.06	.30	.60	.39	.91	1.45	.90
16	.72	.13	.57	.93	.63	.51	.58
17	.16	.16	.33	1.72	1.41	.45	.92
18	.24	.30	.48	.46	.15	.65	.52
19	1.12	.62	.49	1.01	.63	.63	1.07
20	1.05	.40	.45	.65	.67	.72	.59
21	.21	.36	1.07	.73	.27	1.09	.54
22	.33	.21	.45	.55	.17	.36	.34
23	.39	.22	.20	.40	.60	.96	.54
24	.12	.22	.20	.70	.09	.42	.48
25	.32	.23	.47	2.04	2.00	.78	1.01
26	.21	.30	.57	.56	.25	1.81	.61
27	.69	.39	1.18	1.03	1.29	.75	.82
28	.21	.34	.66	.63	.08	1.89	.38
29	3.33	1.00	.74	.87	1.75	.91	1.71
30	.88	.43	1.16	.70	1.15	2.19	.87
31	2.17	1.48	1.06	1.35	3.24	1.14	1.44
32	.33	.36	.74	1.15	.28	1.59	.90
33	.38	.44	.62	2.16	1.47	.58	1.10
34	.36	.47	.57	.65	.14	.91	.67
35	.32	.41	.48	.86	.28	.41	.62
36	.33	.47	.35	.67	.18	.67	.40
37	.70	.84	.49	.86	.75	.52	.99
38	1.00	.40	.63	1.28	.71	.68	.73
39	.24	.42	.56	.83	.17	1.03	.54
40	2.01	.48	1.15	2.09	1.32	1.08	1.35
41	.52	.46	2.30	2.29	1.87	1.32	1.40
42	.18	.18	.96	.66	.14	.61	.44
43	.88	.42	.36	.48	.42	.99	.44
44	.64	.19	.47	.59	.46	.89	.55
45	.40	.24	.43	.52	.62	.44	.42
46	.31	.25	.30	.35	.20	.86	.31
47	.09	.21	.16	.31	.25	.49	.39
48	.20	.20	.49	.76	.13	.80	.50
49	.44	.26	.40	1.99	2.05	.73	.98
50	.16	.28	.49	.54	.14	.40	.42
51	.81	.49	.98	.71	1.18	1.22	.60
52	.50	.48	.85	.51	.63	1.45	.56
53	1.02	.47	.89	1.00	1.28	1.11	.77
54	.16	.71	.75	.64	.67	1.08	.57
55	.67	1.04	.89	.63	.62	1.49	1.03
56	.76	.83	.58	1.54	.19	2.05	.98
57	3.16	1.40	1.36	2.37	2.97	1.06	2.55
58	1.18	.78	.79	1.01	.39	.95	.94
59	1.26	.52	.83	1.08	1.01	1.38	1.14
60	.71	.53	.80	.47	.61	2.01	.46
61	1.94	2.18	2.39	1.61	3.05	1.51	1.56
62	.15	.61	.85	.49	.16	1.47	.50
63	.25	.56	.50	.99	.23	.92	.61
64	.17	.40	.98	1.10	.63	1.80	.84
65	.60	.51	.80	3.09	1.46	1.17	1.21
66	.44	.54	.64	.76	1.03	.56	.61
67	.27	.67	.46	.53	.58	.63	.46
68	.28	.41	.82	.88	.28	1.48	.43
69	.17	.50	.42	.63	.63	.57	.43
70	.26	.49	1.42	.75	.14	.85	.31
71	1.79	1.31	1.07	.94	2.10	1.74	1.73
72	1.02	.42	.69	.93	.44	.79	1.01
73	1.08	.96	1.02	2.72	2.14	1.92	1.83
74	.96	.54	.49	1.07	.64	.92	.95
75	.29	.42	1.04	2.32	.32	1.05	.57
76	1.69	1.13	.69	.93	2.08	2.87	.87
77	.28	.61	.80	.71	.28	.89	.54
78	.37	.52	.70	1.12	.18	1.86	.60
79	2.07	.50	1.18	1.44	1.49	1.25	1.18
80	.26	.42	.86	1.09	.17	2.01	.70
AVG	.61	.44	.65	.89	.72	.93	.69
ARM	.69	.53	.85	1.44	.84	1.45	.72
TOL	1.30	.97	1.50	2.33	1.56	2.38	1.41

Total Unit Cost Factors Table
Major Replacement Tasks MRT

AGE	U8	UA	UB	UC	UD	UE	UF
1	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.01	.00	.00	.00
4	.04	.01	.00	.00	.04	.01	.01
5	.04	.02	.13	.05	.06	.04	.19
6	.04	.02	.02	.01	.03	.09	.05
7	.04	.01	.02	.02	.15	.11	.04
8	.19	.09	.03	.52	.17	.22	.06
9	.55	.16	.51	.29	.22	.17	.34
10	.08	.17	.07	.28	.17	.16	.13
11	.27	.37	.44	.68	.33	.24	4.19
12	.21	.30	.18	.36	.36	.23	.15
13	.28	.25	.28	.46	.43	.47	.36
14	.44	.30	.23	.90	.38	.37	.14
15	.58	.37	.56	.49	.52	.54	.21
16	.58	.43	.26	.36	.39	.38	.27
17	.75	.29	.64	.46	.45	.31	.49
18	.39	.47	.25	.60	.46	.42	.29
19	.53	.49	.96	.69	.52	.44	.46
20	.61	.54	.29	.50	.47	.61	.23
21	.54	.62	.99	.61	.52	.49	4.61
22	.36	.51	.28	.21	.50	.40	.32
23	.36	.40	.22	.35	.34	.45	.33
24	.35	.32	.17	.29	.38	.36	.27
25	1.07	.42	.68	.35	.56	.59	.72
26	.43	.43	.26	.97	.80	1.12	.56
27	.46	.45	.41	1.68	1.64	1.82	.80
28	.68	1.43	.44	.90	.83	.95	.31
29	.66	1.76	1.05	1.10	1.43	4.15	1.96
30	.68	1.55	.61	.89	1.23	.71	.85
31	1.99	2.64	3.99	1.16	1.40	2.18	6.30
32	.92	1.53	.94	.47	.79	.67	1.05
33	.91	1.41	.80	.40	.58	.68	.69
34	.43	.64	.35	.38	.50	.47	.33
35	.60	.57	.29	.25	.48	.63	.45
36	.42	.45	.37	.40	.64	.49	.43
37	.51	.43	.51	.83	.60	.61	.71
38	.55	.60	.92	.64	.61	.69	.45
39	.57	.61	.34	.74	.51	.68	.51
40	.85	.69	.46	1.27	.82	.93	.46
41	1.32	.76	1.48	.83	.65	.71	5.06
42	.70	.51	.61	.28	.38	.33	.25
43	.56	.50	.48	.21	.43	.34	.27
44	.50	.33	.30	.25	.72	.34	.31
45	.44	.40	.33	.76	.49	.55	.45
46	.49	.38	.26	.44	.42	.42	.30
47	.30	.26	.23	.42	.42	.46	.33
48	.42	.37	.21	.62	.39	.46	.25
49	.84	.42	.74	.33	.53	.45	.70
50	.45	.44	.25	.25	.46	.46	.33
51	.40	.67	.81	.61	.58	.62	4.52
52	.50	.60	.35	.94	.66	1.01	.35
53	.69	.73	.51	1.41	.74	.80	.65
54	.59	.55	.35	1.13	.80	2.06	.71
55	.83	.60	.49	.77	1.74	2.03	1.50
56	.83	.84	.99	.57	.93	.66	.43
57	1.30	.97	1.44	1.54	1.82	4.35	1.55
58	.74	1.86	.49	.39	1.32	.71	.70
59	.74	1.63	.64	.69	1.65	2.54	1.58
60	.58	1.90	.46	.47	.74	1.84	.49
61	2.58	2.87	4.43	1.10	.76	1.25	6.32
62	.84	1.61	.71	.54	.83	.61	1.04
63	.56	1.52	.66	.93	.80	.77	.37
64	.64	.64	.29	.53	.54	.53	.50
65	1.19	.74	.75	.81	.74	.86	1.16
66	.32	.51	.32	1.04	.69	.53	.37
67	.45	.55	.26	.58	.72	1.55	.35
68	.65	.74	.33	.48	.85	.53	.55
69	.50	.77	.55	.53	.70	.73	.49
70	.45	.86	.32	.34	.66	.53	.37
71	.85	.97	.97	.84	.73	.79	4.79
72	.68	.91	.46	.78	.89	.76	.40
73	1.33	.85	1.58	.88	.93	.82	.87
74	.68	.79	.94	.77	.88	.68	.42
75	.76	.76	.46	.62	.85	.76	.38
76	1.02	1.17	1.79	1.99	.96	1.67	3.64
77	.60	.71	.50	.45	.77	.71	.58
78	.59	.79	.50	.89	.77	1.02	.53
79	.73	.79	.52	1.50	.77	1.24	.66
80	.57	.72	.38	.88	.86	1.01	.58
AVG	.60	.70	.59	.62	.65	.78	.94
ARM	.80	.81	.82	1.39	1.02	1.02	1.87
TOL	1.40	1.51	1.41	2.01	1.67	1.80	2.81

Total Unit Cost Factors Table
Major Replacement Tasks MRT

AGE	UG	UH	UI	UJ	UK	UL	UM
1	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.02
4	.00	.00	.00	.01	.00	.02	.01
5	.11	.00	.01	.02	.05	.10	.02
6	.01	.02	.01	.01	.02	.01	.02
7	.00	.05	.02	.03	.04	.00	.16
8	.20	.05	.07	.08	.29	.42	.17
9	.36	.16	.11	.10	.39	.61	.23
10	.56	.05	.03	.11	.30	.23	.25
11	.42	.12	.21	.14	.12	.39	.61
12	.21	.03	.98	.09	.12	.47	.68
13	.36	.01	1.11	.09	.25	1.09	.80
14	.53	.06	1.47	.25	.13	.55	.99
15	.82	.14	1.29	.25	.31	1.80	1.15
16	.64	.05	1.39	.17	.43	1.12	.77
17	.54	.17	.66	.16	.56	1.34	.96
18	.27	.05	1.42	.27	.88	.62	.69
19	3.08	.05	1.68	.37	2.05	2.33	.98
20	.40	.01	.72	.32	.22	1.84	.91
21	1.13	.15	1.84	.37	.66	1.24	.49
22	.25	.05	.94	.17	.25	1.05	.62
23	.52	.05	1.25	.18	1.11	.68	1.31
24	.24	.05	.27	.18	.25	.52	.46
25	.76	.17	.28	.25	.56	.86	.97
26	.69	.65	.82	.29	.41	.81	1.44
27	.98	1.62	1.90	.68	1.47	1.20	1.10
28	.39	1.20	2.21	.56	.26	1.53	1.40
29	13.60	1.36	.86	2.27	.50	2.31	1.57
30	1.23	1.47	2.50	1.04	.50	1.53	.78
31	3.59	1.82	2.22	1.23	1.85	4.62	.84
32	.59	.07	1.52	.56	.87	.74	1.54
33	.69	.16	1.54	.58	.65	1.75	1.09
34	.47	.07	1.98	.21	.35	.90	1.12
35	.31	.03	.91	.30	.34	.56	1.32
36	.44	.06	1.91	.35	.32	.54	.68
37	.76	.07	1.67	.34	2.56	2.00	.91
38	1.24	.06	1.17	.43	.92	1.71	.93
39	.47	.07	.86	.28	.36	1.30	1.07
40	1.07	.10	1.22	.58	.48	3.07	1.64
41	1.43	.29	.54	.43	1.44	2.83	1.61
42	.74	.01	.30	.23	1.10	.91	.93
43	.42	.12	.52	.16	.23	1.48	.67
44	.31	.06	1.59	.29	.43	1.18	.59
45	.54	.08	.66	.24	.44	.78	1.06
46	.31	.07	1.17	.18	.51	.86	.50
47	.91	.07	1.09	.21	.24	.94	.59
48	2.09	.07	1.42	.16	.26	.69	.51
49	1.06	.14	1.18	.23	.61	1.78	.62
50	.38	.03	1.12	.21	.26	.84	.68
51	.93	.17	1.29	.44	.88	1.16	1.22
52	.60	.23	1.44	.34	.49	1.42	1.04
53	1.12	.13	2.99	.68	1.36	1.65	1.15
54	.66	.67	.87	.53	.26	.67	1.28
55	1.39	1.66	1.73	.90	1.85	1.94	1.50
56	.66	1.38	.36	.61	1.49	1.09	1.75
57	13.30	1.50	1.67	2.48	.72	2.98	1.41
58	.59	1.44	1.07	1.07	.33	1.75	1.33
59	.98	1.69	1.61	1.07	.56	2.31	1.90
60	.49	.21	1.52	.93	.53	1.37	.81
61	4.62	.38	2.62	1.28	2.76	4.68	.97
62	.74	.09	1.25	.78	.42	.54	1.71
63	.64	.06	2.19	.71	.54	.83	.91
64	1.23	.16	1.07	.44	.61	.43	1.01
65	1.15	.22	2.00	.51	.60	1.79	1.78
66	.69	.07	1.96	.43	.35	.64	.95
67	.42	.08	.91	.41	.78	1.06	1.05
68	.33	.22	2.16	.46	.26	.99	1.72
69	1.02	.18	1.18	.35	.35	1.00	1.15
70	.41	.09	1.40	.30	.28	1.18	1.30
71	1.31	.22	.82	.37	1.46	2.46	1.12
72	.49	.22	.36	.36	.44	2.17	3.40
73	1.67	.26	1.44	.61	2.58	3.10	2.22
74	.61	.09	.45	.43	1.03	1.98	1.33
75	1.00	.10	.24	.41	1.02	1.36	2.70
76	3.96	.40	2.68	1.19	1.38	3.98	1.94
77	.70	.08	.65	.36	.41	.87	1.23
78	.81	.14	2.25	.46	.64	1.90	3.27
79	1.10	.18	2.30	.60	2.83	3.37	1.36
80	.53	.10	1.92	.35	1.16	1.34	1.75
AVG	1.13	.30	1.16	.44	.68	1.33	1.06
ARM	1.02	.34	1.24	.53	.73	1.41	1.31
TOL	2.15	.64	2.40	.97	1.41	2.74	2.37

Total Unit Cost Factors Table
Major Replacement Tasks MRT

AGE	UN	UO	UP	UQ	UR	US	UT
1	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00
3	.02	.00	.00	.00	.00	.00	.01
4	.01	.05	.07	.05	.00	.02	.11
5	.02	.05	.07	.04	.02	.06	.11
6	.02	.01	.00	.01	.01	.01	.01
7	.16	.06	.02	.05	.04	.10	.14
8	.17	.18	.10	.11	.24	.29	.47
9	.23	.20	.14	.13	.40	.28	1.04
10	.25	.18	.10	.17	.18	.17	.22
11	.61	.26	.22	.38	.22	.35	.27
12	.68	.34	.32	.32	.23	.13	.64
13	.80	.38	.41	.55	.34	.24	.46
14	.99	.46	.48	.42	.28	.54	.71
15	1.15	.51	.50	.66	.49	.37	1.44
16	.77	.54	.59	.61	.93	.63	1.15
17	.96	.55	.48	.40	.57	.60	1.06
18	.69	.54	.42	.68	.39	.32	1.11
19	.98	.56	.51	.61	.51	.78	.63
20	.91	.63	.54	.65	.28	.52	.95
21	.49	.67	.60	.68	1.03	1.02	1.13
22	.62	.56	.57	.57	.36	.22	1.41
23	1.31	.56	.55	.53	.45	.54	.93
24	.46	.51	.46	.52	.48	.17	.61
25	.97	.54	.44	.49	.75	.54	2.13
26	1.44	.60	.44	.79	.63	10.70	.98
27	1.10	.63	.59	.75	.48	.54	1.42
28	1.40	.75	.72	.95	.87	.16	.89
29	1.57	.65	.77	.77	.59	1.12	1.33
30	.78	.58	.61	.88	.81	1.48	1.74
31	.84	.66	.61	.90	.61	1.54	1.49
32	1.54	.86	.84	.87	.83	.88	1.30
33	1.09	.86	.78	.94	1.14	.58	1.69
34	1.12	.72	.63	.72	1.10	.35	1.35
35	1.32	.71	.66	.70	.52	.68	1.12
36	.68	.75	.66	.71	.56	.20	.87
37	.91	.80	.69	.88	1.02	.87	1.17
38	.93	.84	.62	.73	.85	.84	1.09
39	1.07	.89	.65	.88	1.27	.64	.87
40	1.64	.87	.71	.82	.70	.55	2.56
41	1.61	.79	.76	.85	.97	1.58	1.91
42	.93	.50	.56	.61	.65	.65	.90
43	.67	.38	.45	.50	.38	.25	.68
44	.59	.43	.52	.63	.48	.58	1.11
45	1.06	.42	.32	.51	.39	.65	.86
46	.50	.34	.23	.53	.27	.46	.84
47	.59	.34	.22	.40	.27	.36	.76
48	.51	.43	.31	.49	.46	.43	.71
49	.62	.49	.42	.45	.67	.47	1.72
50	.68	.60	.57	.71	.58	.46	.62
51	1.22	.64	.57	.62	.42	10.90	1.05
52	1.04	.81	.63	.74	1.26	.49	.76
53	1.15	.86	.56	.76	.47	.97	1.92
54	1.28	.72	.50	.73	.54	.25	2.17
55	1.50	.75	.76	1.10	.57	.49	1.05
56	1.75	.93	.89	1.03	.63	.65	1.16
57	1.41	.96	.91	1.15	1.49	1.58	2.48
58	1.33	.90	.95	1.15	.77	.68	2.01
59	1.90	.87	.79	1.07	1.09	1.76	1.17
60	.81	.75	.67	.95	.90	.53	1.33
61	.97	.64	.65	1.05	.54	2.26	2.85
62	1.71	.73	.57	.85	.62	.51	.39
63	.91	.77	.53	.87	.95	.73	.90
64	1.01	.79	.59	.89	.69	.24	1.64
65	1.78	.82	.58	.93	1.05	.56	1.93
66	.95	.73	.37	.73	.56	.42	1.23
67	1.05	.77	.46	.96	.90	.54	1.31
68	1.72	.93	.72	1.04	.66	.65	.90
69	1.15	.81	.73	.96	.60	.49	1.22
70	1.30	.76	.60	1.03	1.38	.39	1.61
71	1.12	.83	.64	1.11	.67	.58	1.49
72	3.40	.95	.80	1.22	.79	.57	1.49
73	2.22	.95	.60	1.27	1.13	1.28	2.15
74	1.33	.89	.49	1.22	.79	1.10	1.22
75	2.70	.89	.56	1.53	4.01	.51	1.14
76	1.94	.81	.67	.94	.76	11.90	1.71
77	1.23	.87	.65	1.07	.86	.71	.94
78	3.27	.86	.48	1.01	.86	.93	1.40
79	1.36	.85	.59	.92	.97	.80	1.40
80	1.75	.86	.55	1.15	1.37	.28	1.54
AVG	1.06	.61	.51	.71	.67	.98	1.13
ARM	1.31	.78	.67	.86	.95	.92	1.28
TOL	2.37	1.39	1.18	1.57	1.62	1.90	2.41

Total Unit Cost Factors Table
Major Replacement Tasks MRT

AGE	UU	UV	UW	UX	UY	UZ
1	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.01	.00
4	.00	.00	.06	.00	.03	.00
5	.00	.05	.06	.03	.13	.04
6	.01	.00	.00	.00	.02	.00
7	.02	.00	.00	.09	.18	.00
8	.11	.12	.50	.12	.82	.00
9	.05	.08	.40	.25	1.00	.13
10	.03	.03	.03	.04	.42	.13
11	.04	.15	.22	.39	.34	1.34
12	.06	.10	.17	.35	.58	.15
13	.03	.14	1.01	.18	.30	.17
14	.93	.85	.43	.66	.55	.25
15	.12	1.15	.89	.86	.71	.69
16	.11	.39	.61	.29	1.64	.23
17	.10	.18	.59	.36	.97	.23
18	.06	.09	.56	.21	.86	.15
19	.62	1.44	.90	.83	.86	1.00
20	.08	.16	.17	.55	.57	.39
21	.21	1.05	.38	.94	1.43	1.61
22	.07	.10	.31	.18	.45	.25
23	.19	.48	.47	.28	.77	.22
24	.07	.11	.71	.17	1.08	.17
25	.09	.19	2.06	.41	1.43	.38
26	.08	.13	.71	.54	.50	2.13
27	1.35	1.30	2.07	1.31	6.76	1.77
28	.09	.13	1.05	.46	1.12	.21
29	.20	.38	1.22	.44	.87	1.10
30	.17	1.73	.90	.80	7.72	.75
31	.68	2.33	1.35	1.12	.78	2.61
32	.10	.49	.60	1.95	1.90	.49
33	.12	.56	1.22	.55	1.73	.31
34	.12	.22	.19	.31	1.51	.16
35	.09	.19	1.62	.54	.95	.24
36	.14	.43	.19	.32	1.06	.18
37	.25	1.32	.59	.46	.90	.96
38	.87	.55	.91	.53	1.01	.30
39	.13	.17	.27	.49	1.62	.22
40	1.00	1.02	.96	1.49	1.26	.61
41	.31	2.51	1.34	2.47	1.33	1.76
42	.08	.16	.33	.41	1.37	.22
43	.23	.12	.75	.23	.67	.52
44	.32	1.18	.32	.48	.68	.30
45	.27	.26	.75	.53	.70	.26
46	.27	.25	.25	.16	.55	.33
47	.23	.10	.08	.20	.86	.12
48	.25	.10	.64	.30	1.15	.14
49	.26	.17	1.28	.45	1.67	.31
50	.24	.11	.20	.10	1.13	.25
51	.13	.43	.42	.56	.70	3.42
52	.13	.61	.75	.56	1.24	.34
53	1.31	1.46	.88	1.08	.56	1.79
54	.08	.19	2.08	.74	.65	.34
55	.13	1.29	1.11	1.00	7.03	.88
56	.13	.39	1.13	.54	1.70	.33
57	.76	.64	2.58	.83	2.23	1.04
58	.19	.99	.90	.65	7.47	.46
59	.14	.98	1.35	.69	1.14	.80
60	.14	.31	.29	.45	.66	.32
61	8.77	3.32	1.05	1.53	.90	3.00
62	.10	.37	.50	.34	.82	4.32
63	.13	.38	1.33	1.95	1.26	.49
64	.10	.18	2.07	.74	1.72	.39
65	.23	.82	.69	.62	1.43	.34
66	.99	.98	.43	.83	.69	.34
67	.13	.27	.64	.80	.64	.23
68	.12	.19	.27	.19	.69	.22
69	.09	.29	.95	.37	.82	.29
70	.11	.15	.62	.81	1.65	.24
71	1.28	.93	.71	1.28	.69	2.26
72	.19	1.08	.77	.71	2.32	.36
73	.18	1.68	.94	1.21	2.33	1.19
74	.13	.61	1.23	.88	.99	.32
75	.84	.29	.76	.74	2.16	.12
76	3.90	.69	1.59	.72	1.28	2.84
77	.12	.36	.24	.44	.75	.22
78	.16	.56	.49	.56	.70	1.73
79	1.47	1.45	1.27	1.46	1.00	2.04
80	.13	.23	.72	.62	1.85	.25
AVG	.41	.56	.74	.60	1.29	.68
ARM	.46	.86	1.09	.55	1.15	.82
TOL	.87	1.42	1.83	1.15	2.44	1.50

Code ID FA TOTL FAMILY HOUSING (UPTO 1950)
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.10
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.050	.190	.240	.300	.280
1	.530	.440	.360	.470	.560	.600	.570	.660	.620	.450
2	.400	.530	.520	.450	.480	.790	.620	.690	.820	.870
3	.980	1.130	1.060	.960	.850	.530	.680	.700	.750	.710
4	.880	.700	.820	1.000	1.040	.890	.930	1.020	1.000	.930
5	.890	1.080	.880	.870	.950	1.170	1.000	1.360	1.330	1.350
6	1.580	1.510	1.700	1.250	1.620	.970	1.260	1.330	1.410	1.300
7	1.590	2.210	1.740	1.480	1.770	1.520	1.450	1.580	1.670	1.320

Code ID FB TOTL FAMILY HOUSING (1951 ON)
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .79
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.130	.250	.280	.270
1	.310	.310	.340	.420	.490	.500	.460	.620	.560	.470
2	.480	.380	.460	.480	.490	.570	.450	.460	.500	.470
3	.630	.670	.660	.510	.580	.600	.630	.680	.870	.880
4	.810	.500	.370	.320	.320	.290	.410	.440	.460	.510
5	.540	.620	.620	.570	.730	.880	.940	.850	.750	.630
6	.550	.520	.590	.670	.720	.650	.670	.700	.710	.640
7	1.200	1.440	1.440	1.080	1.110	1.260	1.080	1.180	1.050	1.380

Code ID FC TOTL FAMILY HOUSING (CAPEHART)
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.50
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.010	.060	.120	.200	.290
1	.610	.770	.800	.860	.880	.680	.670	.890	.910	.840
2	.720	.610	.640	.570	.840	1.310	1.290	1.270	1.150	1.020
3	1.250	1.250	1.220	1.110	1.220	.920	.950	1.130	1.440	1.380
4	1.340	.990	.810	.760	.690	.650	.710	.700	.790	.930
5	1.060	1.200	1.190	1.130	1.080	1.480	1.530	1.580	1.540	1.460
6	1.260	1.350	1.350	1.320	1.470	1.160	1.210	1.200	1.170	1.130
7	1.670	1.730	1.710	1.660	1.620	1.450	1.720	1.830	1.810	1.720

Code ID FW TOTL FAMILY HOUSING (WHERRY)
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.50
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.080	.170	.270	.340
1	.750	.770	.720	.730	.770	.840	.830	1.310	1.350	1.210
2	.970	.710	.630	.550	.650	1.140	1.130	1.210	1.280	1.280
3	1.540	1.600	1.480	1.390	1.560	1.150	1.160	1.250	1.470	1.410
4	1.590	1.340	1.100	1.040	1.060	.930	.940	.970	1.080	1.160
5	1.230	1.230	1.210	1.080	1.210	2.040	2.110	2.180	2.110	1.870
6	1.700	1.740	1.780	1.630	1.670	1.070	1.260	1.340	1.400	1.350
7	1.870	2.130	2.090	1.940	1.960	1.960	1.970	2.030	2.050	1.780

Code ID G2 GERM CONTINUING EDUCATION
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .60
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.000	.630	.110	.720
1	.170	.110	.100	.080	.070	.820	.110	.080	1.400	.790
2	.520	.160	.080	.700	.200	.120	.070	.130	.310	.950
3	2.290	.250	.200	.190	.190	.180	1.450	.210	1.640	.170
4	.590	.160	.200	.100	.170	.850	.110	.830	.250	.180
5	1.160	.180	.800	.130	1.320	.240	.930	.210	.320	.240
6	2.030	.200	.190	.140	.250	.840	.160	.770	.280	1.290
7	1.750	.220	1.370	.230	1.480	2.010	.310	.210	.360	.230

Code ID G3 GERM PHYSICAL FITNESS CENTER
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .57
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.030	.000	.030	.030	.000	.890	.070	2.290
1	.080	.100	.090	.070	.250	.970	.070	.070	.100	2.380
2	.200	.090	.310	1.130	.130	.050	.200	.230	.100	2.450
3	2.430	.210	.470	.130	.140	.180	.190	.330	3.160	.220
4	4.430	.250	.080	.110	.070	.920	.100	2.280	.130	.070
5	.550	.250	1.100	.110	.130	.210	2.330	.380	.260	.130
6	1.640	.120	.300	.120	.070	2.380	.130	1.110	.300	.300
7	.320	.280	.260	.320	3.340	.640	.310	.300	.440	.340

Code ID G5 GERM CONSOLIDATED OPEN DINNING
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .52
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.050	.000	.000	.000	.900	1.620	.110
1	.150	.100	.110	.120	.150	1.030	1.690	.150	3.420	1.830
2	.700	.130	.630	1.010	1.720	.230	.120	.170	.280	.300
3	2.200	.280	1.740	.190	.270	.270	.450	3.810	1.100	2.060
4	2.290	.180	.220	.280	.130	1.040	.140	.370	1.750	.140
5	.890	.140	2.120	.110	.420	3.220	2.100	.150	2.030	.160
6	1.750	.280	.190	.180	1.840	.120	.160	1.540	.230	2.730
7	1.290	.380	1.970	3.210	1.110	.580	1.920	.230	.320	.300

Code ID G7 GERM RETAIL STORE
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .38
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.160	.030	.000	.590	.000	.530
1	.040	.080	.060	.030	.210	.640	.070	.040	.320	1.620
2	.330	.120	.110	.630	.260	.580	.040	.190	.040	.970
3	2.060	.220	.100	.290	.210	.180	.310	.140	1.300	1.660
4	.330	.050	.200	.090	.100	.700	.140	.680	.130	.170
5	.730	.320	.750	.110	.440	.090	.730	.080	.620	1.080
6	1.910	.070	.100	.090	.230	.630	.080	.710	.050	.120
7	.750	.130	.330	.150	1.240	3.660	.090	.120	1.600	.390

Code ID GA GERM GENERAL INSTRUCTIONAL BUILDINGS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.84
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.070	.010	.190	1.250	.170
1	.130	.230	.060	.790	.030	.370	2.620	.100	.650	.930
2	.220	.160	.040	.390	1.340	.040	1.010	1.380	.880	7.920
3	2.010	.220	2.710	.050	.380	.200	.660	.140	.640	.630
4	2.260	.100	.080	.270	.050	.210	.140	.290	3.400	.130
5	.590	.190	.260	.120	2.060	.220	3.120	.120	8.490	.270
6	1.730	.080	.090	.290	2.680	.290	.180	.240	.810	.200
7	.780	.330	2.160	.220	.750	.540	.330	.310	1.520	.570

Code ID GD GERM ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .52
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.030	.010	.790	.010	1.820
1	.070	.070	.070	.070	.090	.850	.100	.110	.400	1.860
2	.360	.160	.220	.860	.070	.250	.150	.150	.160	5.000
3	1.960	.220	.190	.140	.120	.190	.430	.340	2.670	.180
4	.340	.130	.130	.190	.120	.870	.130	1.890	.200	.150
5	.400	.120	1.190	.140	.480	.180	2.080	.180	3.240	.160
6	1.380	.210	.110	.140	.130	1.910	.070	1.040	.060	.410
7	.280	.200	.450	.220	2.680	2.120	.180	.240	.260	.240

Code ID GJ GERM GENERAL PURPOSE WAREHOUSE
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .43
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.010	.160	.000	.000	.450	.050	1.810
1	.030	.020	.020	.030	.180	.540	.060	.030	.400	1.850
2	.160	.030	.040	.470	.220	.030	.040	.020	.060	6.420
3	.920	.070	.080	.200	.070	.050	.420	.060	2.220	.170
4	.240	.040	.210	.040	.050	.600	.080	1.830	.220	.090
5	.090	.210	.500	.040	.410	.050	1.840	.140	4.640	.090
6	3.290	.040	.040	.060	.060	1.790	.100	.470	.050	.040
7	.090	.060	.450	.070	2.230	1.770	.070	.080	.100	.230

Code ID GN GERM GENERAL PURPOSE ADMINISTRATION
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .66
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.020	.010	.000	.810	.590	.570
1	.120	.080	.080	.070	.110	1.020	.780	.210	.790	1.350
2	.690	.240	.220	1.030	.820	.240	.130	.220	.550	3.230
3	1.710	.320	.900	.240	.370	.390	1.010	.380	1.700	.980
4	2.150	.170	.300	.290	.320	1.310	.530	1.090	.870	.560
5	.640	.450	1.210	.440	1.130	.450	1.480	.460	3.490	.510
6	1.270	.320	.250	.200	.890	.870	.260	1.070	.300	1.910
7	.610	.160	1.550	.340	1.650	1.180	1.050	.480	.210	.490

Code ID GO GERM UNACOMPANIED PERSONNEL HOUSING, ENLISTED
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .57
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.010	.010	.070	.110	.010
1	.050	.040	.040	.040	.040	.110	.140	.040	1.440	.050
2	.200	.060	.060	.130	.210	.110	.160	.160	.180	.180
3	.280	.220	.310	.210	.230	.220	1.610	.220	.300	.220
4	.460	.150	.140	.140	.100	.170	.090	.110	.210	.100
5	.720	.110	.180	.120	1.550	.170	.260	.160	.170	.170
6	.290	.200	.220	.200	.310	.200	.190	.240	.190	2.700
7	.550	.180	1.650	.180	.240	.950	.220	.210	.210	.130

Code ID GQ GERM DINNING FACILITIES
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .50
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.000	.330	.020	.380
1	.060	.060	.070	.040	.060	.460	.070	.100	.210	.430
2	.250	.070	.090	.370	.060	.050	.120	.090	.230	.470
3	2.040	.130	.110	.090	.100	.150	.230	.130	.780	.140
4	.300	.110	.120	.100	.110	.490	.110	.440	.210	.100
5	2.680	.090	.400	.090	.220	.100	.670	.160	.180	.100
6	1.890	.100	.110	.080	.090	.390	.090	.400	.070	4.590
7	.620	.160	.290	.130	.780	.290	.150	.170	.250	.160

Code ID GT GERM CHAPELS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .85
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.070	.070	.140	.080	.080	1.210	1.050	1.830
1	.180	.290	.220	.260	.380	1.330	1.090	.190	1.180	2.710
2	.730	.320	.200	1.400	1.220	.290	1.140	.190	1.220	1.940
3	2.850	.520	.940	.600	.380	.600	1.240	.360	3.320	1.510
4	1.660	.550	.450	.210	.410	1.630	.510	2.210	2.480	.540
5	.330	.540	1.500	.300	1.120	.390	4.530	.340	.440	1.090
6	2.240	.380	.300	.420	1.060	1.940	.310	1.390	.380	.400
7	.600	.460	2.070	.420	3.280	.420	.270	.390	2.580	.590

Code ID GW GERM AUDITORIUM/THEATER
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .59
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.000	1.100	.010	.020
1	.040	.130	.040	.090	.070	1.260	.100	.030	1.000	.040
2	.260	.040	.050	1.140	.090	.140	.050	.140	.270	.630
3	3.340	.090	.070	.150	.110	.100	1.020	.120	1.220	.180
4	.670	.110	.100	.060	.110	1.270	.110	.130	.070	.120
5	.110	.120	1.200	.170	1.100	.120	.220	.110	.650	.120
6	2.330	.100	.040	.170	.090	.170	.080	1.220	.170	7.240
7	.850	.130	1.030	.100	1.300	1.240	.120	.120	.110	.070

Code ID GY GERM CHILD SUPPORT CENTER
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .53
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.000	.030	1.160	.130
1	.610	.160	.300	.130	.220	.340	1.270	.240	4.040	.350
2	1.500	.260	.230	.270	1.210	.220	.250	.370	.680	16.800
3	2.240	.270	1.420	.340	.490	.290	4.110	.430	.490	.420
4	2.610	.340	.260	.200	.360	.430	.260	.230	1.450	.180
5	1.500	.190	.430	.210	4.040	.360	1.430	.400	17.000	.480
6	2.980	.310	.400	.350	1.320	.340	.490	.270	.550	.280
7	2.310	.340	5.090	.450	.430	.540	.380	.540	.380	.430

Code ID GZ GERM COMMISSARY
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .42
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.010	.000	.010	.000	.610	.020	2.430
1	.090	.070	.050	.060	.100	.760	.070	.080	.640	2.470
2	.180	.070	.120	.710	.250	.090	.100	.070	.100	2.510
3	1.040	.130	.140	.080	.310	.140	.670	.150	3.180	.110
4	.190	.080	.720	.090	.060	.760	.070	2.490	.070	.080
5	.610	.150	.720	.250	.660	.100	2.590	.110	.200	.130
6	.530	.130	.090	.260	.100	2.490	.070	.690	.080	.140
7	.410	.160	.720	.160	3.180	1.130	.220	.160	.180	.190

Code ID HA GERM CONFINEMENT FACILITY
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .63
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.000	.000	.070	1.580
1	.250	.070	.310	.000	.400	.130	.410	.140	1.960	1.670
2	.800	.230	.370	.140	.170	.410	.050	.350	.800	20.900
3	.340	.280	.170	.350	.120	.790	1.790	.410	.450	1.810
4	.990	.200	.340	.400	.170	.200	.050	.230	1.700	.260
5	.640	.290	.110	.210	1.640	.610	.900	2.000	19.400	.320
6	.740	.520	.170	.500	.170	.450	1.800	.210	.430	.270
7	1.030	.410	1.650	.480	.250	1.950	.350	.470	.280	.490

Code ID HB GERM GENERAL PURPOSE ADMINISTRATION
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .52
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.000	2.350	1.310	.960
1	.150	.160	.240	.700	.140	2.480	1.450	.190	.600	1.050
2	.380	.210	.140	2.510	1.380	.180	.230	1.200	.260	1.760
3	3.810	.330	1.560	.240	.210	.230	.670	.260	3.540	.300
4	2.340	.220	.240	.310	.160	2.560	.120	1.080	1.420	.160
5	.560	.280	2.520	.220	1.720	.250	2.380	.300	.950	.360
6	1.480	.300	.270	.210	1.490	1.140	.260	2.650	1.020	.310
7	.700	.320	2.030	.420	3.540	1.310	.320	.380	.400	.340

ode ID HC GERM POST OFFICE
it Cost Special Condition Multiplier 1.00
nual Recurring Maintenance Factor .63
RT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.030	1.140	.010	2.710
1	.110	.070	.080	.080	.150	1.220	.080	.100	1.840	2.780
2	.790	.070	.130	1.230	.160	.120	.110	.080	.110	2.790
3	2.350	.300	.170	.130	.260	.360	1.930	.340	4.000	.150
4	.790	.070	.130	.270	.130	1.330	.220	2.890	.200	.080
5	.400	.130	1.320	.160	2.030	.150	3.060	.170	.130	.150
6	1.850	.070	.310	.070	.150	2.780	.110	1.220	.110	.080
7	1.570	.130	2.030	.810	4.120	.180	.170	.160	.320	.920

Code ID HD GERM AUTO SERVICE STATION
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .83
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.000	.680	.110	2.760
1	.060	.120	.050	.090	.040	.760	.190	.100	.440	2.810
2	.650	1.380	.170	.740	.180	.150	.100	1.430	.400	3.000
3	3.330	.260	.280	.150	.310	.360	.500	.180	3.640	.170
4	.970	.080	.210	.090	.150	.850	1.340	2.830	.280	.120
5	.130	.320	2.050	.250	.500	.170	3.350	.160	.280	.190
6	3.680	.230	.130	.180	.310	2.880	.130	.780	.120	.300
7	.240	1.870	.670	.320	3.650	2.760	.370	1.600	.220	.410

Code ID HE GERM PHYSICAL FITNESS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .88
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.030	1.190	.180	.010
1	.100	.090	.110	.090	.090	1.330	.240	.060	1.430	.080
2	.810	.100	.100	1.270	.280	.120	.430	.100	.560	.080
3	4.170	.460	.290	.160	.200	.170	1.380	.290	1.390	.240
4	.950	.180	.090	.460	.180	1.400	.170	.150	.680	.200
5	1.050	.140	1.270	.130	1.610	.310	.990	.140	.150	.140
6	3.270	.440	.120	.200	.350	.160	.110	1.290	.120	4.900
7	.790	.250	1.600	.820	1.530	.940	.320	.270	.650	.230

Code ID HT GERM FAMILY HOUSING
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.26
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.560	.020	.020	2.370	.720	.160
1	.370	.290	.840	.240	.310	3.630	1.150	.530	.970	.540
2	1.550	.580	.530	2.890	1.160	.270	.450	.320	1.110	.270
3	7.190	.400	1.040	.400	.390	.650	1.650	.690	2.990	.700
4	3.290	.720	.610	.590	1.060	3.470	.360	.390	1.240	.440
5	.760	.350	3.330	.310	.790	.530	1.590	.620	.600	.590
6	5.980	.720	.580	.720	1.370	.630	.600	3.050	1.230	9.140
7	.890	.710	1.810	.660	3.090	8.550	1.500	.930	1.140	1.020

Code ID U1 TOTL ARTS & CRAFTS CENTER
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .69
MRT For Major Cost Tasks and Replacement Tasks

	Age								
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.020	.040	.000	.010	.140	.090	.060
1	.100	.140	.190	.540	1.060	.720	.160	.240	1.120	1.050
2	.210	.330	.390	.120	.320	.210	.690	.210	3.330	.880
3	2.170	.330	.380	.360	.320	.330	.700	1.000	.240	2.010
4	.520	.180	.880	.640	.400	.310	.090	.200	.440	.160
5	.810	.500	1.020	.160	.670	.760	3.160	1.180	1.260	.710
6	1.940	.150	.250	.170	.600	.440	.270	.280	.170	.260
7	1.790	1.020	1.080	.960	.290	1.690	.280	.370	2.070	.260

Code ID U2 TOTL CONTINUING EDUCATION
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .53
MRT For Major Cost Tasks and Replacement Tasks

	Age								
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.010	.010	.000	.000	.010	.020	.010
1	.070	.080	.080	.100	.300	.130	.160	.300	620	.400
2	.360	.210	.220	.220	.230	.300	.390	.340	1.000	.430
3	1.480	.360	.440	.470	.410	.470	.840	.400	.420	.480
4	.460	.180	.420	.190	.240	.250	.210	.200	.260	.280
5	.490	.480	.470	.710	1.040	.830	1.400	.780	.520	.530
6	2.180	.610	.560	.400	.510	.540	.670	.410	.500	.490
7	1.310	.420	.960	.540	.420	1.130	.610	.520	.500	.420

Code ID U3 TOTL PHYSICAL FITNESS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .85
MRT For Major Cost Tasks and Replacement Tasks

	Age								
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.060	.020	.050	.300	.280	.310
1	.220	.440	.310	.660	.600	.570	.330	.480	.490	.450
2	1.070	.450	.200	.200	.470	.570	1.180	.660	.740	1.160
3	1.060	.740	.620	.570	.480	.350	.490	.630	.560	1.150
4	2.300	.960	.360	.470	.430	.300	.160	.490	.400	.490
5	.980	.850	.890	.750	.890	.580	1.360	.790	.830	.800
6	2.390	.850	.500	.980	.800	.640	.460	.820	.420	1.420
7	1.070	.690	1.020	.490	1.040	.690	.800	.700	1.180	.860

Code ID U4 TOTL TRANSIENT HOUSING
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.44
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.010	.010	.010	.030	.480	1.470	.150
1	.220	.250	.210	.510	.390	.930	1.720	.460	1.010	.650
2	.730	.550	.400	.700	2.040	.560	1.030	.630	.870	.700
3	1.350	1.150	2.160	.650	.860	.670	.860	1.280	.830	2.090
4	2.290	.660	.480	.590	.520	.350	.310	.760	1.990	.540
5	.710	.510	1.000	.640	.630	1.540	2.370	1.010	1.080	.470
6	1.610	.490	.990	1.100	3.090	.760	.530	.880	.630	.750
7	.940	.930	2.720	1.070	2.320	.930	.710	1.120	1.440	1.090

Code ID U5 TOTL CONSOLIDATED OPEN DINNING
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .84
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.020	.010	.020	.470	1.340	.040
1	.080	.180	.080	.740	.910	.630	1.410	.150	.630	.670
2	.270	.170	.600	.090	2.000	.250	1.290	.080	1.750	1.150
3	3.240	.280	1.470	.140	.280	.180	.750	.710	.170	1.320
4	1.870	.140	.420	.460	.620	.200	.250	.130	2.050	.140
5	1.180	.630	1.280	.670	.620	.190	2.970	.390	1.010	.610
6	3.050	.160	.230	.630	1.460	1.030	.580	.280	.630	.140
7	2.100	.440	2.140	.640	.320	2.080	.280	.180	1.490	.170

Code ID U6 TOTL (NOT USED)
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.45
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.010	.000	.010	.100	.110
1	.560	.400	.770	.710	1.450	.510	.450	.650	.630	.720
2	1.090	.360	.960	.420	.780	1.810	.750	1.890	.910	2.190
3	1.140	1.590	.580	.910	.410	.670	.520	.680	1.030	1.080
4	1.320	.610	.990	.890	.440	.860	.490	.800	.730	.400
5	1.220	1.450	1.110	1.080	1.490	2.050	1.060	.950	1.380	2.010
6	1.510	1.470	.920	1.800	1.170	.560	.630	1.480	.570	.850
7	1.740	.790	1.920	.920	1.050	2.870	.890	1.860	1.250	2.010

Code ID U7 TOTL RETAIL STORE
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .72
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.020	.010	.170	.390	.670	.210
1	.170	.220	.260	.470	.900	.580	.920	.520	1.070	.590
2	.540	.340	.540	.480	1.010	.610	.820	.380	1.710	.870
3	1.440	.900	1.100	.670	.620	.400	.990	.730	.560	1.350
4	1.400	.440	.440	.550	.420	.310	.390	.500	.980	.420
5	.600	.560	.770	.570	1.030	.980	2.550	.940	1.140	.460
6	1.560	.500	.610	.840	1.210	.610	.460	.430	.430	.310
7	1.730	1.010	1.830	.950	.570	.870	.540	.600	1.180	.700

Code ID U8 TOTL (NOT USED)
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .80
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.040	.040	.040	.040	.190	.550	.080
1	.270	.210	.280	.440	.580	.580	.750	.390	.530	.610
2	.540	.360	.360	.350	1.070	.430	.460	.680	.660	.680
3	1.990	.920	.910	.430	.600	.420	.510	.550	.570	.850
4	1.320	.700	.560	.500	.440	.490	.300	.420	.840	.450
5	.400	.500	.690	.590	.830	.830	1.300	.740	.740	.580
6	2.580	.840	.560	.640	1.190	.320	.450	.650	.500	.450
7	.850	.680	1.330	.680	.760	1.020	.600	.590	.730	.570

Code ID UA TOTL GENERAL INSTRUCTIONAL BUILDINGS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .81
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.010	.020	.020	.010	.090	.160	.170
1	.370	.300	.250	.300	.370	.430	.290	.470	.490	.540
2	.620	.510	.400	.320	.420	.430	.450	1.430	1.760	1.550
3	2.640	1.530	1.410	.640	.570	.450	.430	.600	.610	.690
4	.760	.510	.500	.330	.400	.380	.260	.370	.420	.440
5	.670	.600	.730	.550	.600	.840	.970	1.860	1.630	1.900
6	2.870	1.610	1.520	.640	.740	.510	.550	.740	.770	.860
7	.970	.910	.850	.790	.760	1.170	.710	.790	.790	.720

Code ID UB TOTL APPLIED INSTRUCTIONAL BUILDINGS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .82
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.130	.020	.020	.030	.510	.070
1	.440	.180	.280	.230	.560	.260	.640	.250	.960	.290
2	.990	.280	.220	.170	.680	.260	.410	.440	1.050	.610
3	3.990	.940	.800	.350	.290	.370	.510	.920	.340	.460
4	1.480	.610	.480	.300	.330	.260	.230	.210	.740	.250
5	.810	.350	.510	.350	.490	.990	1.440	.490	.640	.460
6	4.430	.710	.660	.290	.750	.320	.260	.330	.550	.320
7	.970	.460	1.580	.940	.460	1.790	.500	.500	.520	.380

Code ID UC TOTL AVIATION UNIT MAINTENANCE HANGAR
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.39
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.010	.000	.050	.010	.020	.520	.290	.280
1	.680	.360	.460	.900	.490	.360	.460	.600	.690	.500
2	.610	.210	.350	.290	.350	.970	1.680	.900	1.100	.890
3	1.160	.470	.400	.380	.250	.400	.830	.640	.740	1.270
4	.830	.280	.210	.250	.760	.440	.420	.620	.330	.250
5	.610	.940	1.410	1.130	.770	.570	1.540	.390	.690	.470
6	1.100	.540	.930	.530	.810	1.040	.580	.480	.530	.340
7	.840	.780	.880	.770	.620	1.990	.450	.890	1.500	.880

Code ID UD TOTL ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.02
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.040	.060	.030	.150	.170	.220	.170
1	.330	.360	.430	.380	.520	.390	.450	.460	.520	.470
2	.520	.500	.340	.380	.560	.800	1.640	.830	1.430	1.230
3	1.400	.790	.580	.500	.480	.640	.600	.610	.510	.820
4	.650	.380	.430	.720	.490	.420	.420	.390	.530	.460
5	.580	.660	.740	.800	1.740	.930	1.820	1.320	1.650	.740
6	.760	.830	.800	.540	.740	.690	.720	.850	.700	.660
7	.730	.890	.930	.880	.850	.960	.770	.770	.770	.880

Code ID UE TOTL DS/GS VEHICLE MAINTENANCE SHOP
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.02
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.010	.040	.090	.110	.220	.170	.160
1	.240	.230	.470	.370	.540	.380	.310	.420	.440	.610
2	.490	.400	.450	.360	.590	1.120	1.820	.950	4.150	.710
3	2.180	.670	.680	.470	.630	.490	.610	.690	.680	.930
4	.710	.330	.340	.340	.550	.420	.460	.460	.450	.460
5	.620	1.010	.800	2.060	2.030	.660	4.350	.710	2.540	1.840
6	1.250	.610	.770	.530	.860	.530	1.550	.530	.730	.530
7	.790	.760	.820	.680	.760	1.670	.710	1.020	1.240	1.010

Code ID UF TOTL SPECIAL PURPOSE MAINTENANCE SHOPS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.87
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.010	.190	.050	.040	.060	.340	.130
1	4.190	.150	.360	.140	.210	.270	.490	.290	.460	.230
2	4.610	.320	.330	.270	.720	.560	.800	.310	1.960	.850
3	6.300	1.050	.690	.330	.450	.430	.710	.450	.510	.460
4	5.060	.250	.270	.310	.450	.300	.330	.250	.700	.330
5	4.520	.350	.650	.710	1.500	.430	1.550	.700	1.580	.490
6	6.320	1.040	.370	.500	1.160	.370	.350	.550	.490	.370
7	4.790	.400	.870	.420	.380	3.640	.580	.530	.660	.580

Code ID UG TOTL REPAIR AND OPERATION MAINTENANCE SHOPS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.02
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.110	.010	.000	.200	.360	.560
1	.420	.210	.360	.530	.820	.640	.540	.270	3.080	.400
2	1.130	.250	.520	.240	.760	.690	.980	.390	13.600	1.230
3	3.590	.590	.690	.470	.310	.440	.760	1.240	.470	1.070
4	1.430	.740	.420	.310	.540	.310	.910	2.090	1.060	.380
5	.930	.600	1.120	.660	1.390	.660	13.300	.590	.980	.490
6	4.620	.740	.640	1.230	1.150	.690	.420	.330	1.020	.410
7	1.310	.490	1.670	.610	1.000	3.960	.700	.810	1.100	.530

Code ID UH TOTL AMMUNITION STORAGE FACILITIES
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .34
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.050	.050	.160	.050
1	.120	.030	.010	.060	.140	.050	.170	.050	.050	.010
2	.150	.050	.050	.050	.170	.650	1.620	1.200	1.360	1.470
3	1.820	.070	.160	.070	.030	.060	.070	.060	.070	.100
4	.290	.010	.120	.060	.080	.070	.070	.070	.140	.030
5	.170	.230	.130	.670	1.660	1.380	1.500	1.440	1.690	.210
6	.380	.090	.060	.160	.220	.070	.080	.220	.180	.090
7	.220	.220	.260	.090	.100	.400	.080	.140	.180	.100

Code ID UI TOTL COLD STORAGE FACILITIES
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.24
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.010	.010	.020	.070	.110	.030
1	.210	.980	1.110	1.470	1.290	1.390	.660	1.420	1.680	.720
2	1.840	.940	1.250	.270	.280	.820	1.900	2.210	.860	2.500
3	2.220	1.520	1.540	1.980	.910	1.910	1.670	1.170	.860	1.220
4	.540	.300	.520	1.590	.660	1.170	1.090	1.420	1.180	1.120
5	1.290	1.440	2.990	.870	1.730	.360	1.670	1.070	1.610	1.520
6	2.620	1.250	2.190	1.070	2.000	1.960	.910	2.160	1.180	1.400
7	.820	.360	1.440	.450	.240	2.680	.650	2.250	2.300	1.920

Code ID UJ TOTL GENERAL PURPOSE WAREHOUSE
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .53
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.010	.020	.010	.030	.080	.100	.110
1	.140	.090	.090	.250	.250	.170	.160	.270	.370	.320
2	.370	.170	.180	.180	.250	.290	.680	.560	2.270	1.040
3	1.230	.560	.580	.210	.300	.350	.340	.430	.280	.580
4	.430	.230	.160	.290	.240	.180	.210	.160	.230	.210
5	.440	.340	.680	.530	.900	.610	2.480	1.070	1.070	.930
6	1.280	.780	.710	.44	.510	.430	.410	.460	.350	.380
7	.370	.360	.610	.43	.410	1.190	.360	.460	.600	.350

Code ID UK TOTL HOSPITALS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .73
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.050	.020	.040	.290	.390	.300
1	.120	.120	.250	.130	.310	.430	.560	.880	2.050	.220
2	.660	.250	1.110	.250	.560	.410	1.470	.260	.500	.500
3	1.850	.870	.650	.350	.340	.320	2.560	.920	.360	.480
4	1.440	1.100	.230	.430	.440	.510	.240	.260	.610	.260
5	.880	.490	1.360	.260	1.850	1.490	.720	.330	.560	.530
6	2.760	.420	.540	.610	.600	.350	.780	.260	.350	.280
7	1.460	.440	2.580	1.030	1.020	1.380	.410	.640	2.830	1.160

Code ID UL TOTL DENTAL CLINICS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.41
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.020	.100	.010	.000	.420	.610	.230
1	.390	.470	1.090	.550	1.800	1.120	1.340	.620	2.330	1.840
2	1.240	1.050	.680	.520	.860	.810	1.200	1.530	2.310	1.530
3	4.620	.740	1.750	.900	.560	.540	2.000	1.710	1.300	3.070
4	2.830	.910	1.480	1.180	.780	.860	.940	.690	1.780	.840
5	1.160	1.420	1.650	.670	1.940	1.090	2.980	1.750	2.310	1.370
6	4.680	.540	.830	.430	1.790	.640	1.060	.990	1.000	1.180
7	2.460	2.170	3.100	1.980	1.360	3.980	.870	1.900	3.370	1.340

ode ID UM TOTL HEALTH CLINICS
nit Cost Special Condition Multiplier 1.00
nnual Recurring Maintenance Factor 1.31
RT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.020	.010	.020	.020	.160	.170	.230	.250
1	.610	.680	.800	.990	1.150	.770	.960	.690	.980	.910
2	.490	.620	1.310	.460	.970	1.440	1.100	1.400	1.570	.780
3	.840	1.540	1.090	1.120	1.320	.680	.910	.930	1.070	1.640
4	1.610	.930	.670	.590	1.060	.500	.590	.510	.620	.680
5	1.220	1.040	1.150	1.280	1.500	1.750	1.410	1.330	1.900	.810
6	.970	1.710	.910	1.010	1.780	.950	1.050	1.720	1.150	1.300
7	1.120	3.400	2.220	1.330	2.700	1.940	1.230	3.270	1.360	1.750

Code ID UN TOTL GENERAL PURPOSE ADMINISTRATION
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.31
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.020	.010	.020	.020	.160	.170	.230	.250
1	.610	.680	.800	.990	1.150	.770	.960	.690	.980	.910
2	.490	.620	1.310	.460	.970	1.440	1.100	1.400	1.570	.780
3	.840	1.540	1.090	1.120	1.320	.680	.910	.930	1.070	1.640
4	1.610	.930	.670	.590	1.060	.500	.590	.510	.620	.680
5	1.220	1.040	1.150	1.280	1.500	1.750	1.410	1.330	1.900	.810
6	.970	1.710	.910	1.010	1.780	.950	1.050	1.720	1.150	1.300
7	1.120	3.400	2.220	1.330	2.700	1.940	1.230	3.270	1.360	1.750

Code ID UO TOTL UNACOMPANIED PERSONNEL HOUSING, ENLISTED
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .78
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.050	.050	.010	.060	.180	.200	.180
1	.260	.340	.380	.460	.510	.540	.550	.540	.560	.630
2	.670	.560	.560	.510	.540	.600	.630	.750	.650	.580
3	.660	.860	.860	.720	.710	.750	.800	.840	.890	.870
4	.790	.500	.380	.430	.420	.340	.340	.430	.490	.600
5	.640	.810	.860	.720	.750	.930	.960	.900	.870	.750
6	.640	.730	.770	.790	.820	.730	.770	.930	.810	.760
7	.830	.950	.950	.890	.890	.810	.870	.860	.850	.860

Code ID UP TOTL BASIC TRAINEE BARRACKS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .67
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.070	.070	.000	.020	.100	.140	.100
1	.220	.320	.410	.480	.500	.590	.480	.420	.510	.540
2	.600	.570	.550	.460	.440	.440	.590	.720	.770	.610
3	.610	.840	.780	.630	.660	.660	.690	.620	.650	.710
4	.760	.560	.450	.520	.320	.230	.220	.310	.420	.570
5	.570	.630	.560	.500	.760	.890	.910	.950	.790	.670
6	.650	.570	.530	.590	.580	.370	.460	.720	.730	.600
7	.640	.800	.600	.490	.560	.670	.650	.480	.590	.550

Code ID UQ TOTL DINNING FACILITIES
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .86
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.050	.040	.010	.050	.110	.130	.170
1	.380	.320	.550	.420	.660	.610	.400	.680	.610	.650
2	.680	.570	.530	.520	.490	.790	.750	.950	.770	.880
3	.900	.870	.940	.720	.700	.710	.880	.730	.880	.820
4	.850	.610	.500	.630	.510	.530	.400	.490	.450	.710
5	.620	.740	.760	.730	1.100	1.030	1.150	1.150	1.070	.950
6	1.050	.850	.870	.890	.930	.730	.960	1.040	.960	1.030
7	1.110	1.220	1.270	1.220	1.530	.940	1.070	1.010	.920	1.150

Code ID UR TOTL UNACOMPANIED PERSONNEL HOUSING, OFFICES
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .95
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.020	.010	.040	.240	.400	.180
1	.220	.230	.340	.280	.490	.930	.570	.390	.510	.280
2	1.030	.360	.450	.480	.750	.630	.480	.870	.590	.810
3	.610	.830	1.140	1.100	.520	.560	1.020	.850	1.270	.700
4	.970	.650	.380	.480	.390	.270	.270	.460	.670	.580
5	.420	1.260	.470	.540	.570	.630	1.490	.770	1.090	.900
6	.540	.620	.950	.690	1.050	.560	.900	.660	.600	1.380
7	.670	.790	1.130	.790	4.010	.760	.860	.860	.970	1.370

Code ID US TOTL FIRE STATION
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .92
MRT For Major Cost Tasks and Replacement Tasks

	Age									
Decade	1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.020	.060	.010	.100	.290	.280	.170
1	.350	.130	.240	.540	.370	.630	.600	.320	.780	.520
2	1.020	.220	.540	.170	.540	10.700	.540	.160	1.120	1.480
3	1.540	.880	.580	.350	.680	.200	.870	.840	.640	.550
4	1.580	.650	.250	.580	.650	.460	.360	.430	.470	.460
5	10.900	.490	.970	.250	.490	.650	1.580	.680	1.760	.530
6	2.260	.510	.730	.240	.560	.420	.540	.650	.490	.390
7	.580	.570	1.280	1.100	.510	11.900	.710	.930	.800	.280

Code ID UT TOTL CHAPELS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.28
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.010	.110	.110	.010	.140	.470	1.040	.220
1	.270	.640	.460	.710	1.440	1.150	1.060	1.110	.630	.950
2	1.130	1.410	.930	.610	2.130	.980	1.420	.890	1.330	1.74
3	1.490	1.300	1.690	1.350	1.120	.870	1.170	1.090	.870	2.560
4	1.910	.900	.680	1.110	.860	.840	.760	.710	1.720	.620
5	1.050	.760	1.920	2.170	1.050	1.160	2.480	2.010	1.170	1.330
6	2.850	.390	.900	1.640	1.930	1.230	1.310	.900	1.220	1.610
7	1.490	1.490	2.150	1.220	1.140	1.710	.940	1.400	1.400	1.540

Code ID UU TOTL LAUNDRY/DRY CLEANING FACILITY
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .46
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.010	.020	.110	.050	.030
1	.040	.060	.030	.930	.120	.110	.100	.060	.620	.080
2	.210	.070	.190	.070	.090	.080	1.350	.090	.200	.170
3	.680	.100	.120	.120	.090	.140	.250	.870	.130	1.000
4	.310	.080	.230	.320	.270	.270	.230	.250	.260	.240
5	.130	.130	1.310	.080	.130	.130	.760	.190	.140	.140
6	8.770	.100	.130	.100	.230	.990	.130	.120	.090	.110
7	1.280	.190	.180	.130	.840	3.900	.120	.160	1.470	.130

Code ID UV TOTL POST OFFICE
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .86
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.050	.000	.000	.120	.080	.050
1	.150	.100	.140	.850	1.150	.390	.180	.090	1.440	.160
2	1.050	.100	.480	.110	.190	.130	1.300	.130	.380	1.730
3	2.330	.490	.560	.220	.190	.430	1.320	.550	.170	1.020
4	2.510	.160	.120	1.180	.260	.250	.100	.100	.170	.110
5	.430	.610	1.460	.190	1.290	.390	.640	.990	.980	.310
6	3.320	.370	.380	.180	.820	.980	.270	.190	.290	.190
7	.930	1.080	1.680	.610	.290	.690	.360	.560	1.450	.290

Code ID UW TOTL AUDITORIUM/THEATER
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.09
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.060	.060	.000	.000	.500	.400	.030
1	.220	.170	1.010	.430	.890	.610	.590	.560	.900	.170
2	.380	.310	.470	.710	2.060	.710	2.070	1.050	1.220	.900
3	1.350	.600	1.220	.190	1.620	.190	.590	.910	.270	.960
4	1.340	.330	.750	.320	.750	.250	.080	.640	1.280	.200
5	.420	.750	.880	2.080	1.110	1.130	2.580	.900	1.350	.290
6	1.050	.500	1.330	2.070	.690	.430	.640	.270	.950	.620
7	.710	.770	.940	1.230	.760	1.590	.240	.490	1.270	.720

Code ID UX TOTL BOWLING CENTER
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .55
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.000	.000	.030	.000	.090	.120	.250	.040
1	.390	.350	.180	.660	.860	.290	.360	.210	.830	.550
2	.940	.180	.280	.170	.410	.540	1.310	.460	.440	.800
3	1.120	1.950	.550	.310	.540	.320	.460	.530	.490	1.490
4	2.470	.410	.230	.480	.530	.160	.200	.300	.450	.100
5	.560	.560	1.080	.740	1.000	.540	.830	.650	.690	.450
6	1.530	.340	1.950	.740	.620	.830	.800	.190	.370	.810
7	1.280	.710	1.210	.880	.740	.720	.440	.560	1.460	.620

Code ID UY TOTL CHILD SUPPORT CENTER
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.15
MRT For Major Cost Tasks and Replacement Tasks

Decade	Age 1	2	3	4	5	6	7	8	9	10
0	.000	.000	.010	.030	.130	.020	.180	.820	1.000	.420
1	.340	.580	.300	.550	.710	1.640	.970	.860	.860	.570
2	1.430	.450	.770	1.080	1.430	.500	6.760	1.120	.870	7.720
3	.780	1.900	1.730	1.510	.950	1.060	.900	1.010	1.620	1.260
4	1.330	1.370	.670	.680	.700	.550	.860	1.150	1.670	1.130
5	.700	1.240	.560	.650	7.030	1.700	2.230	7.470	1.140	.660
6	.900	.820	1.260	1.720	1.430	.690	.640	.690	.820	1.650
7	.690	2.320	2.330	.990	2.160	1.280	.750	.700	1.000	1.850

APPENDIX E: Functional Group Unit Cost Graphs

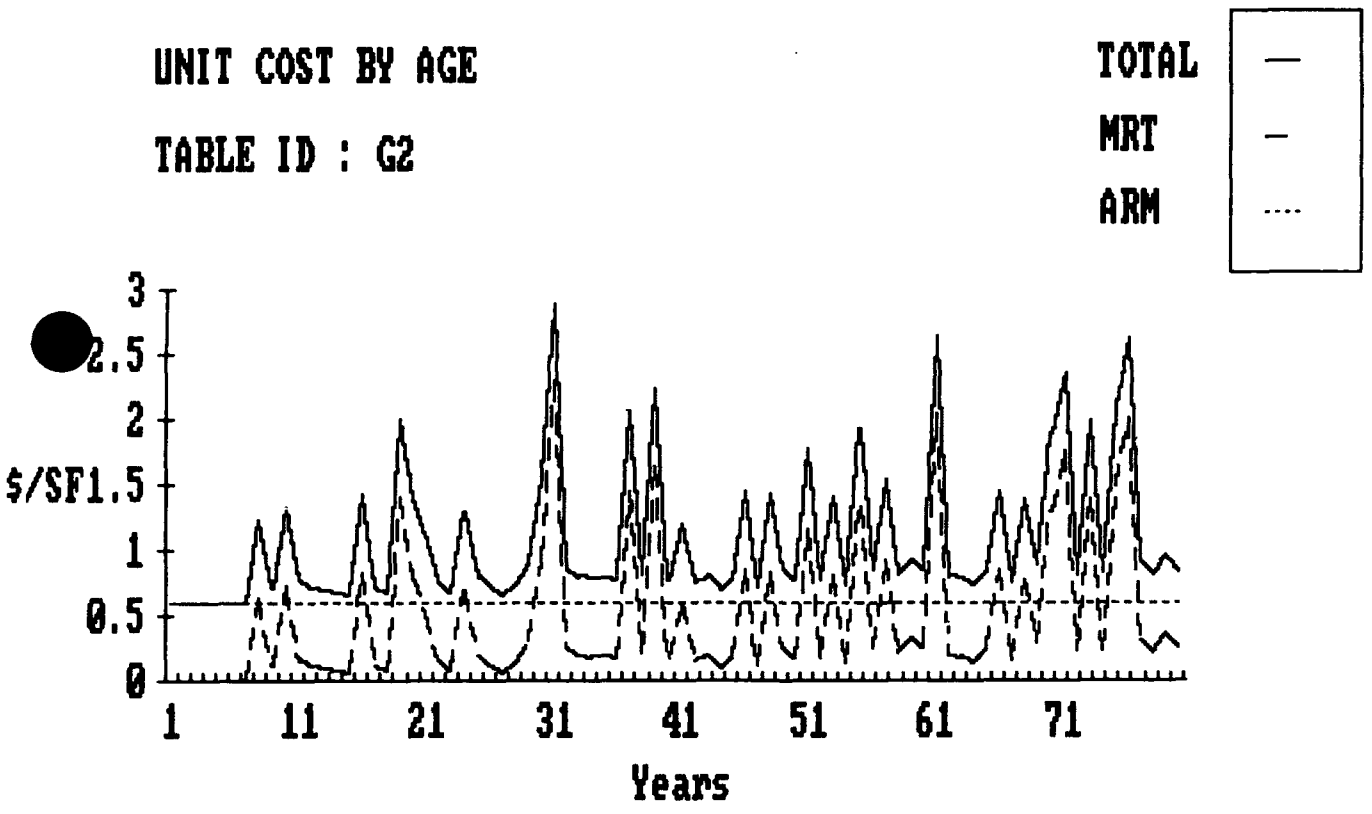
The column heads used in this appendix are:

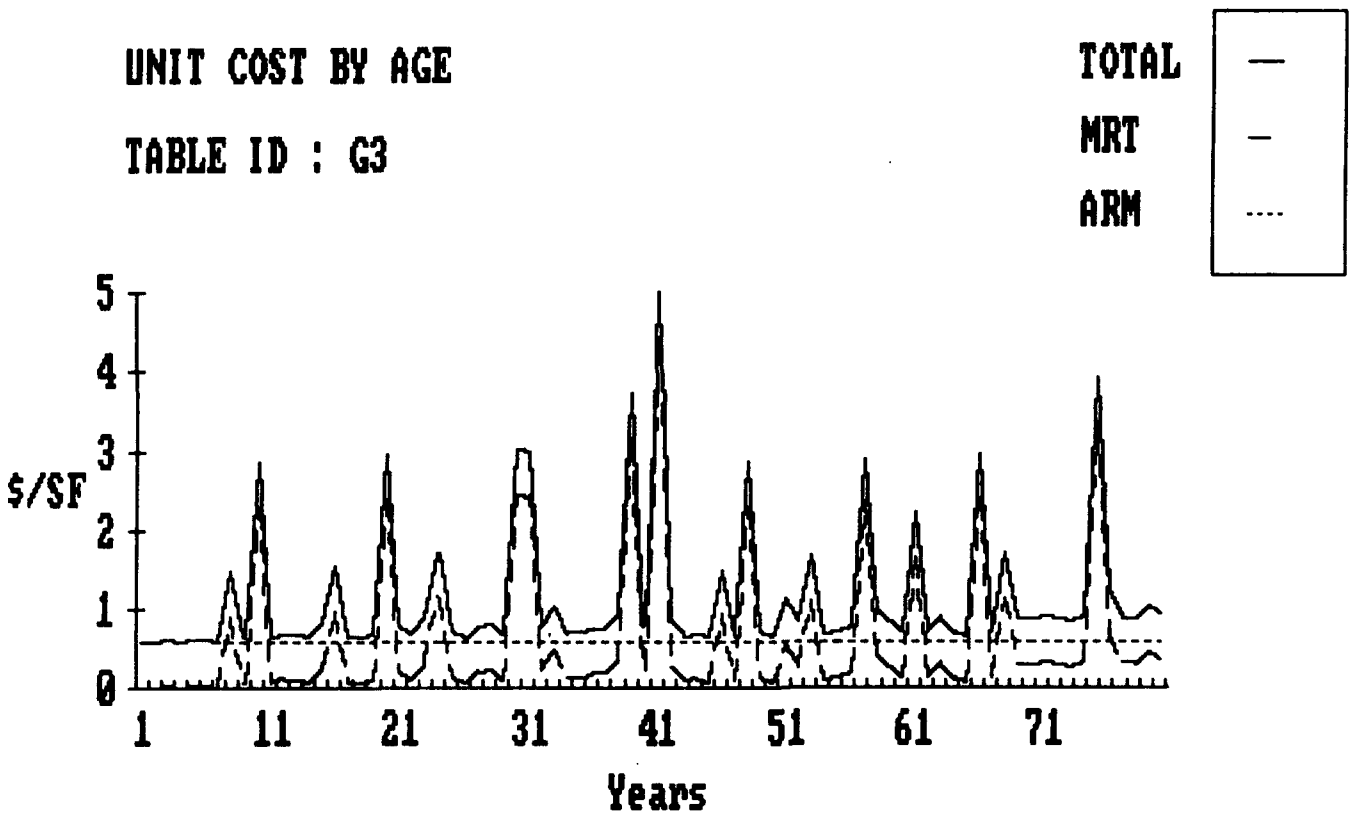
- Unit Cost ID — Two characters that identify the correct unit code cost table
- Description — Title of the group and current use codes
- Table ID — Two characters that identify the correct unit cost table and the title of the group current use codes
- Total — This is the cost per square foot for all tasks
- ARM — This is the cost per square foot for nonreplacement tasks and nonhigh-cost tasks
- MRT — This is the cost per square foot per year for all replacement and high-cost tasks.

UNIT COST ID CODE	DESCRIPTION
G2	GERM CONTINUING EDUCATION
G3	GERM PHYSICAL FITNESS CENTER
G5	GERM CONSOLIDATED OPEN DINNING
G7	GERM RETAIL STORE
GA	GERM GENERAL INSTRUCTIONAL BUILDINGS
GD	GERM ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
GJ	GERM GENERAL PURPOSE WAREHOUSE
GN	GERM GENERAL PURPOSE ADMINISTRATION
GO	GERM UNACOMPANIED PERSONNEL HOUSING, ENLISTED
GQ	GERM DINNING FACILITIES
GT	GERM CHAPELS
GW	GERM AUDITORIUM/THEATER
GY	GERM CHILD SUPPORT CENTER
GZ	GERM COMMISSARY
HA	GERM CONFINEMENT FACILITY
HB	GERM GENERAL PURPOSE ADMINISTRATION
HC	GERM POST OFFICE
HD	GERM AUTO SERVICE STATION
HE	GERM PHYSICAL FITNESS
HT	GERM FAMILY HOUSING
U1	TOTL ARTS & CRAFTS CENTER
U2	TOTL CONTINUING EDUCATION
U3	TOTL PHYSICAL FITNESS
U4	TOTL TRANSIENT HOUSING
U5	TOTL CONSOLIDATED OPEN DINNING

U6	TOTL (NOT USED)
U7	TOTL RETAIL STORE
U8	TOTL (NOT USED)
UA	TOTL GENERAL INSTRUCTIONAL BUILDINGS
UB	TOTL APPLIED INSTRUCTIONAL BUILDINGS
UC	TOTL AVIATION UNIT MAINTENANCE HANGAR
UD	TOTL ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
UE	TOTL DS/GS VEHICLE MAINTENANCE SHOP
UF	TOTL SPECIAL PURPOSE MAINTENANCE SHOPS
UG	TOTL REPAIR AND OPERATION MAINTENANCE SHOPS
UH	TOTL AMMUNITION STORAGE FACILITIES
UI	TOTL COLD STORAGE FACILITIES
UJ	TOTL GENERAL PURPOSE WAREHOUSE
UK	TOTL HOSPITALS
UL	TOTL DENTAL CLINICS
UM	TOTL HEALTH CLINICS
UN	TOTL GENERAL PURPOSE ADMINISTRATION
UO	TOTL UNACOMPANIED PERSONNEL HOUSING, ENLISTED
UP	TOTL BASIC TRAINEE BARRACKS
UQ	TOTL DINNING FACILITIES
UR	TOTL UNACOMPANIED PERSONNEL HOUSING, OFFICES
US	TOTL FIRE STATION
UT	TOTL CHAPELS
UU	TOTL LAUNDRY/DRY CLEANING FACILITY
UV	TOTL POST OFFICE
UW	TOTL AUDITORIUM/THEATER
UX	TOTL BOWLING CENTER

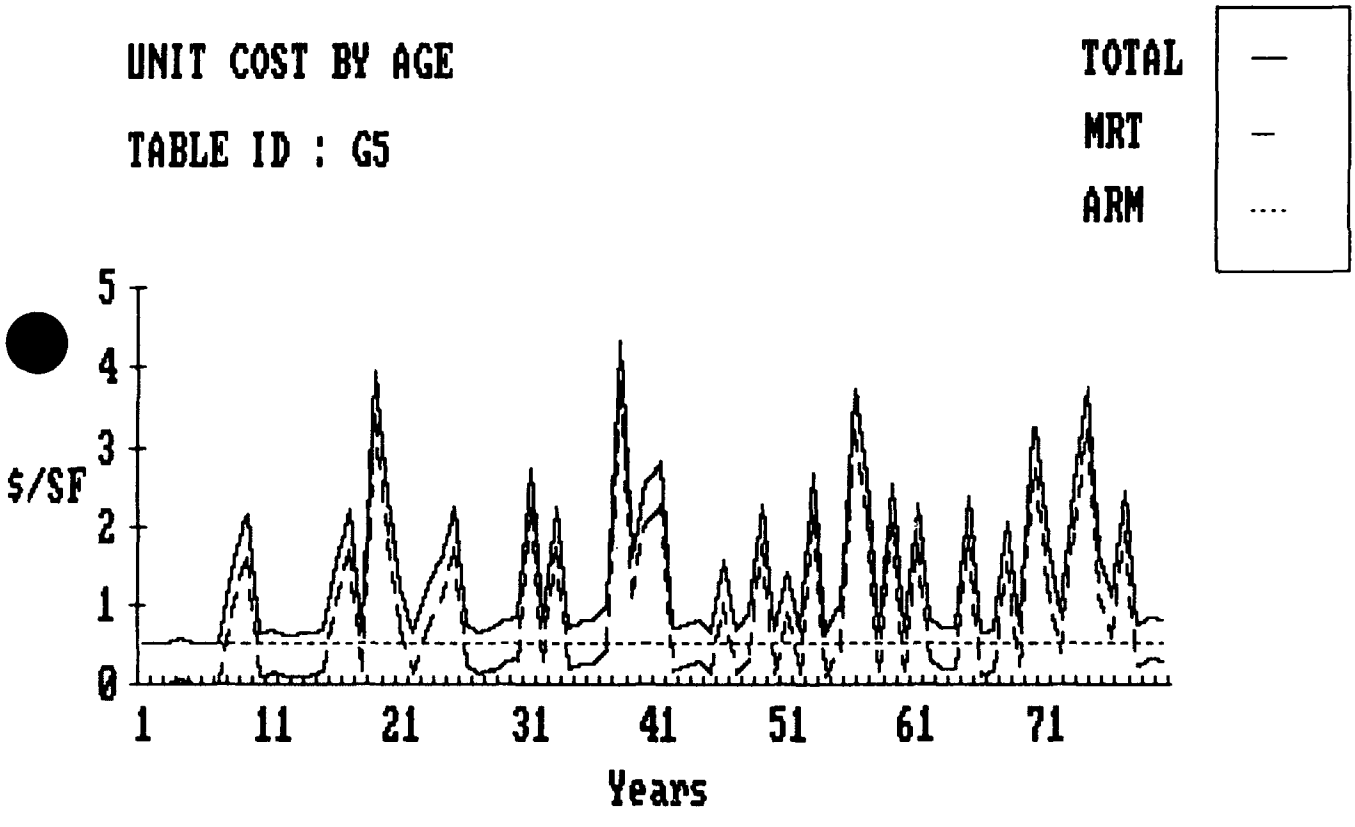
UY	TOTL CHILD SUPPORT CENTER
UZ	TOTL COMMISSARY


UNIT COST BY AGE
TABLE ID : G2
TOTAL
MRT
ARM
3
2.5
2
$/SF1.5
1
0.5
0
1
11
21
31
41
51
61
71
Years


UNIT COST BY AGE
TABLE ID : G3
TOTAL
MRT
ARM
5
4
3
2
1
0
$/SF
1
11
21
31
41
51
61
71
Years

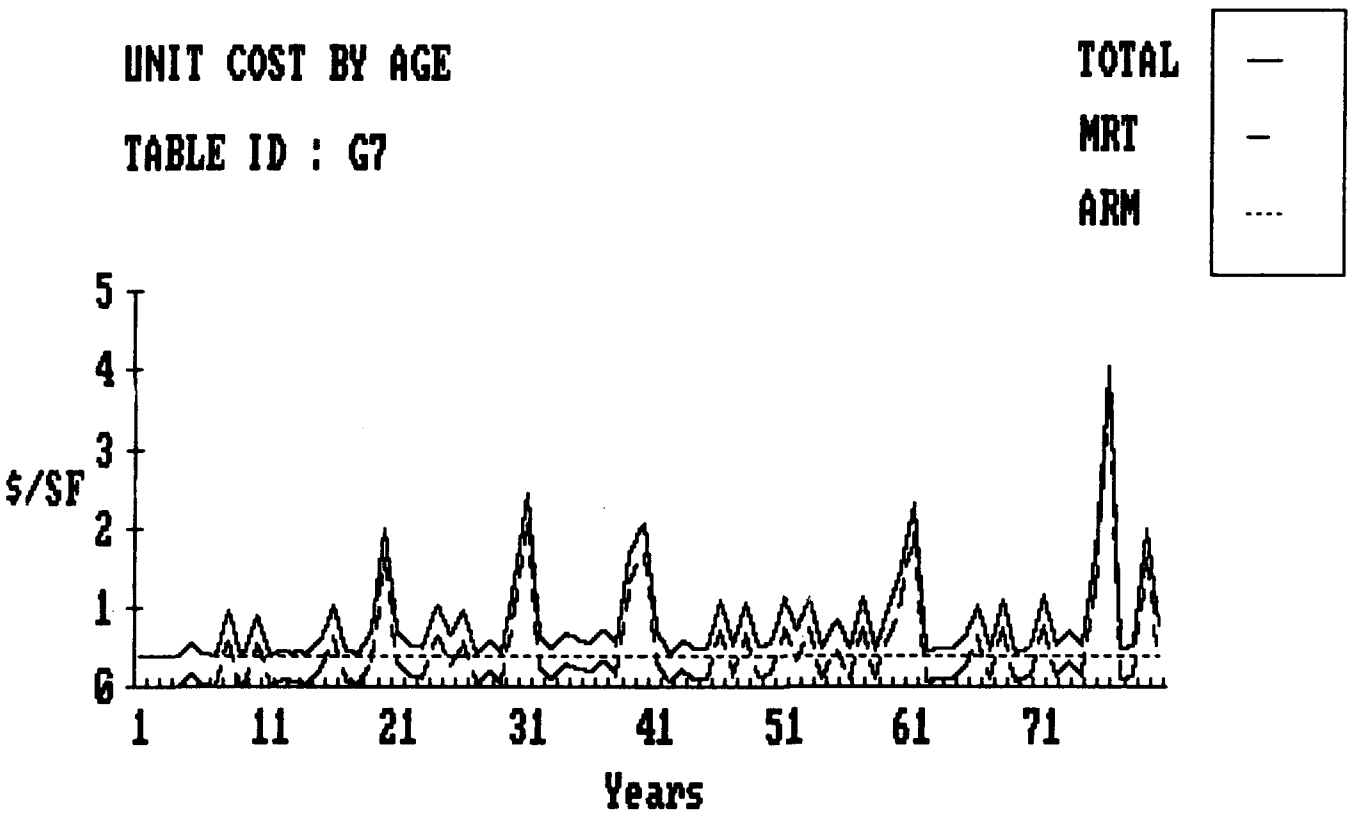
UNIT COST BY AGE

TABLE ID : G5



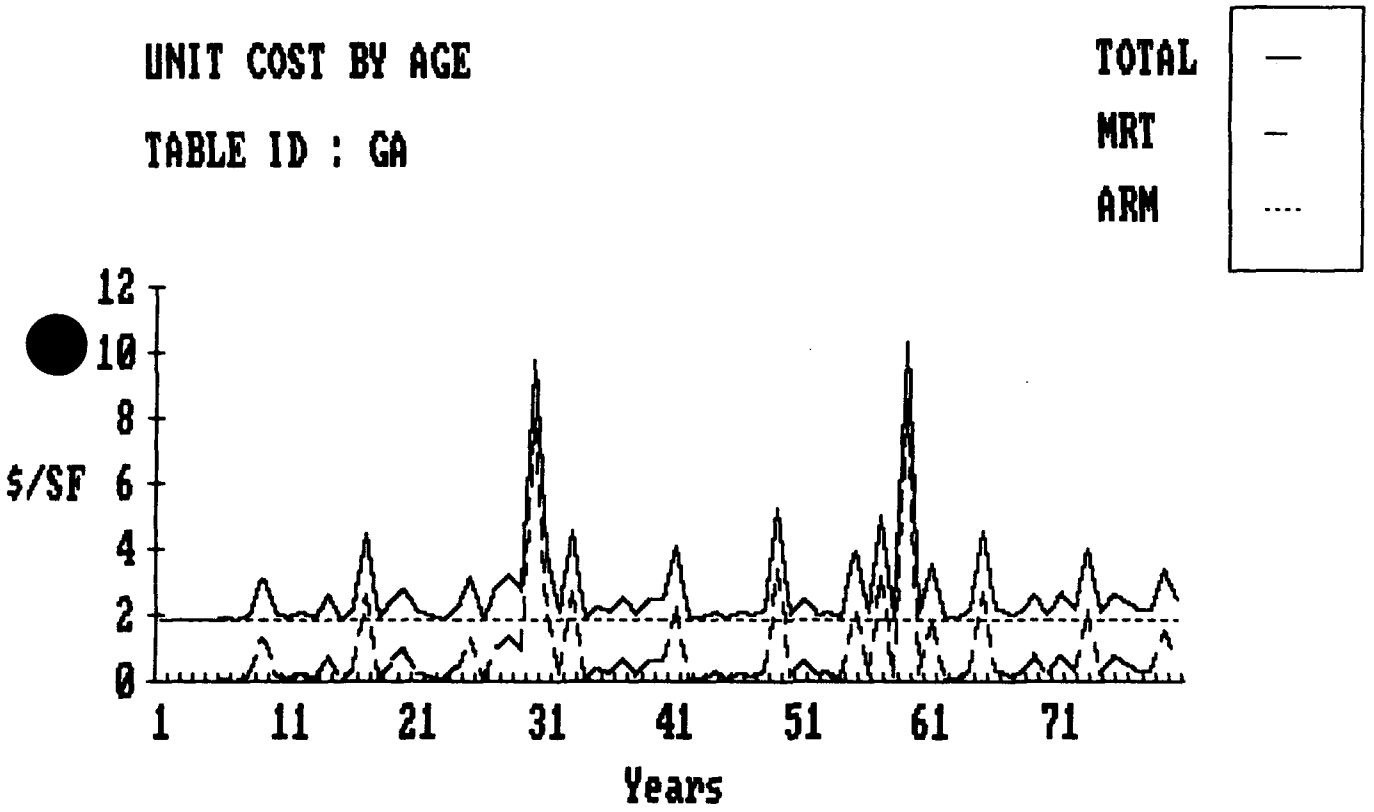
UNIT COST BY AGE

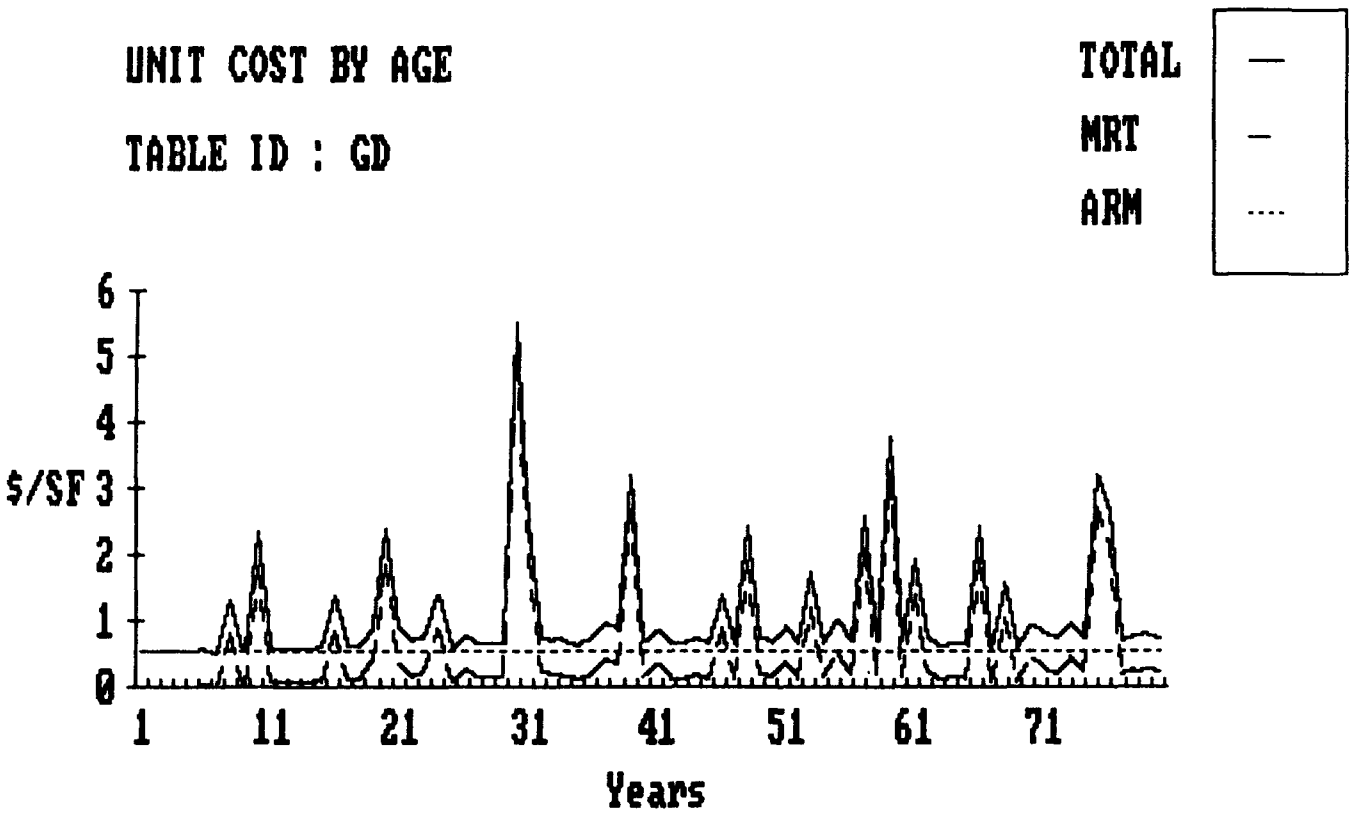
TABLE ID : G7



UNIT COST BY AGE

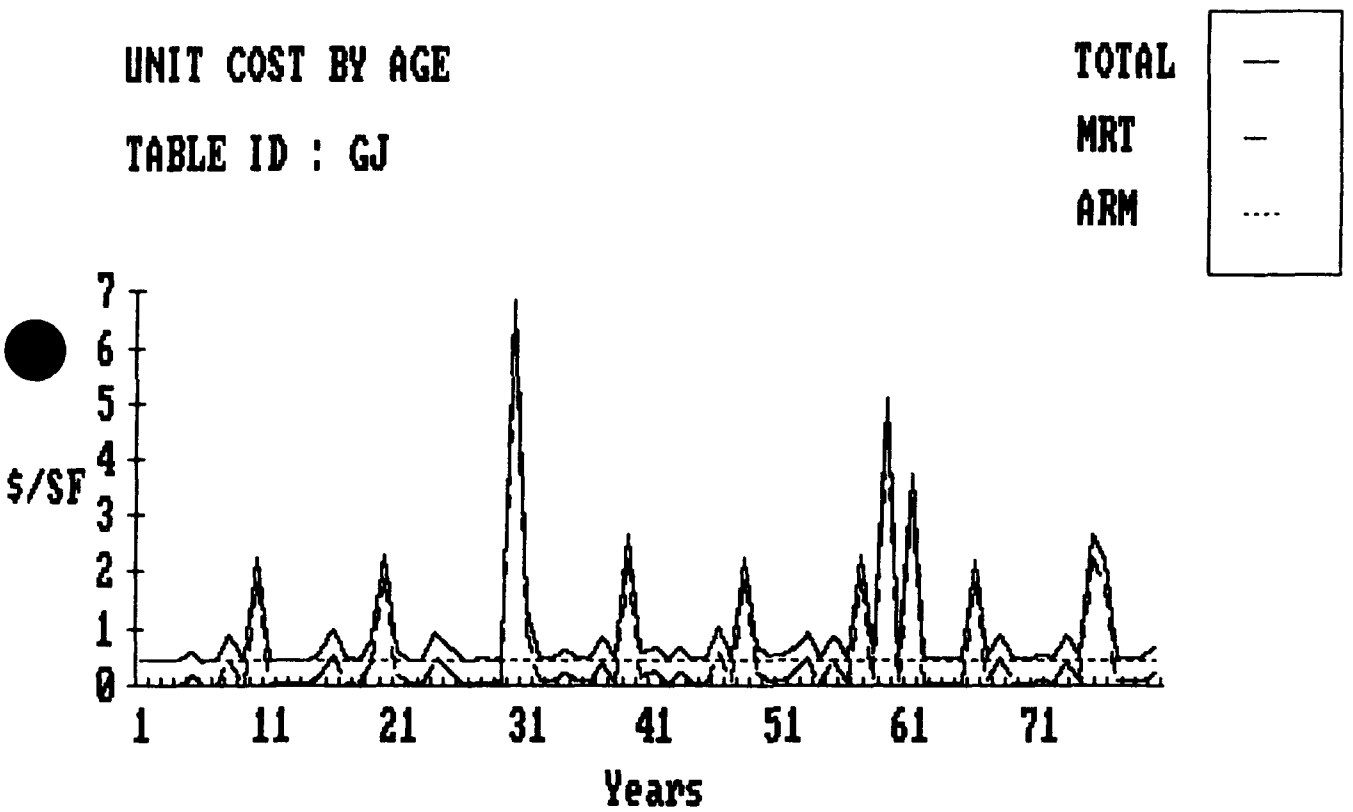
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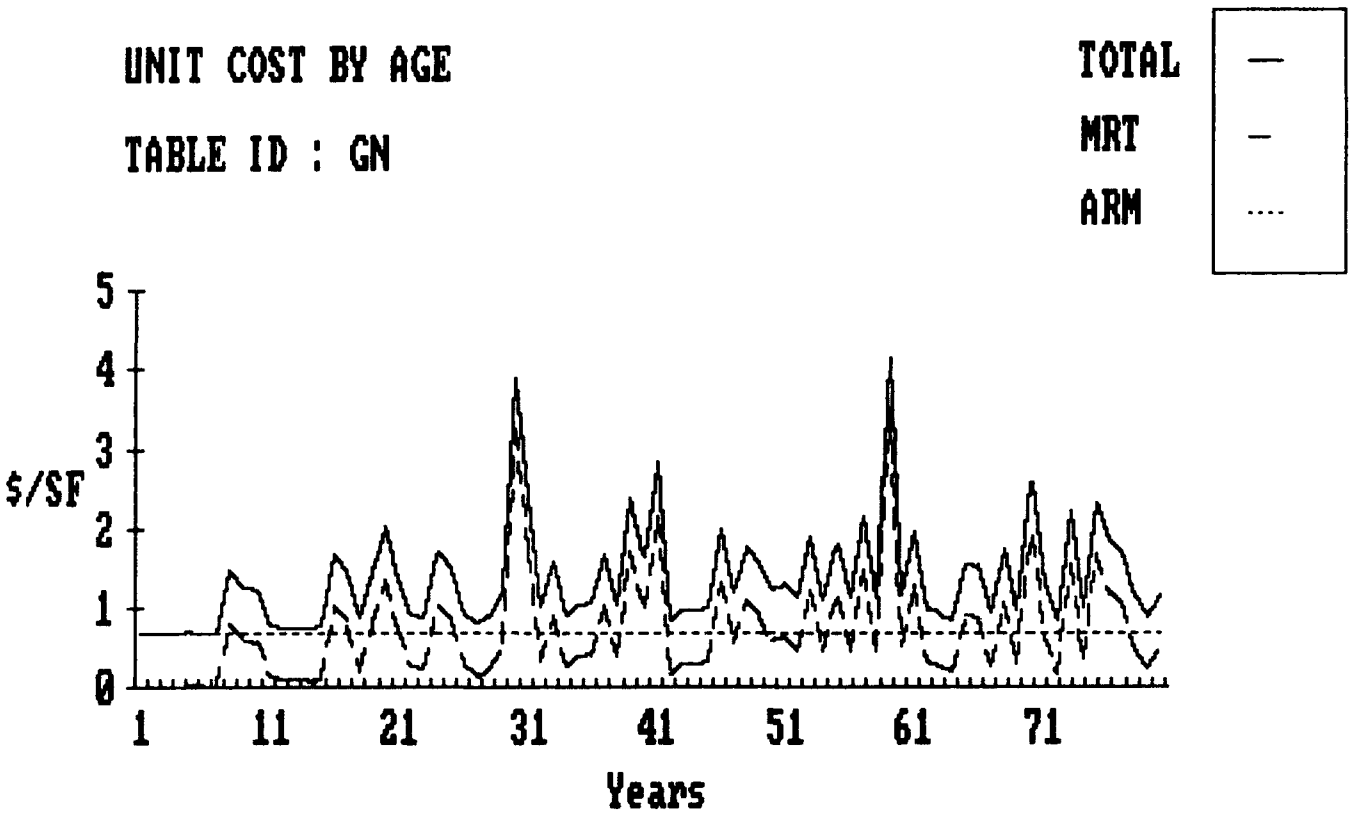


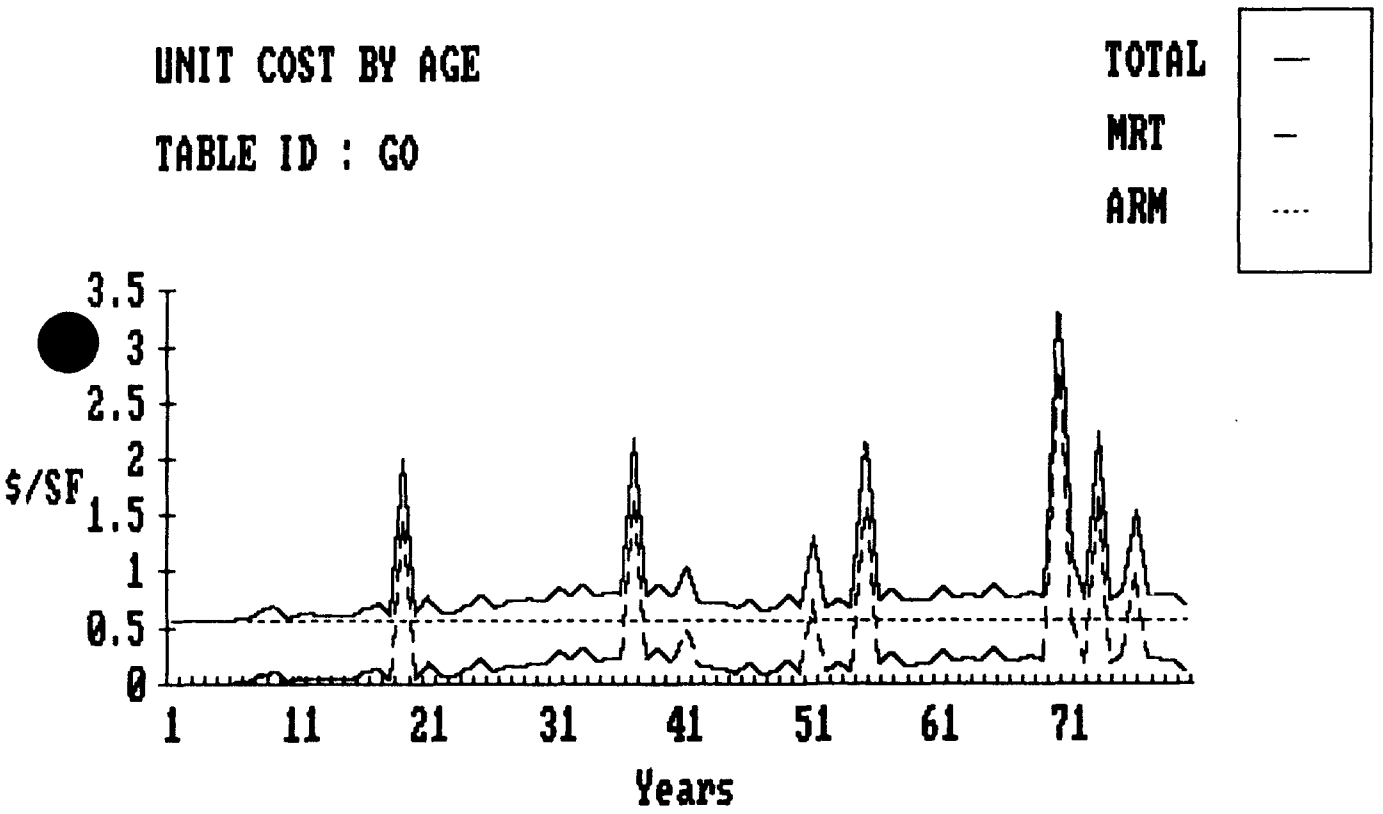

UNIT COST BY AGE
TABLE ID : GD
TOTAL
MRT
ARM
$/SF
6
5
4
3
2
1
0
1
11
21
31
41
51
61
71
Years

UNIT COST BY AGE

TABLE ID : GJ

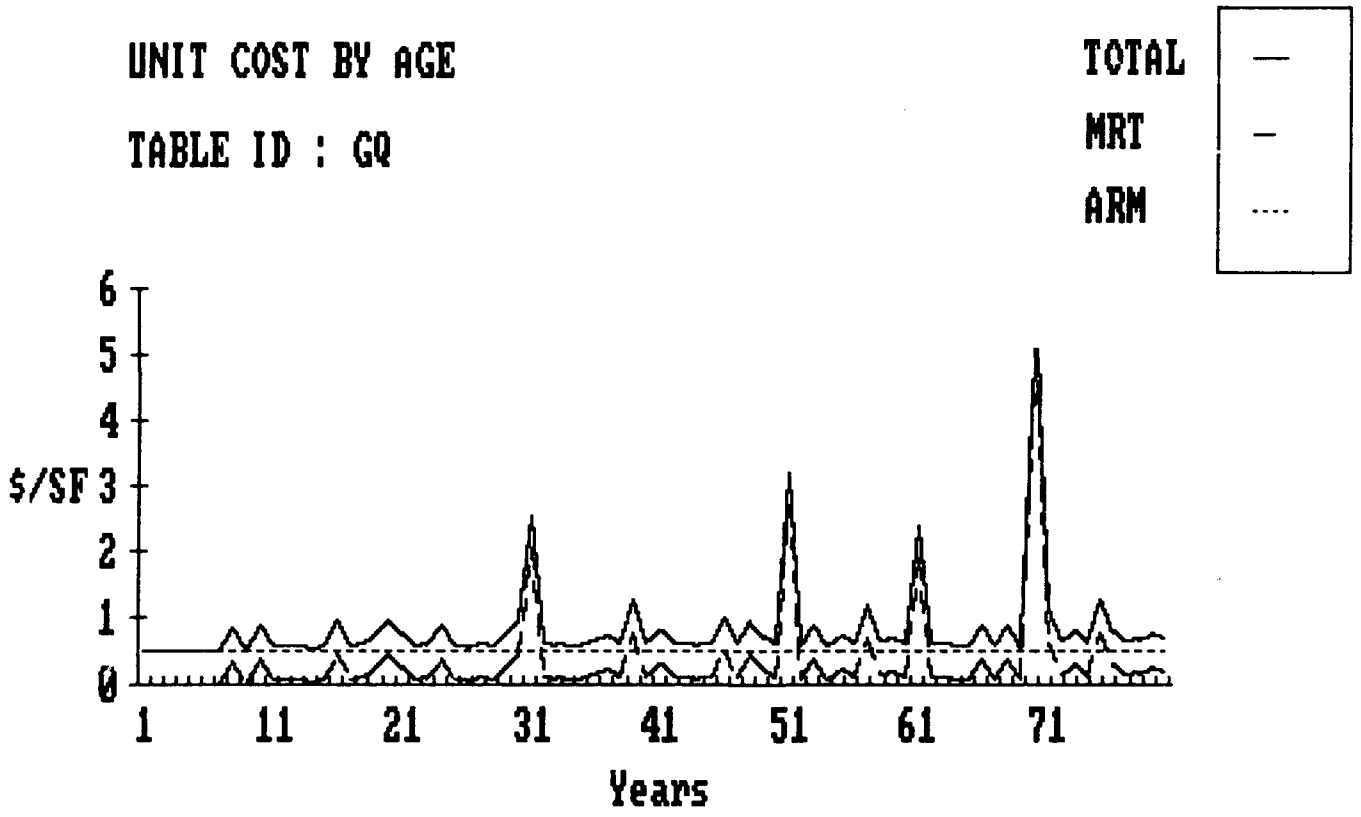



UNIT COST BY AGE
TABLE ID : GN
TOTAL
MRT
ARM
5
4
3
2
1
0
$/SF
1
11
21
31
41
51
61
71
Years


UNIT COST BY AGE
TABLE ID : GO
TOTAL
MRT
ARM
$/SF
3.5
3
2.5
2
1.5
1
0.5
0
1
11
21
31
41
51
61
71
Years

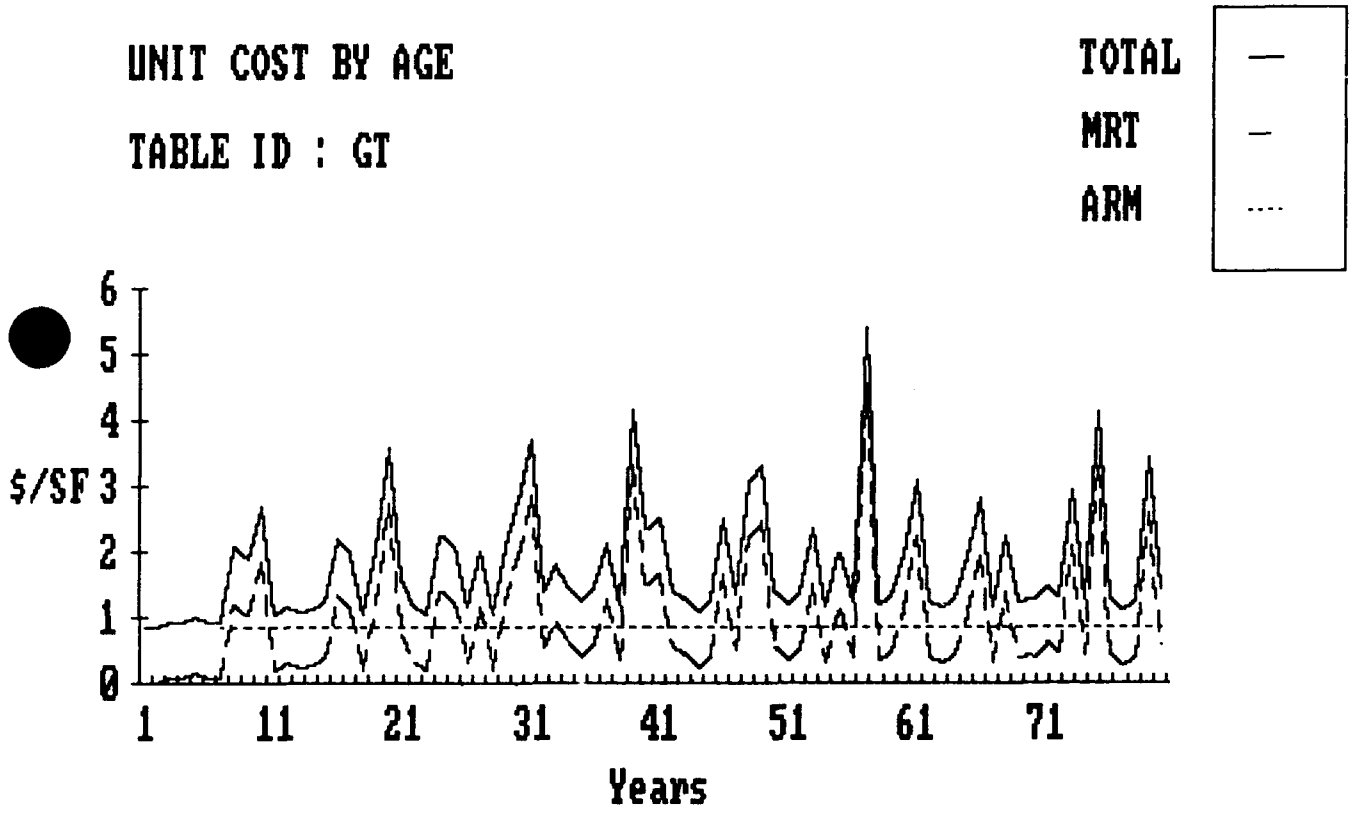
UNIT COST BY AGE

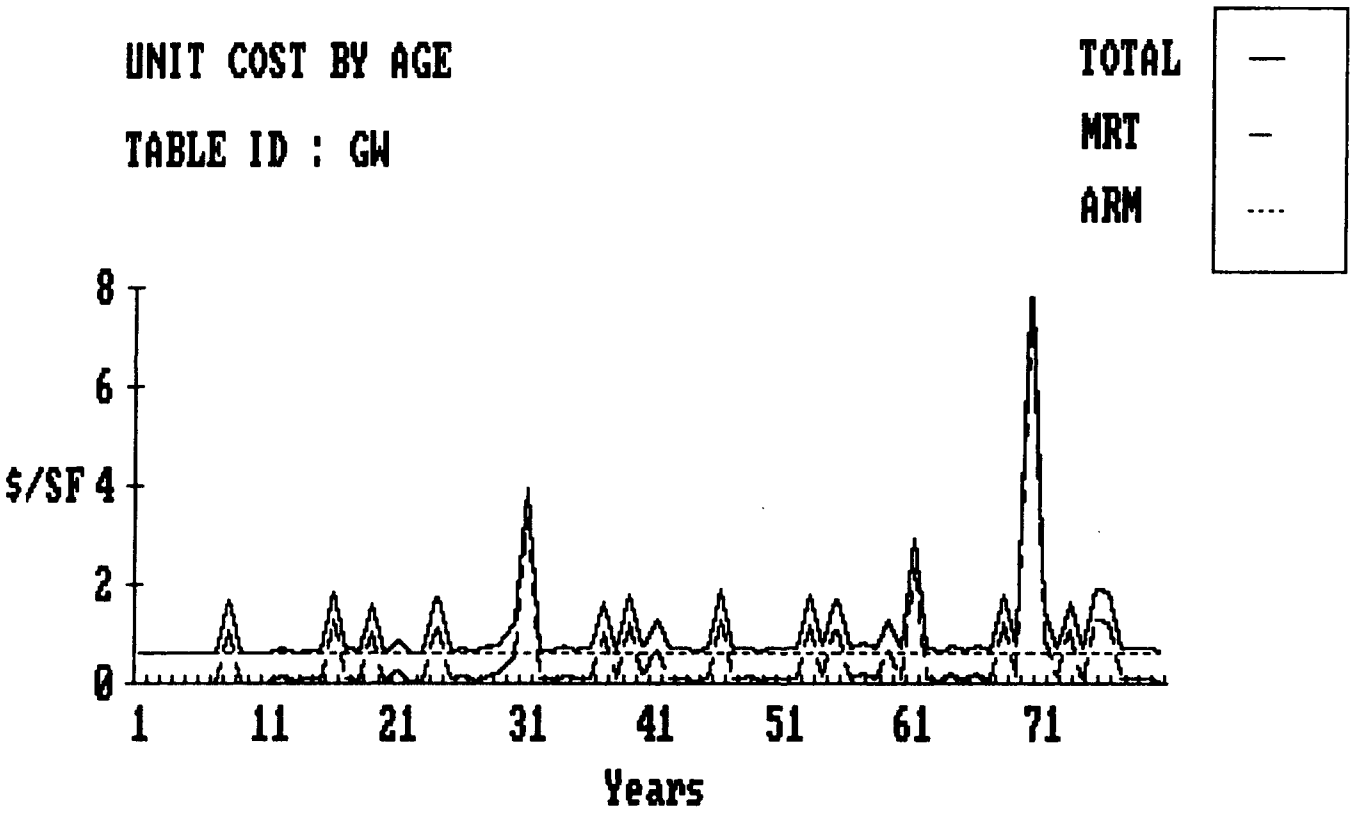
TABLE ID : GQ



UNIT COST BY AGE

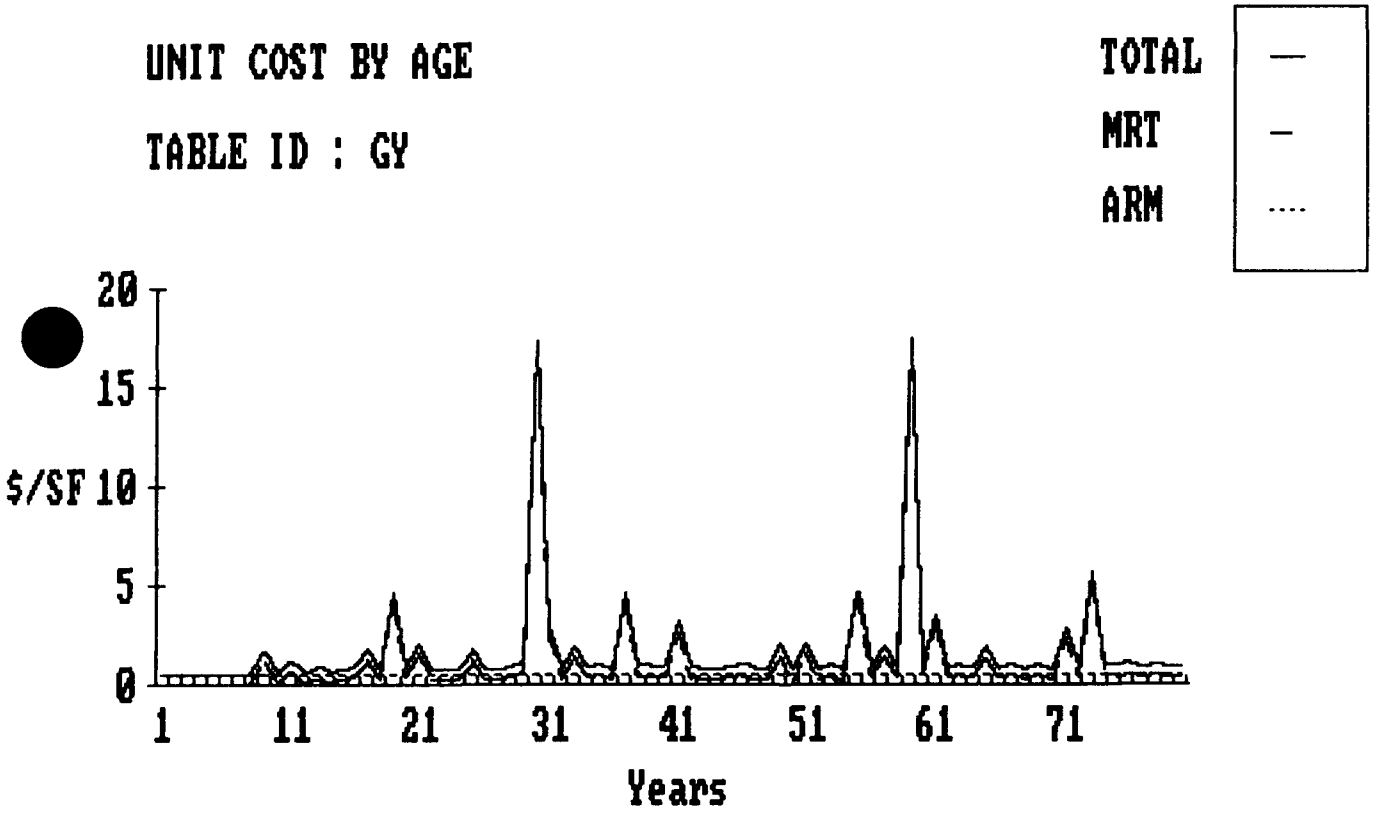
TABLE ID : GT

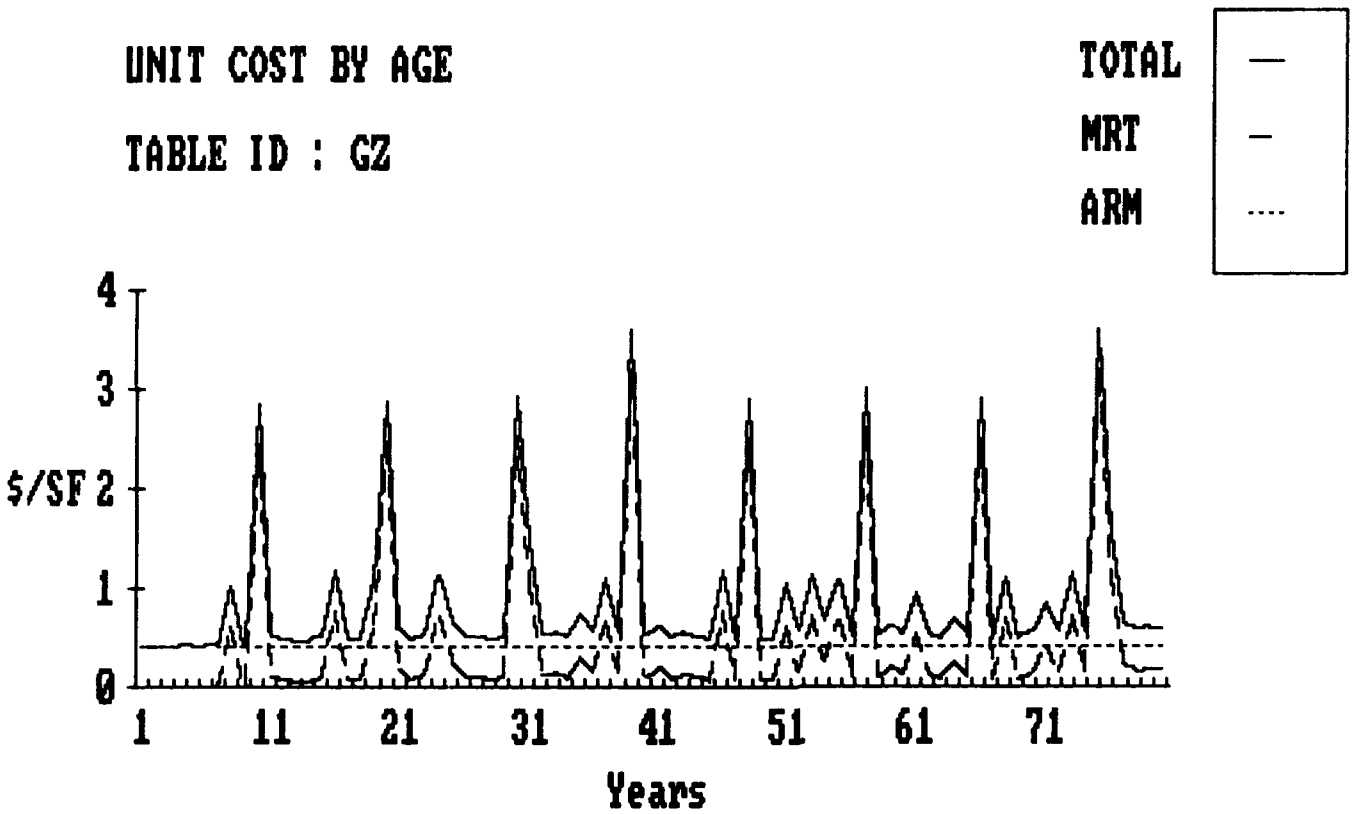



UNIT COST BY AGE
TABLE ID : GW
TOTAL
MRT
ARM
8
6
$/SF 4
2
0
1
11
21
31
41
51
61
71
Years

UNIT COST BY AGE

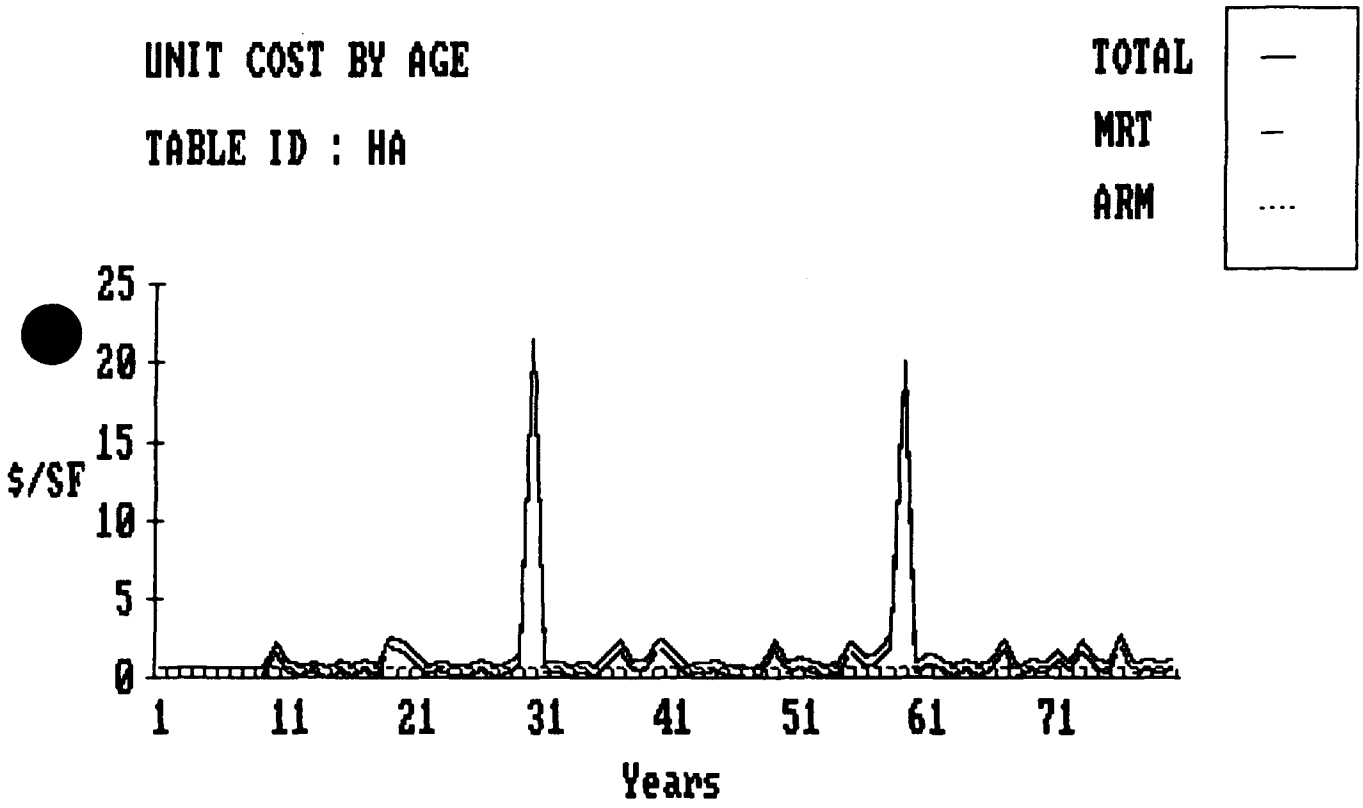
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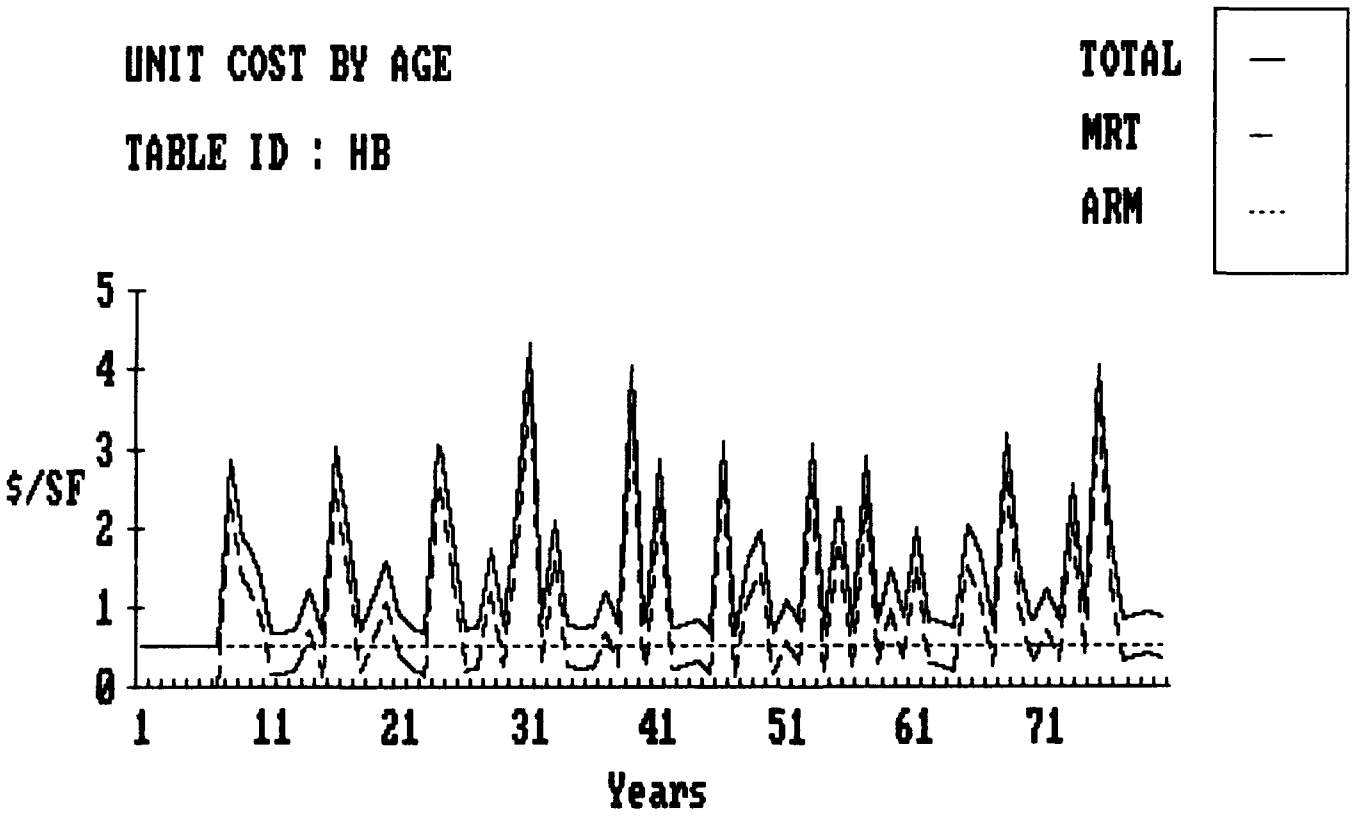


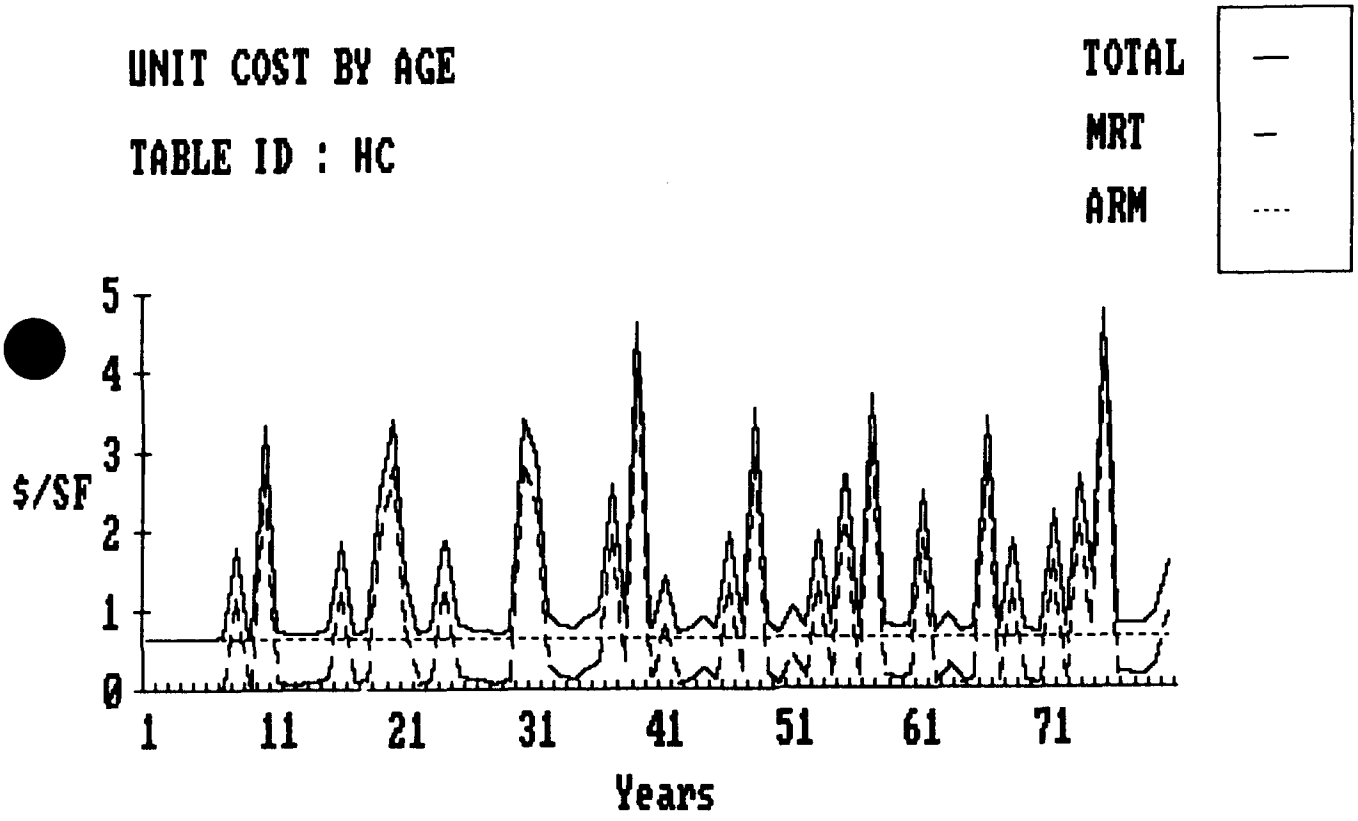

UNIT COST BY AGE
TABLE ID : GZ
TOTAL
MRT
ARM
4
3
$/SF 2
1
0
1
11
21
31
41
51
61
71
Years

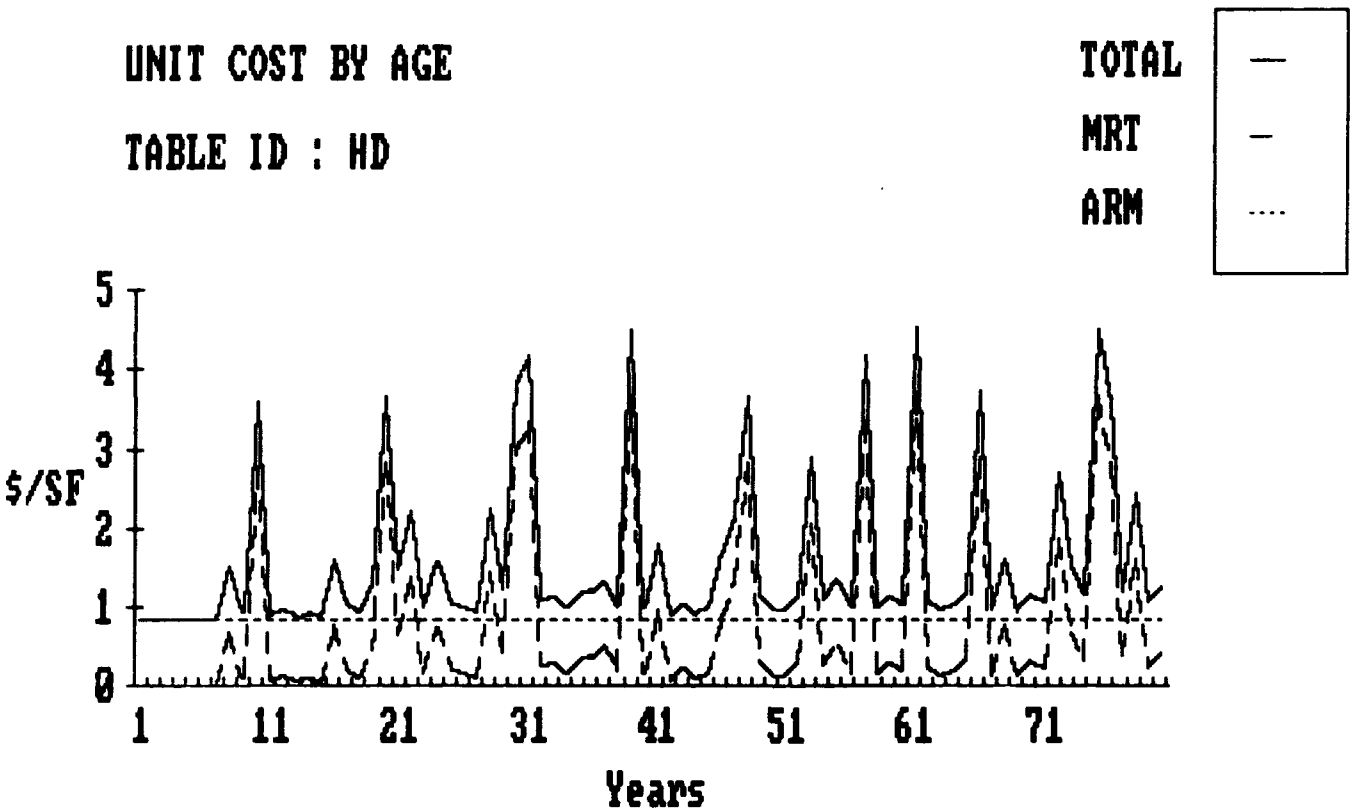
UNIT COST BY AGE

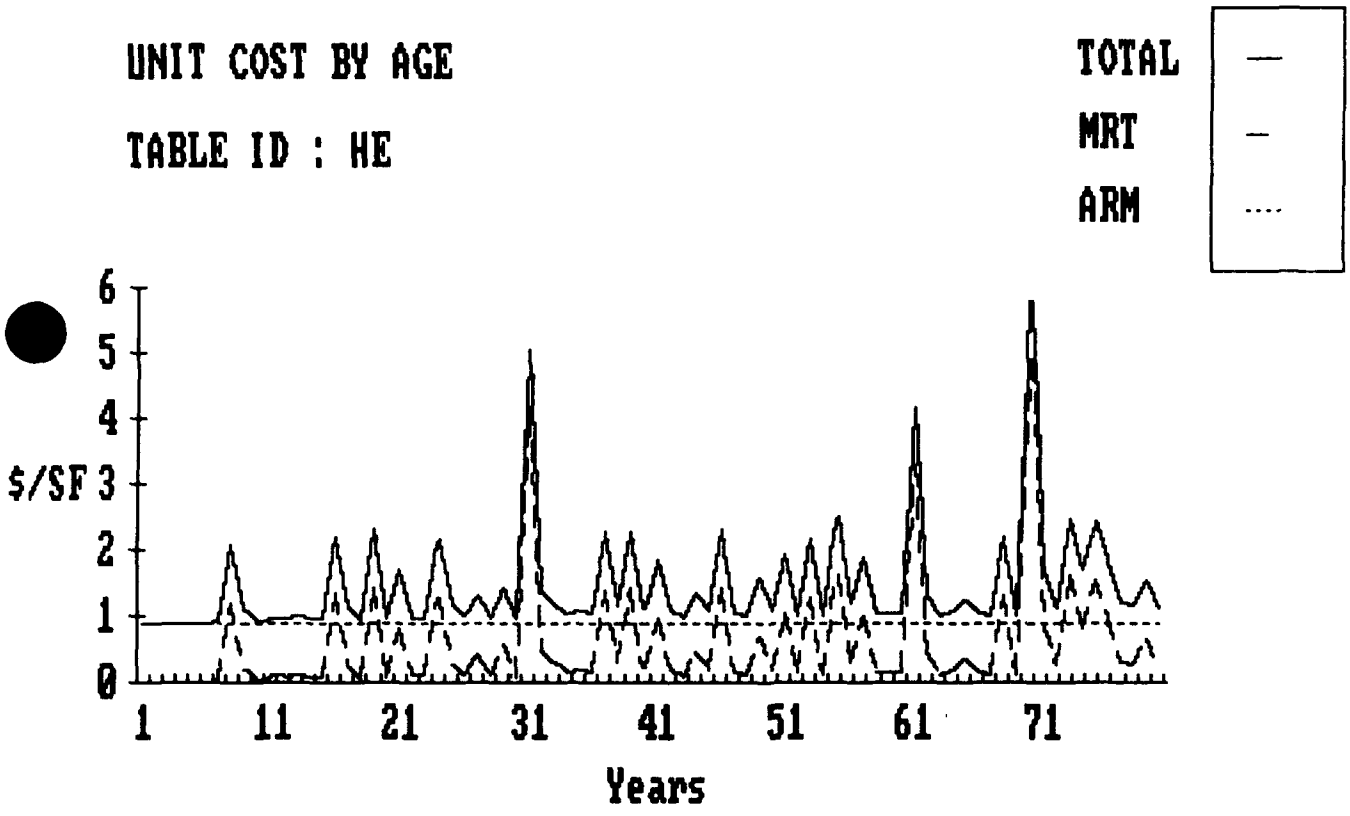
TABLE ID : HA

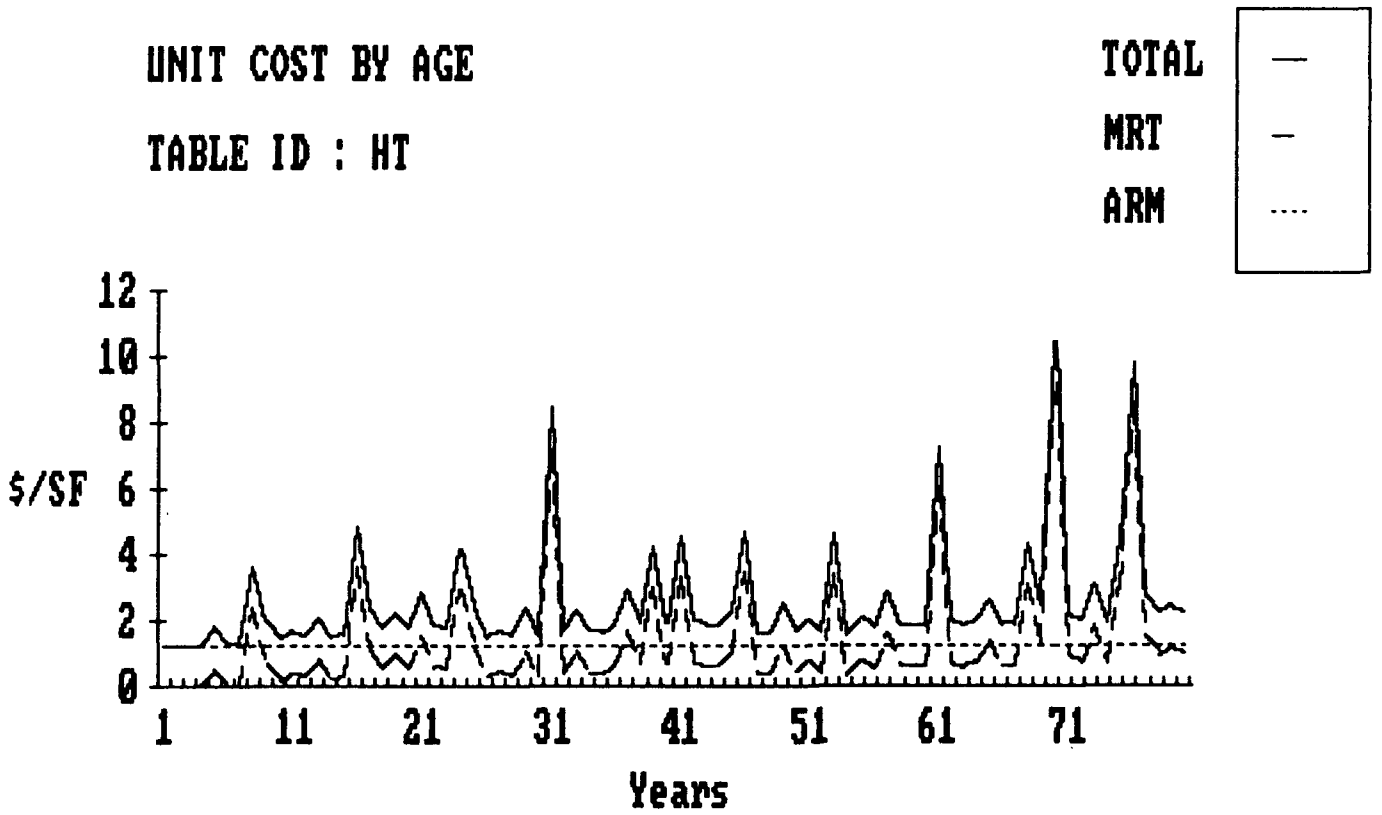



UNIT COST BY AGE
TABLE ID : HB
TOTAL
MRT
ARM
5
4
3
2
1
0
$/SF
1
11
21
31
41
51
61
71
Years


UNIT COST BY AGE
TABLE ID : HC
TOTAL
MRT
ARM
$/SF
5
4
3
2
1
0
1
11
21
31
41
51
61
71
Years


UNIT COST BY AGE
TABLE ID : HD
TOTAL
MRT
ARM
$/SF
5
4
3
2
1
0
1
11
21
31
41
51
61
71
Years


UNIT COST BY AGE
TABLE ID : HE
TOTAL
MRT
ARM
$/SF
6
5
4
3
2
1
0
1
11
21
31
41
51
61
71
Years


UNIT COST BY AGE
TABLE ID : HT
TOTAL
MRT
ARM
12
10
8
$/SF 6
4
2
0
1
11
21
31
41
51
61
71
Years

APPENDIX F: Percentage of Cost by Engineering System Tables

All Buildings - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	25.4	1	26.8	1	25.0
Exterior Closure	04	15.9	2	18.0	2	15.2
Roofing	03	13.5	4	10.9	3	14.4
Interior Electrical	11	13.5	3	15.9	5	12.7
Plumbing	08	13.2	5	9.6	4	14.4
HVAC	09	10.0	7	7.8	6	10.8
Interior Construction	05	5.8	6	8.2	7	5.0
Special Interior Electrical System	12	2.6	8	2.7	8	2.6

Land Vehicle Dispensing Facilities - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Interior Finishes	06	29.2	1	29.2		
Interior Electrical	11	19.4	2	19.4		
Plumbing	08	14.6	3	14.6		
Exterior Closure	04	13.3	4	13.3		
HVAC	09	11.7	5	11.7		
Roofing	03	8.6	6	8.6		
Interior Construction	05	3.3	7	3.3		
Special Interior Electrical System	12	0.0	8	0.0		

Land Operational Facilities - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Plumbing	08	33.9	1	39.9	5	10.7
Interior Electrical	11	19.7	2	20.2	2	18.2
Roofing	03	12.9	3	14.2	6	8.0
Interior Finishes	06	12.7	4	11.5	3	17.1
Exterior Closure	04	10.4	5	7.6	1	21.4
HVAC	09	6.8	6	4.9	4	14.0
Interior Construction	05	2.1	7	1.8	8	3.6
Special Interior Electrical System	12	1.5	8	0.1	7	7.1

Battalion Headquarters Buildings - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roofing	03	23.4	1	31.2	4	13.3
Interior Finishes	06	18.7	4	14.1	1	24.8
Interior Electrical	11	17.6	2	22.4	5	11.3
Exterior Closure	04	15.7	5	8.8	2	24.6
HVAC	09	11.8	3	19.3	7	1.9
Interior Construction	05	8.8	7	1.4	3	18.6
Plumbing	08	4.0	6	2.8	6	5.7
Special Interior Electrical System	12	0.0	8	0.0	8	0.0

Company Headquarters Buildings - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	28.3			1	28.3
Exterior Closure	04	20.9			2	20.9
HVAC	09	17.2			3	17.2
Roofing	03	11.2			4	11.2
Interior Electrical	11	11.2			5	11.2
Plumbing	08	6.2			6	6.2
Interior Construction	05	4.6			7	4.6
Special Interior Electrical System	12	0.3			8	0.3

General Instruction Buildings - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Interior Electrical	11	32.2	1	32.2		
HVAC	09	23.0	2	23.0		
Interior Finishes	06	19.8	3	19.8		
Roofing	03	10.9	4	10.9		
Exterior Closure	04	10.9	5	10.9		
Special Interior Electrical System	12	1.6	6	1.6		
Plumbing	08	1.2	7	1.2		
Interior Construction	05	0.5	8	0.5		

Applied Instruction Buildings - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Roofing	03	43.3	1	43.3		
Exterior Closure	04	17.0	2	17.0		
Interior Electrical	11	13.8	3	13.8		
Interior Finishes	06	12.6	4	12.6		
HVAC	09	10.0	5	10.0		
Plumbing	08	2.3	6	2.3		
Interior Construction	05	0.7	7	0.7		
Special Interior Electrical System	12	0.3	8	0.3		

Aviation Unit Maintenance Hangars - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Interior Electrical	11	26.1			1	26.1
Interior Finishes	06	25.3			2	25.3
Roofing	03	21.8			3	21.8
Exterior Closure	04	16.2			4	16.2
HVAC	09	4.8			5	4.8
Plumbing	08	3.4			6	3.4
Interior Construction	05	2.3			7	2.3
Special Interior Electrical System	12	0.0			8	0.0

Aviation Intermediate Maintenance Hangars - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roofing	03	30.0	1	47.1	1	29.9
Interior Finishes	06	24.7	3	23.5	2	24.7
Exterior Closure	04	21.5	2	25.9	3	21.5
Interior Electrical	11	13.3	4	3.5	4	13.3
HVAC	09	6.4	7	0.0	5	6.5
Plumbing	08	3.2	6	0.0	6	3.2
Interior Construction	05	1.0	5	0.0	7	1.0
Special Interior Electrical System	12	0.0	8	0.0	8	0.0

Organizational Vehicle Maint. Facilities - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Roofing	03	24.7	1	25.4	1	24.5
Interior Finishes	06	17.6	2	18.8	2	17.4
Exterior Closure	04	16.7	3	16.9	3	16.6
Interior Electrical	11	15.5	4	13.8	4	15.8
HVAC	09	11.7	6	8.5	5	12.3
Plumbing	08	6.4	5	13.3	7	5.2
Special Interior Electrical System	12	5.6	8	0.9	6	6.4
Interior Construction	05	1.9	7	2.4	8	1.8

DS/GS Vehicle Maintenance Shops - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Roofing	03	29.7	1	29.9	1	29.6
Interior Finishes	06	23.3	2	21.9	2	23.4
Exterior Closure	04	17.9	4	11.6	3	18.7
Interior Electrical	11	12.3	3	14.6	4	12.0
HVAC	09	6.7	7	2.9	5	7.2
Plumbing	08	5.2	6	8.6	6	4.8
Special Interior Electrical System	12	3.6	5	8.7	7	2.9
Interior Construction	05	1.4	8	1.7	8	1.3

Special Purpose Maintenance Shops - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Roofing	03	29.2	3	16.1	1	33.4
Interior Finishes	06	20.8	1	26.2	3	19.0
Interior Electrical	11	18.6	4	14.6	2	19.8
Exterior Closure	04	11.9	5	13.3	4	11.5
HVAC	09	9.0	6	6.5	5	9.7
Plumbing	08	7.7	2	18.7	6	4.2
Interior Construction	05	1.9	7	3.3	7	1.4
Special Interior Electrical System	12	1.0	8	1.4	8	0.9

Maintenance-Installation O & R Facilities - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Roofing	03	24.1	1	24.6	1	24.0
Interior Finishes	06	21.8	2	23.0	2	21.4
Interior Electrical	11	18.6	4	13.3	3	20.1
Exterior Closure	04	16.2	3	20.0	4	15.1
HVAC	09	8.0	6	7.3	5	8.1
Plumbing	08	7.5	5	8.1	6	7.4
Interior Construction	05	3.0	7	3.1	7	2.9
Special Interior Electrical System	12	0.9	8	0.6	8	1.0

Ammunition Storage Facilities - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Exterior Closure	04	38.7	1	38.7		
Roofing	03	23.9	2	23.9		
Interior Finishes	06	20.6	3	20.6		
Interior Electrical	11	16.8	4	16.8		
Interior Construction	05	0.0	5	0.0		
Plumbing	08	0.0	6	0.0		
HVAC	09	0.0	7	0.0		
Special Interior Electrical System	12	0.0	8	0.0		

Cold Storage Facilities - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
HVAC	09	44.6			1	44.6
Interior Electrical	11	14.2			2	14.2
Exterior Closure	04	13.6			3	13.6
Interior Finishes	06	13.0			4	13.0
Roofing	03	10.6			5	10.6
Interior Construction	05	2.3			6	2.3
Plumbing	08	1.5			7	1.5
Special Interior Electrical System	12	0.0			8	0.0

General Purpose Warehouse - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Roofing	03	28.3	1	26.9	1	28.9
Interior Finishes	06	24.2	2	20.6	2	25.8
Exterior Closure	04	17.2	3	19.2	3	16.4
Interior Electrical	11	12.7	5	10.8	4	13.6
HVAC	09	9.3	4	12.6	5	7.8
Plumbing	08	4.1	6	5.7	6	3.4
Interior Construction	05	2.4	7	2.7	7	2.3
Special Interior Electrical System	12	1.8	8	1.6	8	1.9

Inflammable Materials Warehouse - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roofing	03	40.1	1	49.6	1	33.8
Exterior Closure	04	33.6	2	34.8	2	32.8
Interior Finishes	06	17.4	3	10.5	3	21.9
Interior Electrical	11	5.3	4	4.9	4	5.5
Interior Construction	05	2.5	6	0.0	5	4.1
HVAC	09	0.7	5	0.2	6	1.0
Plumbing	08	0.6	7	0.0	7	0.9
Special Interior Electrical System	12	0.0	8	0.0	8	0.0

Vehicle Storage/Parking Sheds - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Roofing	03	54.5	1	42.4	1	77.9
Exterior Closure	04	21.7	2	30.1	4	5.4
Interior Finishes	06	14.9	3	19.5	3	5.9
Interior Electrical	11	6.5	4	4.4	2	10.7
Plumbing	08	2.4	5	3.6	5	0.0
Interior Construction	05	0.0	6	0.0	6	0.0
HVAC	09	0.0	7	0.0	7	0.0
Special Interior Electrical System	12	0.0	8	0.0	8	0.0

Dental Clinic - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	24.8			1	24.8
Plumbing	08	17.3			2	17.3
Exterior Closure	04	16.3			3	16.3
Interior Electrical	11	16.1			4	16.1
Roofing	03	10.2			5	10.2
Interior Construction	05	8.7			6	8.7
HVAC	09	4.9			7	4.9
Special Interior Electrical System	12	1.7			8	1.7

Health Clinic - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Electrical	11	23.4	4	9.4	1	26.4
Interior Finishes	06	21.8	1	30.4	2	20.0
Plumbing	08	13.5	3	12.8	4	13.6
Roofing	03	13.1	7	6.8	3	14.4
Interior Construction	05	8.1	6	8.2	5	8.0
Exterior Closure	04	7.9	2	21.3	8	5.0
HVAC	09	6.9	5	8.5	6	6.5
Special Interior Electrical System	12	5.4	8	2.6	7	5.9

General Purpose Admin. Buildings - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	28.2	1	33.4	1	27.1
Exterior Closure	04	16.4	2	16.8	2	16.3
HVAC	09	13.9	5	8.5	3	15.1
Interior Electrical	11	13.5	3	13.9	4	13.5
Roofing	03	10.3	4	12.9	6	9.7
Plumbing	08	9.4	6	7.5	5	9.8
Interior Construction	05	6.1	7	6.8	7	5.9
Special Interior Electrical System	12	2.2	8	0.4	8	2.6

Family Housing, Generals - Cost by Engineering System

Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Interior Finishes	06	26.1	1	23.0	1	36.7
Exterior Closure	04	23.3	2	21.5	4	10.4
Interior Construction	05	12.9	3	13.9	3	15.3
Interior Electrical	11	12.9	5	11.9	2	17.2
Plumbing	08	9.4	4	12.0	5	6.7
Roofing	03	9.0	7	7.8	7	6.5
HVAC	09	5.8	6	8.7	6	6.6
Special Interior Electrical System	12	0.6	8	1.2	8	0.7

Family Housing, Colonel - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Interior Finishes	06	27.2	4	18.9	1	37.3
Interior Electrical	11	18.5	2	21.2	4	12.0
Interior Construction	05	18.1	3	19.2	3	12.6
Exterior Closure	04	16.5	1	24.8	2	13.0
Plumbing	08	7.9	5	7.0	6	8.6
HVAC	09	6.8	6	4.3	5	10.2
Roofing	03	3.8	7	3.8	7	4.8
Special Interior Electrical System	12	1.2	8	0.9	8	1.5

UPH Enlisted Personnel - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	25.3	1	32.0	2	23.5
Plumbing	08	24.9	4	12.0	1	28.5
Exterior Closure	04	14.7	2	20.0	3	13.2
Interior Electrical	11	10.5	3	12.5	4	10.0
HVAC	09	9.4	5	9.1	5	9.4
Interior Construction	05	6.8	7	6.8	6	6.8
Roofing	03	6.6	6	7.0	7	6.5
Special Interior Electrical System	12	1.8	8	0.7	8	2.1

UPH Dining Facilities - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	28.1	1	31.2	1	27.2
HVAC	09	17.5	3	13.5	2	18.9
Interior Electrical	11	14.2	2	19.0	4	12.8
Roofing	03	12.3	6	10.2	3	12.9
Plumbing	08	11.9	5	10.5	5	12.3
Exterior Closure	04	11.6	4	12.0	6	11.5
Interior Construction	05	3.2	7	3.3	7	3.1
Special Interior Electrical System	12	1.1	8	0.2	8	1.4

UPH Officers - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	44.0	1	46.6	1	43.1
Exterior Closure	04	16.8	2	14.0	2	17.8
Plumbing	08	11.0	3	9.6	4	11.5
Interior Construction	05	10.5	6	5.8	3	12.3
Interior Electrical	11	7.1	4	8.6	5	6.6
HVAC	09	5.0	7	5.7	6	4.8
Roofing	03	4.8	5	7.5	7	3.8
Special Interior Electrical System	12	0.6	8	2.2	8	0.1

Community Fire Station - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	30.7	1	40.1	2	22.4
Exterior Closure	04	17.3	6	7.0	1	26.5
Roofing	03	14.1	2	15.0	4	13.2
Interior Electrical	11	14.0	3	14.1	3	13.9
HVAC	09	7.4	5	7.4	6	7.3
Plumbing	08	6.9	4	7.9	7	6.0
Special Interior Electrical System	12	5.3	8	2.8	5	7.4
Interior Construction	05	4.3	7	5.6	8	3.2

Chapel Center Facilities - Cost by Engineering System

Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Exterior Closure	04	34.5	2	26.5	1	36.0
Interior Finishes	06	24.8	1	28.1	2	24.1
Roofing	03	11.6	5	8.3	3	12.2
HVAC	09	10.7	6	7.0	4	11.4
Interior Electrical	11	7.3	3	11.5	5	6.5
Interior Construction	05	6.2	7	6.5	6	6.1
Plumbing	08	4.6	4	11.2	7	3.3
Special Interior Electrical System	12	0.4	8	0.9	8	0.3

Dependent Grade School - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	36.6	1	36.6		
Roofing	03	19.1	2	19.1		
Interior Electrical	11	13.6	3	13.6		
Exterior Closure	04	11.9	4	11.9		
Plumbing	08	7.1	5	7.1		
Interior Construction	05	6.7	6	6.7		
HVAC	09	4.8	7	4.8		
Special Interior Electrical System	12	0.2	8	0.2		

Post Office - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Exterior Closure	04	34.2			1	34.2
Interior Finishes	06	22.2			2	22.2
Roofing	03	21.6			3	21.6
Interior Electrical	11	10.0			4	10.0
HVAC	09	6.8			5	6.8
Plumbing	08	3.4			6	3.4
Interior Construction	05	1.9			7	1.9
Special Interior Electrical System	12	0.0			8	0.0

Auditorium/Theatre Facility - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	27.6	2	24.6	1	28.0
Roofing	03	22.3	1	24.8	2	22.0
Exterior Closure	04	16.8	3	16.2	3	16.9
Interior Electrical	11	14.4	4	9.7	4	15.0
HVAC	09	8.2	7	6.2	5	8.5
Plumbing	08	4.9	5	8.3	6	4.5
Interior Construction	05	3.2	8	3.1	7	3.2
Special Interior Electrical System	12	2.4	6	7.1	8	1.9

Bowling Center - Cost by Engineering System

Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roofing	03	34.8	2	30.6	1	38.0
Interior Finishes	06	28.2	1	33.6	2	24.2
Exterior Closure	04	16.7	4	9.6	3	21.9
Interior Electrical	11	11.1	3	14.8	4	8.4
Plumbing	08	3.5	5	4.8	6	2.5
HVAC	09	3.1	6	4.3	7	2.3
Interior Construction	05	2.5	7	2.0	5	2.8
Special Interior Electrical System	12	0.1	8	0.3	8	0.0

Child Support Center - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Interior Finishes	06	30.2			1	30.2
Roofing	03	15.6			2	15.6
Exterior Closure	04	14.0			3	14.0
Interior Electrical	11	12.7			4	12.7
HVAC	09	10.8			5	10.8
Plumbing	08	8.8			6	8.8
Interior Construction	05	4.4			7	4.4
Special Interior Electrical System	12	3.6			8	3.6

Commissary - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Exterior Closure	04	23.6	1	28.6	1	22.7
Interior Finishes	06	21.1	2	20.7	2	21.2
Roofing	03	17.9	5	7.1	3	20.0
HVAC	09	11.0	6	6.5	4	11.8
Interior Electrical	11	10.5	4	12.6	5	10.1
Special Interior Electrical System	12	10.1	3	14.5	6	9.3
Plumbing	08	3.5	7	5.7	7	3.1
Interior Construction	05	2.2	8	4.3	8	1.8

Arts and Crafts Center - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Roofing	03	26.5			1	26.5
Interior Electrical	11	23.4			2	23.4
Interior Finishes	06	20.5			3	20.5
HVAC	09	10.4			4	10.4
Exterior Closure	04	9.1			5	9.1
Plumbing	08	7.2			6	7.2
Interior Construction	05	2.8			7	2.8
Special Interior Electrical System	12	0.1			8	0.1

Auto Crafts Center - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Roofing	03	28.3	2	29.3	1	27.9
Interior Finishes	06	23.3	1	29.9	2	20.7
Interior Electrical	11	15.5	4	10.2	3	17.6
Exterior Closure	04	12.5	3	11.5	4	12.9
HVAC	09	11.1	6	8.2	5	12.2
Plumbing	08	7.6	5	9.1	6	7.0
Interior Construction	05	1.6	7	1.3	7	1.7
Special Interior Electrical System	12	0.1	8	0.4	8	0.0

Continuing Education Facility - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	36.0	7	1.2	1	41.1
Interior Electrical	11	22.4	1	80.3	3	13.4
Exterior Closure	04	17.3	3	4.0	2	19.3
Roofing	03	7.7	5	2.9	4	8.4
Interior Construction	05	6.3	4	4.0	5	7.2
HVAC	09	5.3	6	1.8	6	5.8
Plumbing	08	4.3	8	0.9	7	4.8
Special Interior Electrical System	12	0.6	2	4.8	8	0.0

Physical Fitness Center - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Interior Finishes	06	33.6	1	32.3	1	33.8
Roofing	03	20.8	3	17.0	2	21.5
Exterior Closure	04	16.2	2	17.3	3	16.0
Interior Electrical	11	12.2	6	9.7	4	12.6
HVAC	09	7.2	4	10.9	5	6.5
Plumbing	08	6.6	5	10.1	6	6.0
Interior Construction	05	2.7	7	2.5	7	2.7
Special Interior Electrical System	12	0.7	8	0.1	8	0.9

Transient Housing Facilities - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Interior Finishes	06	39.4	1	35.4	1	40.7
Plumbing	08	14.8	4	9.8	2	16.5
Exterior Closure	04	13.3	2	21.8	3	10.4
Interior Electrical	11	9.7	3	11.7	4	9.1
HVAC	09	7.5	7	4.2	5	8.5
Interior Construction	05	6.5	5	7.1	6	6.3
Special Interior Electrical System	12	4.5	8	3.9	7	4.7
Roofing	03	4.4	6	6.0	8	3.8

Library Facility - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	37.2			1	37.2
Exterior Closure	04	19.3			2	19.3
Roofing	03	16.2			3	16.2
Interior Electrical	11	13.4			4	13.4
HVAC	09	8.7			5	8.7
Plumbing	08	3.1			6	3.1
Interior Construction	05	2.2			7	2.2
Special Interior Electrical System	12	0.0			8	0.0

Consolidated Open Dining Facility - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	32.6	1	31.2	1	33.0
Interior Electrical	11	19.2	2	23.6	2	17.7
Exterior Closure	04	15.6	3	11.8	3	16.9
Roofing	03	10.5	4	8.5	4	11.2
HVAC	09	8.9	6	6.9	5	9.5
Plumbing	08	6.5	5	8.5	6	5.8
Interior Construction	05	4.9	8	4.2	7	5.2
Special Interior Electrical System	12	1.8	7	5.2	8	0.6

Exchange Auto Service Station - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Interior Electrical	11	46.5	1	46.5		
Exterior Closure	04	20.5	2	20.5		
Interior Finishes	06	10.0	3	10.0		
Plumbing	08	8.3	4	8.3		
Roofing	03	7.3	5	7.3		
HVAC	09	4.9	6	4.9		
Interior Construction	05	2.5	7	2.5		
Special Interior Electrical System	12	0.0	8	0.0		

Community Retail Store - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	27.8	1	30.8	1	27.2
Roofing	03	20.7	2	17.6	2	21.3
Interior Electrical	11	16.7	4	16.5	3	16.8
HVAC	09	12.9	5	7.7	4	13.9
Exterior Closure	04	10.2	3	17.5	5	8.8
Plumbing	08	5.0	6	4.8	6	5.0
Special Interior Electrical System	12	3.8	8	1.9	7	4.2
Interior Construction	05	2.9	7	3.2	8	2.8

Restaurant/Cafeteria - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Interior Finishes	06	26.4	1	25.6	1	27.5
Interior Electrical	11	20.8	2	22.9	2	17.8
Exterior Closure	04	14.4	3	14.0	4	15.0
Roofing	03	14.3	4	13.5	3	15.5
HVAC	09	10.2	5	12.9	6	6.5
Plumbing	08	6.2	6	6.2	7	6.3
Special Interior Electrical System	12	4.5	8	1.6	5	8.7
Interior Construction	05	3.0	7	3.2	8	2.8

Youth Center - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Finishes	06	53.4	1	61.7	3	17.3
HVAC	09	11.9	2	10.2	1	19.5
Exterior Closure	04	11.2	3	9.5	2	18.7
Roofing	03	8.5	4	6.7	4	15.9
Interior Electrical	11	7.2	5	6.0	5	12.5
Plumbing	08	4.1	6	3.1	6	8.4
Interior Construction	05	3.7	7	2.8	7	7.7
Special Interior Electrical System	12	0.0	8	0.0	8	0.0

Recreation Building - Cost by Engineering System

Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Interior Finishes	06	28.2	1	31.1	1	26.8
Exterior Closure	04	17.1	3	12.1	2	19.5
HVAC	09	13.1	7	6.2	3	16.5
Interior Electrical	11	11.9	4	9.7	4	12.9
Roofing	03	10.9	6	8.1	5	12.2
Special Interior Electrical System	12	8.5	2	19.8	8	3.0
Plumbing	08	6.2	5	8.3	6	5.2
Interior Construction	05	4.2	8	4.7	7	3.9

Electric Power Source - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Special Interior Electrical System	12	73.1	1	73.1		
Interior Electrical	11	10.6	2	10.6		
Exterior Closure	04	9.5	3	9.5		
Roofing	03	3.0	4	3.0		
Interior Finishes	06	2.3	5	2.3		
HVAC	09	0.8	6	0.8		
Plumbing	08	0.6	7	0.6		
Interior Construction	05	0.0	8	0.0		

Electric Power Substations - Cost by Engineering System						
Engineering System Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Interior Electrical	11	67.5	1	67.5		
Exterior Closure	04	13.0	2	13.0		
Special Interior Electrical System	12	7.4	3	7.4		
HVAC	09	3.7	4	3.7		
Roofing	03	3.4	5	3.4		
Interior Finishes	06	2.9	6	2.9		
Plumbing	08	2.1	7	2.1		
Interior Construction	05	0.0	8	0.0		

Heat Source - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
HVAC	09	26.3	5	6.9	1	27.2
Interior Finishes	06	17.4	3	15.4	2	17.5
Interior Electrical	11	15.7	4	14.4	4	15.7
Roofing	03	15.5	8	0.0	3	16.2
Exterior Closure	04	10.9	2	24.3	6	10.3
Plumbing	08	10.7	6	4.7	5	11.0
Interior Construction	05	1.9	7	0.8	7	1.9
Special Interior Electrical System	12	1.6	1	33.4	8	0.2

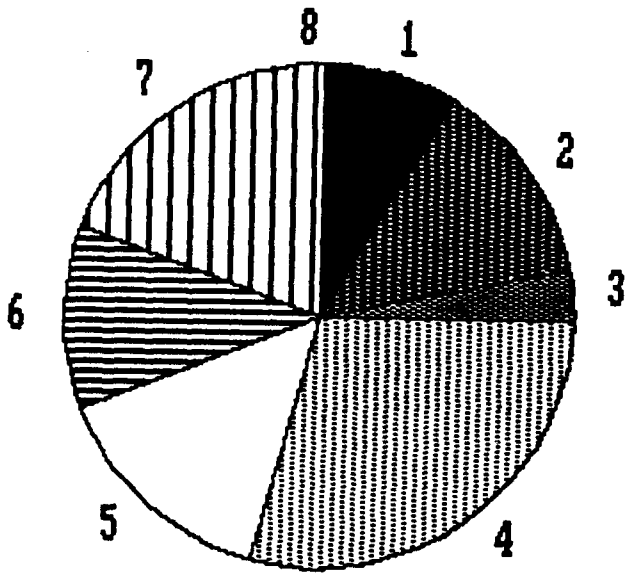
Heat Transmission/Distribution Lines - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
HVAC	09	40.2			1	40.2
Plumbing	08	23.7			2	23.7
Interior Finishes	06	10.8			3	10.8
Interior Electrical	11	8.7			4	8.7
Roofing	03	8.5			5	8.5
Exterior Closure	04	7.2			6	7.2
Interior Construction	05	0.9			7	0.9
Special Interior Electrical System	12	0.0			8	0.0

Water Supply - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Closure	04	39.0			1	39.0
Exterior Finishes	06	34.2			2	34.2
Roofing	03	22.1			3	22.1
Interior Electrical	11	4.8			4	4.8
Interior Construction	05	0.0			5	0.0
Plumbing	08	0.0			6	0.0
HVAC	09	0.0			7	0.0
Special Interior Electrical System	12	0.0			8	0.0

Water Distribution System - Cost by Engineering System						
Engineering System Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Interior Electrical	11	27.4	1	31.1	4	1.9
Exterior Closure	04	25.0	2	19.1	1	66.2
Roofing	03	17.9	4	17.1	2	23.5
Interior Finishes	06	16.4	3	17.5	3	8.4
Special Interior Electrical System	12	6.4	5	7.4	8	0.0
Plumbing	08	3.4	6	3.9	6	0.0
Interior Construction	05	2.1	7	2.4	5	0.0
HVAC	09	1.3	8	1.5	7	0.0

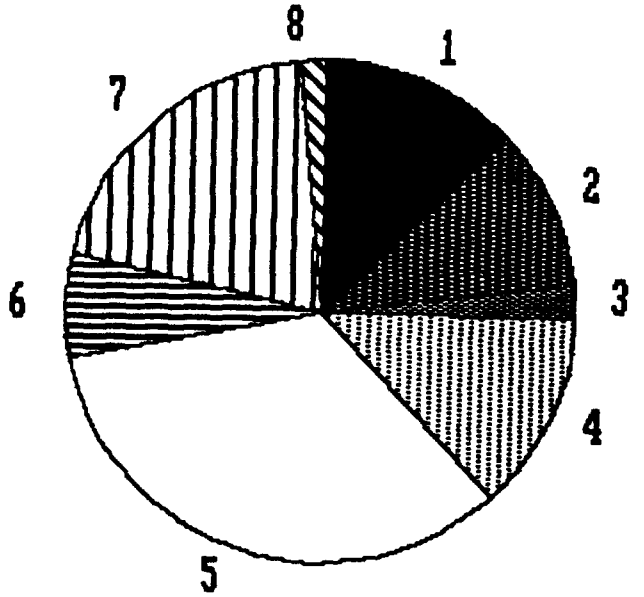
APPENDIX G: Graphs of Percentage of Cost by Engineering System

Total 123000



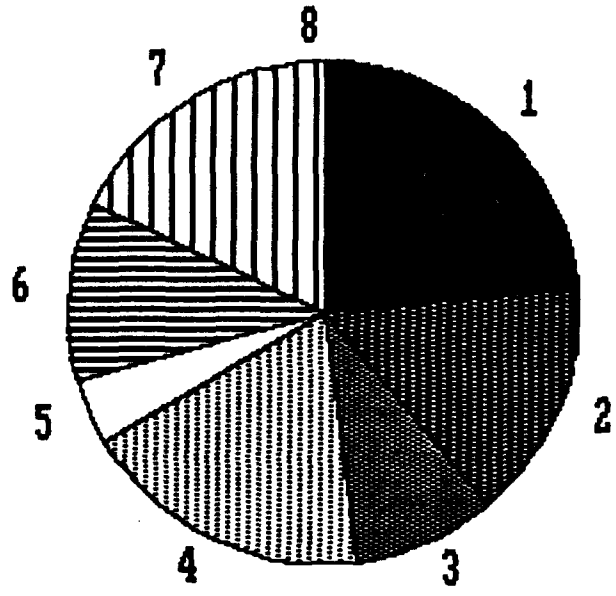
CACES	No.	%
1	03	8.6
2	04	13.3
3	05	3.3
4	06	29.2
5	08	14.6
6	09	11.7
7	11	19.4
8	12	.0

Total 140000



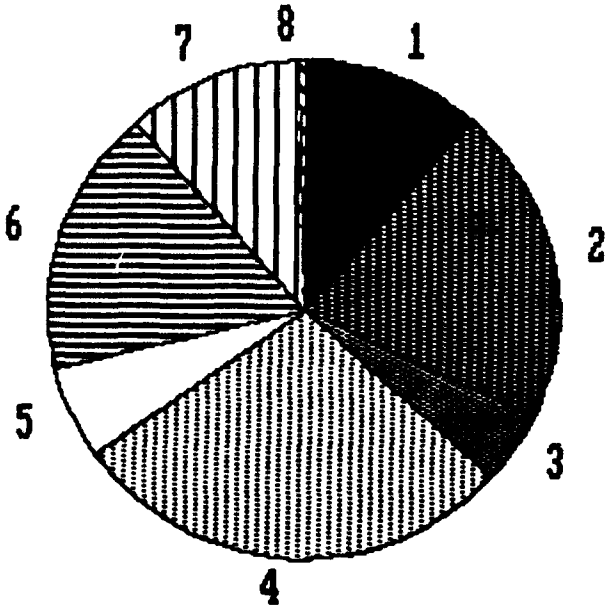
CACES	No.	%
1	03	12.9
2	04	10.4
3	05	2.1
4	06	12.7
5	08	33.9
6	09	6.8
7	11	19.7
8	12	1.5

Total 141830



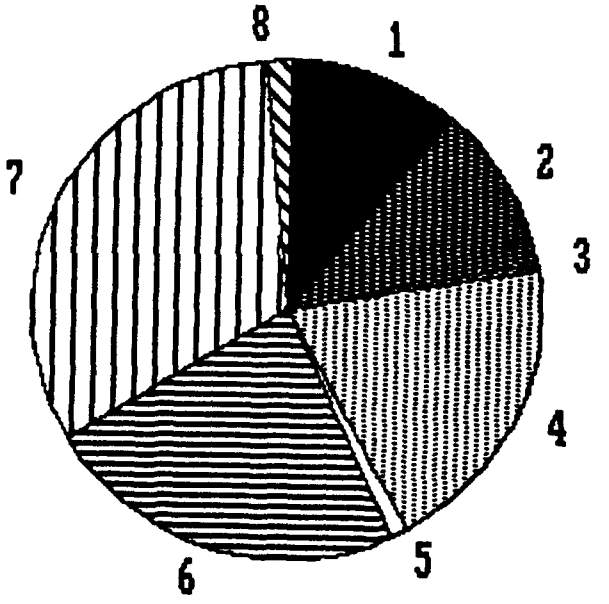
CACES	No.	%
1	03	23.4
2	04	15.7
3	05	8.8
4	06	18.7
5	08	4.0
6	09	11.8
7	11	17.6
8	12	.0

Total 141850



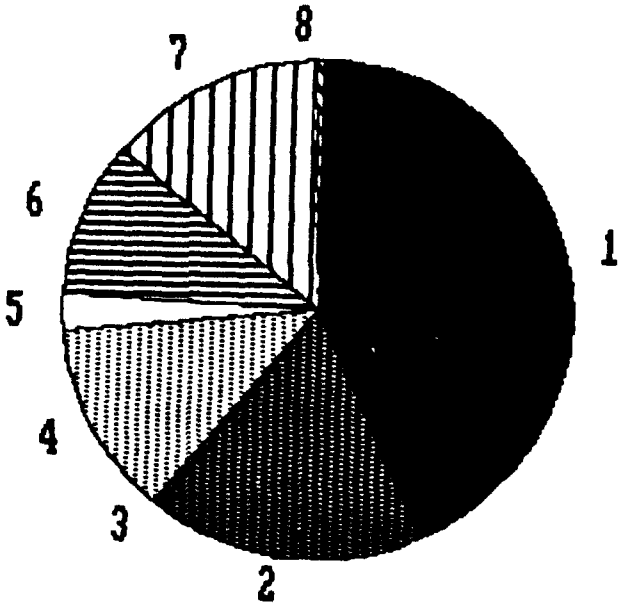
CACES	No.	%
1	03	11.2
2	04	20.9
3	05	4.6
4	06	28.3
5	08	6.2
6	09	17.2
7	11	11.2
8	12	.3

Total 171200



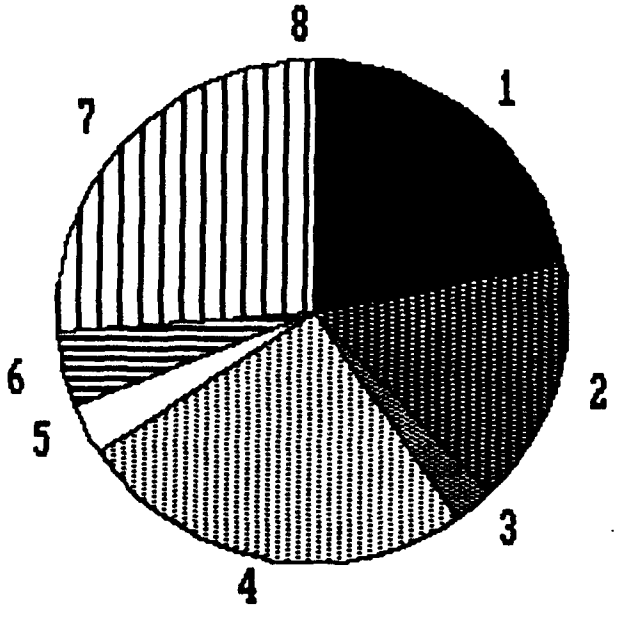
CACES	No.	%
1	03	10.9
2	04	10.9
3	05	.5
4	06	19.8
5	08	1.2
6	09	23.0
7	11	32.2
8	12	1.6

Total 171300



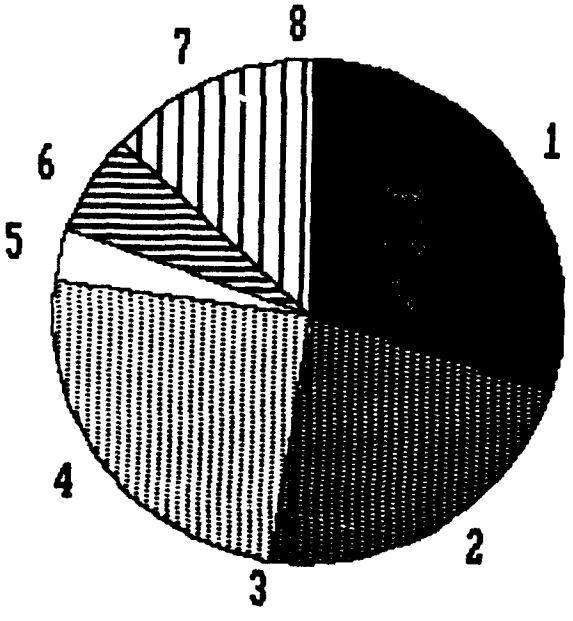
CACES	No.	%
1	03	43.3
2	04	17.0
3	05	.7
4	06	12.6
5	08	2.3
6	09	10.0
7	11	13.8
8	12	.3

Total 211100



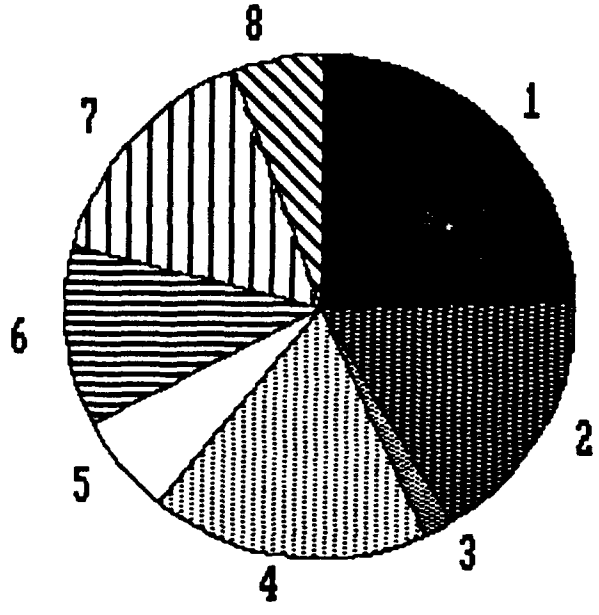
CACES	No.	%
1	03	21.8
2	04	16.2
3	05	2.3
4	06	25.3
5	08	3.4
6	09	4.8
7	11	26.1
8	12	.0

Total 211110



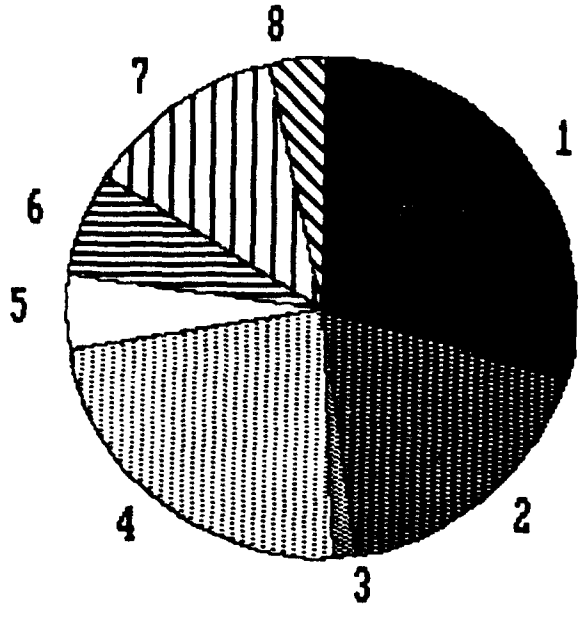
CACES	No.	%
1	03	30.0
2	04	21.5
3	05	1.0
4	06	24.7
5	08	3.2
6	09	6.4
7	11	13.3
8	12	.0

Total 214100



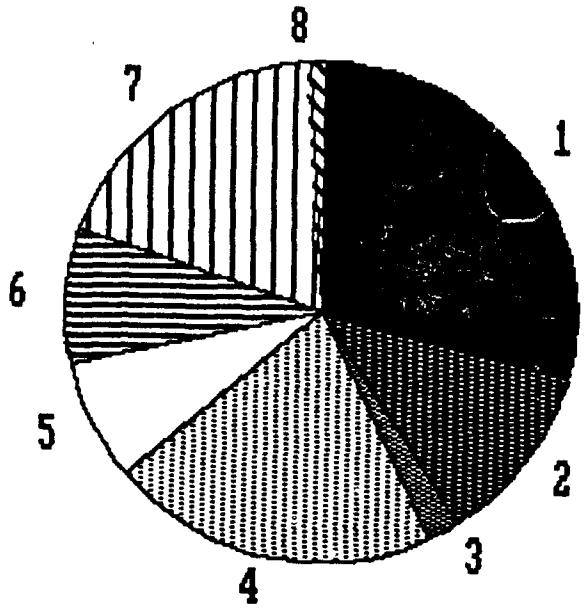
CACES	No.	%
1	03	24.7
2	04	16.7
3	05	1.9
4	06	17.6
5	08	6.4
6	09	11.7
7	11	15.5
8	12	5.6

Total 214200



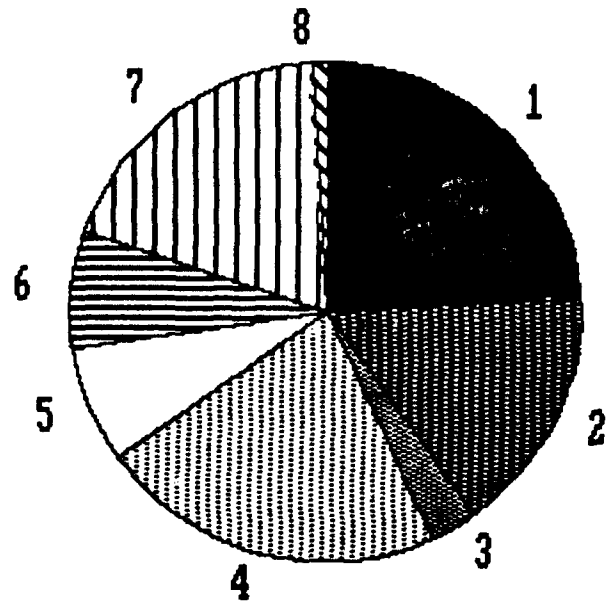
CACES	No.	%
1	03	29.7
2	04	17.9
3	05	1.4
4	06	23.3
5	08	5.2
6	09	6.7
7	11	12.3
8	12	3.6

Total 218000



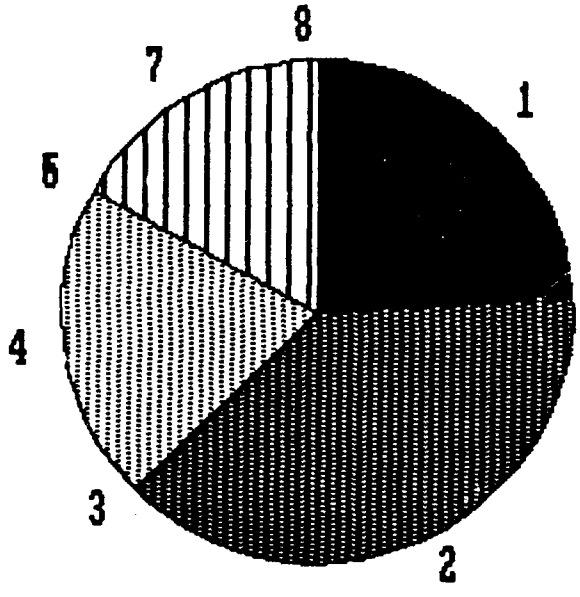
CACES	No.	%
1	03	29.2
2	04	11.9
3	05	1.9
4	06	20.8
5	08	7.7
6	09	9.0
7	11	18.6
8	12	1.0

Total 219000



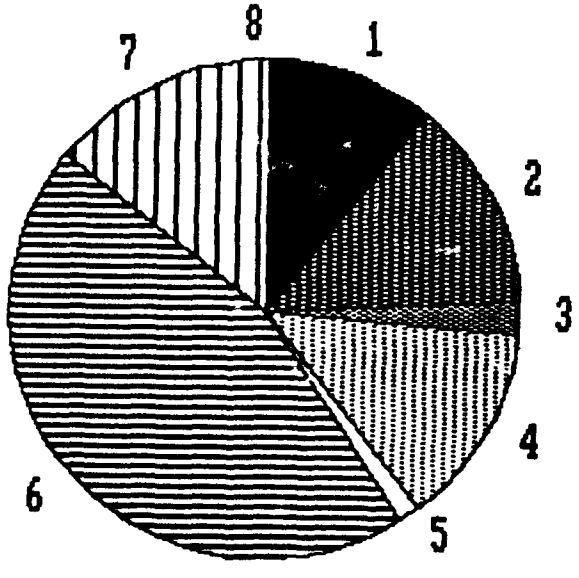
CACES	No.	%
1	03	24.1
2	04	16.2
3	05	3.0
4	06	21.8
5	08	7.5
6	09	8.0
7	11	18.6
8	12	.9

Total 421000



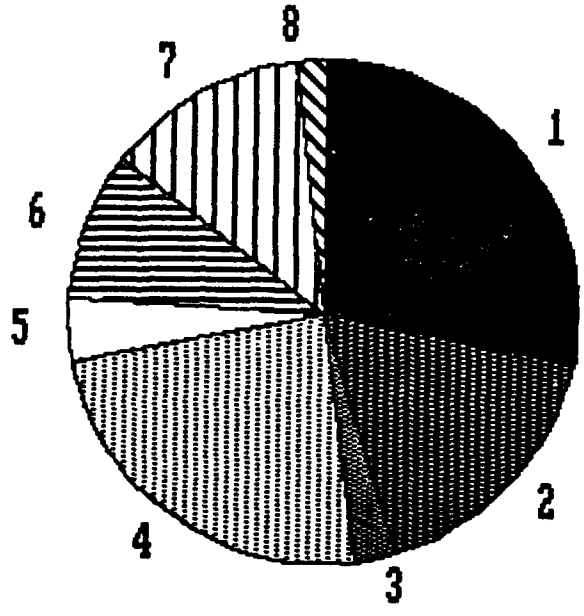
CACES	No.	%
1	03	23.9
2	04	38.7
3	05	.0
4	06	20.6
5	08	.0
6	09	.0
7	11	16.8
8	12	.0

Total 430000



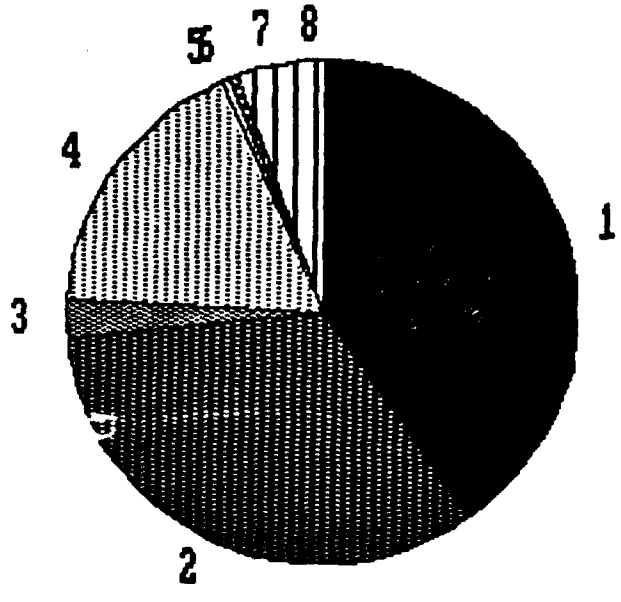
CACES	No.	%
1	03	10.6
2	04	13.6
3	05	2.3
4	06	13.0
5	08	1.5
6	09	44.6
7	11	14.2
8	12	.0

Total 442000



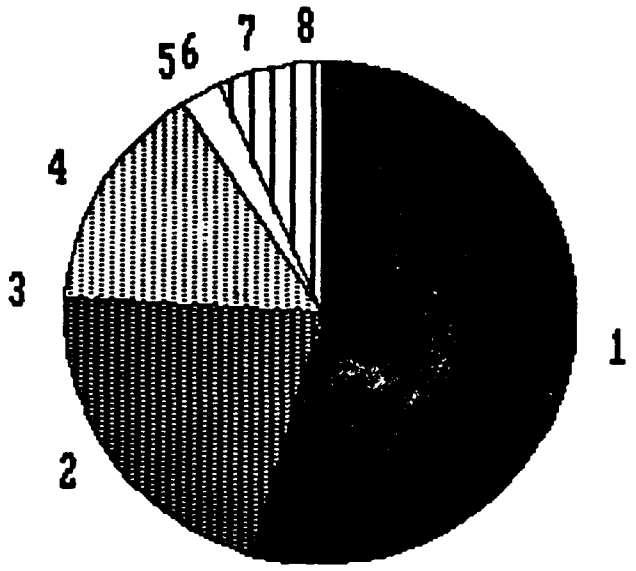
CACES	No.	%
1	03	28.3
2	04	17.2
3	05	2.4
4	06	24.2
5	08	4.1
6	09	9.3
7	11	12.7
8	12	1.8

Total 442400



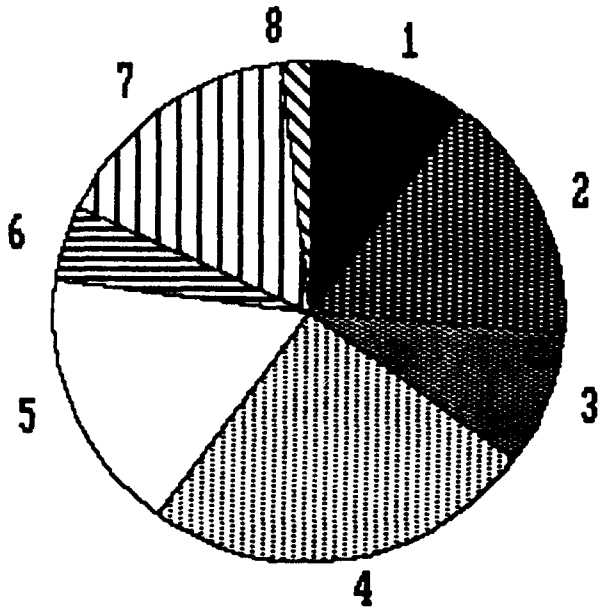
CACES	No.	%
1	03	40.1
2	04	33.6
3	05	2.5
4	06	17.4
5	08	.6
6	09	.7
7	11	5.3
8	12	.0

Total 442600



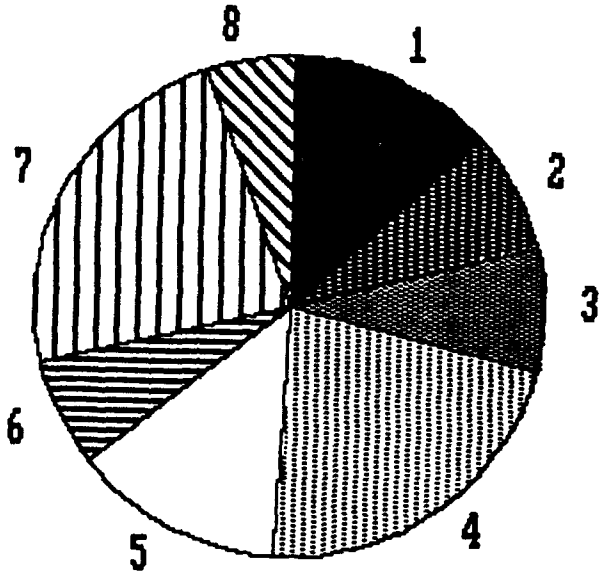
CACES	No.	%
1	03	54.5
2	04	21.7
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4	06	14.9
5	08	2.4
6	09	.0
7	11	6.5
8	12	.0

Total 540100



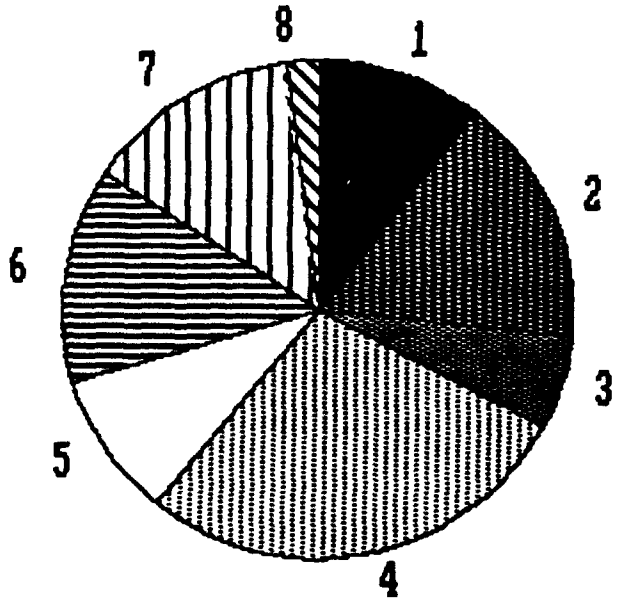
CACES	No.	%
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2	04	16.3
3	05	8.7
4	06	24.8
5	08	17.3
6	09	4.9
7	11	16.1
8	12	1.7

Total 550100



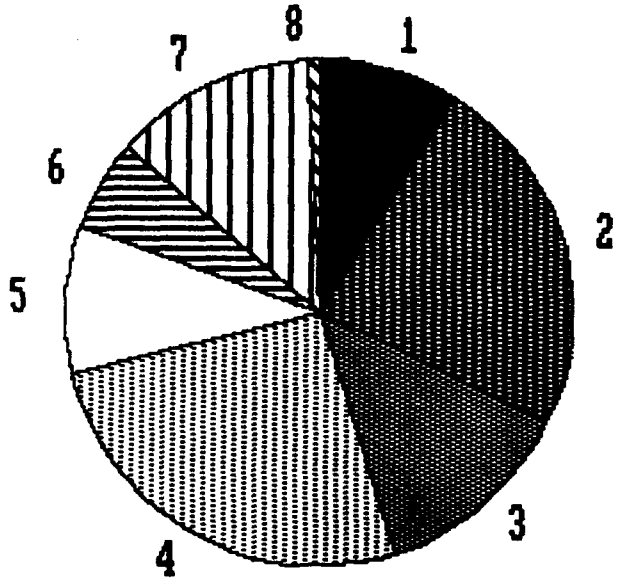
CACES	No.	%
1	03	13.1
2	04	7.9
3	05	8.1
4	06	21.8
5	08	13.5
6	09	6.9
7	11	23.4
8	12	5.4

Total 610500



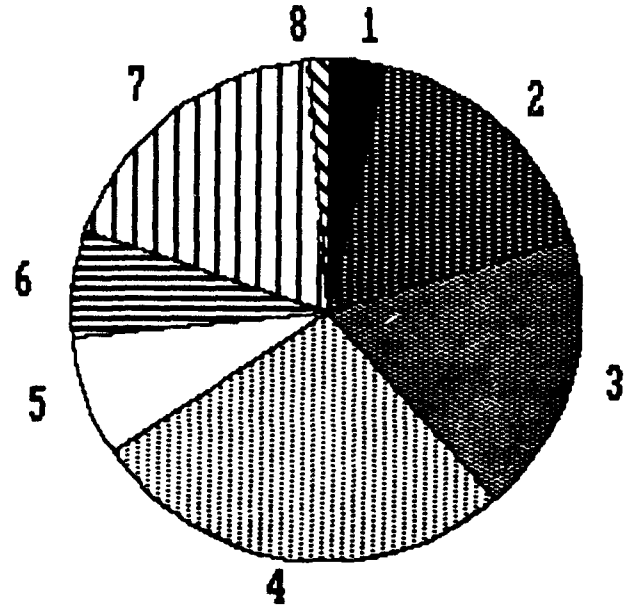
CACES	No.	%
1	03	10.3
2	04	16.4
3	05	6.1
4	06	28.2
5	08	9.4
6	09	13.9
7	11	13.5
8	12	2.2

Total 711110



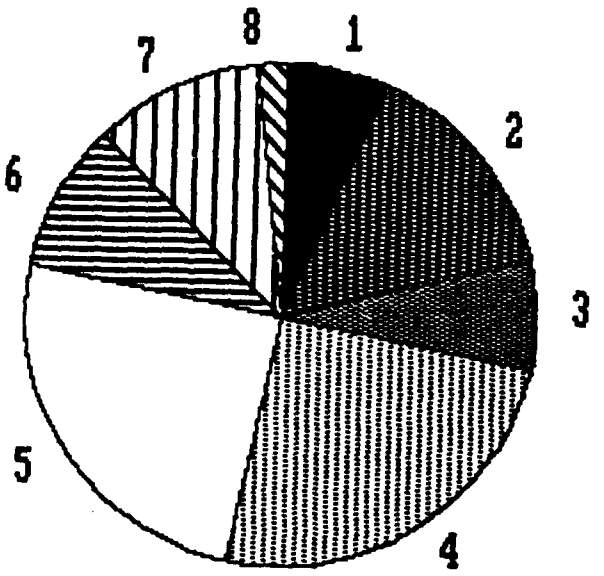
CACES	No.	%
1	03	9.0
2	04	23.3
3	05	12.9
4	06	26.1
5	08	9.4
6	09	5.8
7	11	12.9
8	12	.6

Total 711120



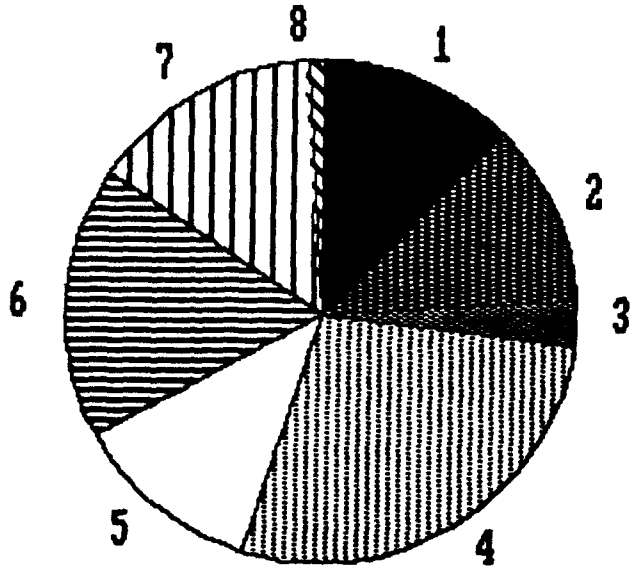
CACES	No.	%
1	03	3.8
2	04	16.5
3	05	18.1
4	06	27.2
5	08	7.9
6	09	6.8
7	11	18.5
8	12	1.2

Total 721000



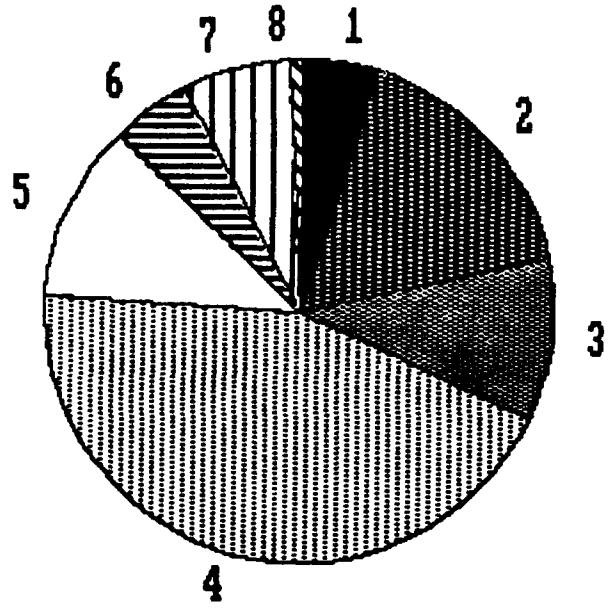
CACES	No.	%
1	03	6.6
2	04	14.7
3	05	6.8
4	06	25.3
5	08	24.9
6	09	9.4
7	11	10.5
8	12	1.8

Total 722000



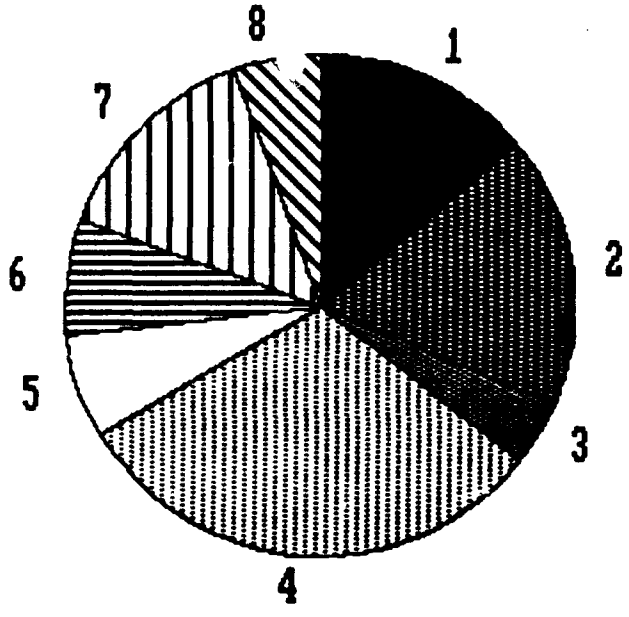
CACES	No.	%
1	03	12.3
2	04	11.6
3	05	3.2
4	06	28.1
5	08	11.9
6	09	17.5
7	11	14.2
8	12	1.1

Total 724000



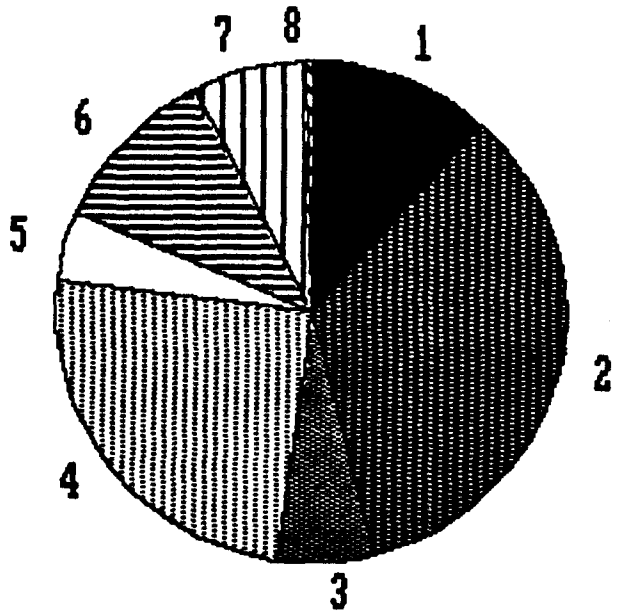
CACES	No.	%
1	03	4.8
2	04	16.8
3	05	10.5
4	06	44.0
5	08	11.0
6	09	5.0
7	11	7.1
8	12	.6

Total 730100



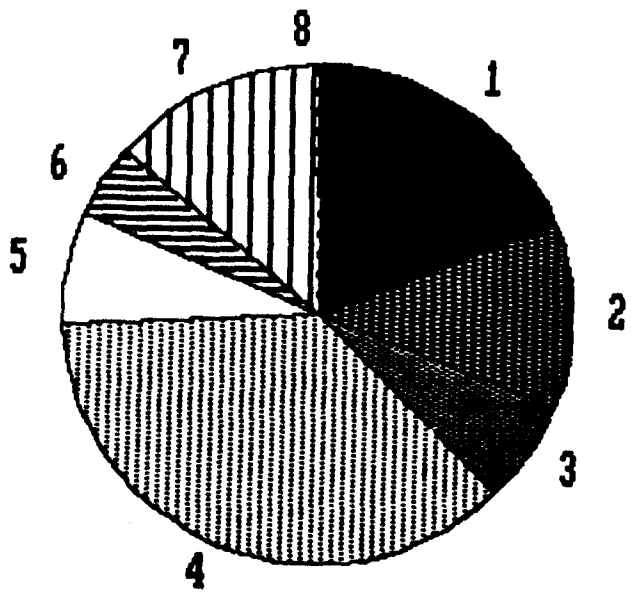
CACES	No.	%
1	03	14.1
2	04	17.3
3	05	4.3
4	06	30.7
5	08	6.9
6	09	7.4
7	11	14.0
8	12	5.3

Total 730200



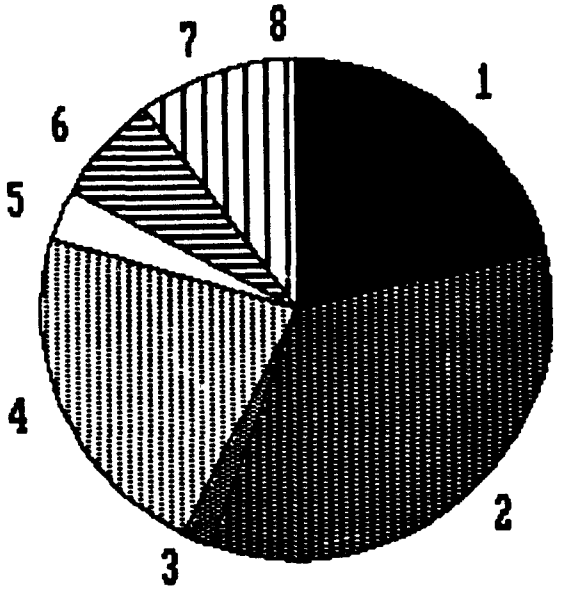
CACES	No.	%
1	03	11.6
2	04	34.5
3	05	6.2
4	06	24.8
5	08	4.6
6	09	10.7
7	11	7.3
8	12	.4

Total 730480



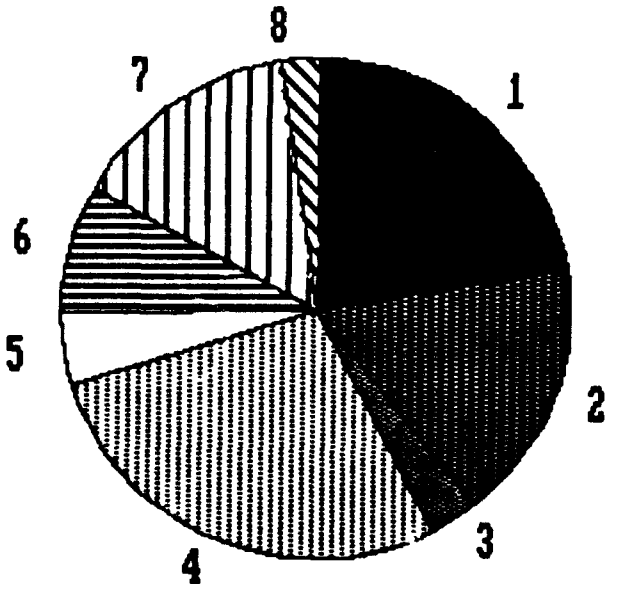
CACES	No.	%
1	03	19.1
2	04	11.9
3	05	6.7
4	06	36.6
5	08	7.1
6	09	4.8
7	11	13.6
8	12	.2

Total 730730



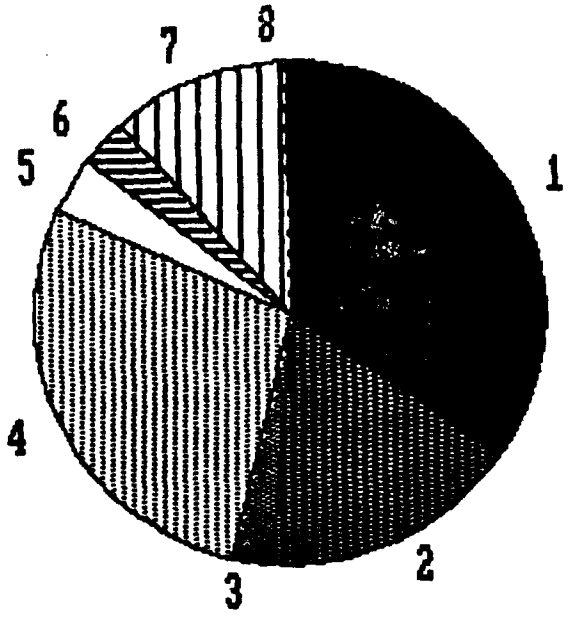
CACES	No.	%
1	03	21.6
2	04	34.2
3	05	1.9
4	06	22.2
5	08	3.4
6	09	6.8
7	11	10.0
8	12	.0

Total 740100



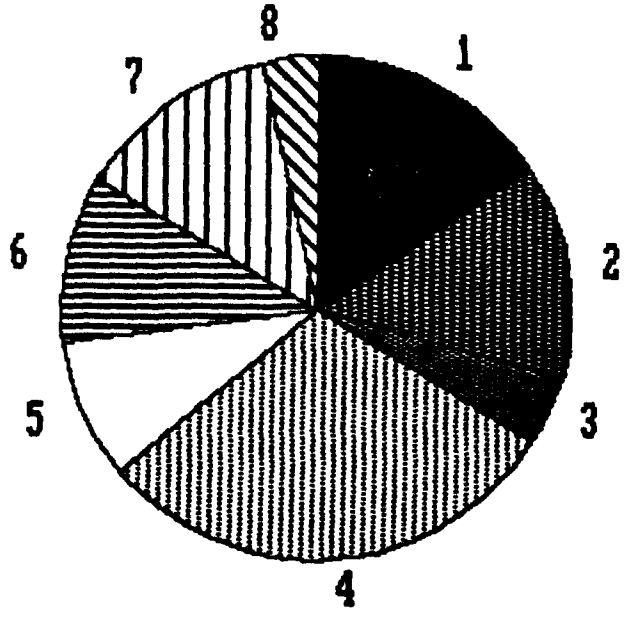
CACES	No.	%
1	03	22.3
2	04	16.8
3	05	3.2
4	06	27.6
5	08	4.9
6	09	8.2
7	11	14.4
8	12	2.4

Total 740110



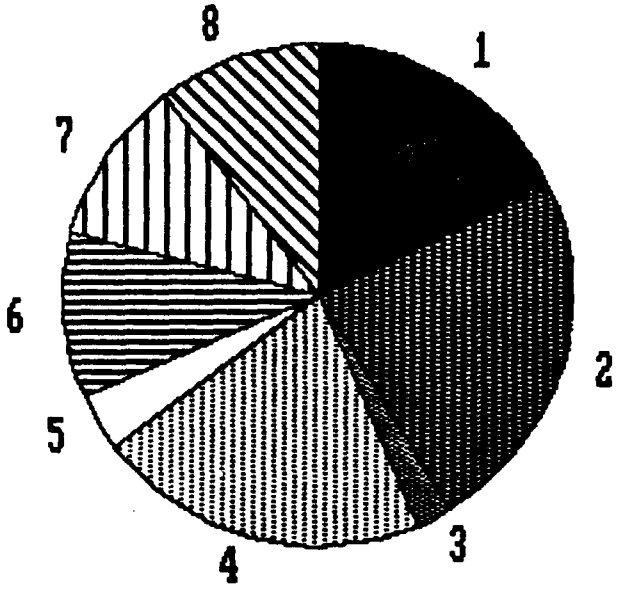
CACES	No.	%
1	03	34.8
2	04	16.7
3	05	2.5
4	06	28.2
5	08	3.5
6	09	3.1
7	11	11.1
8	12	.1

Total 740140



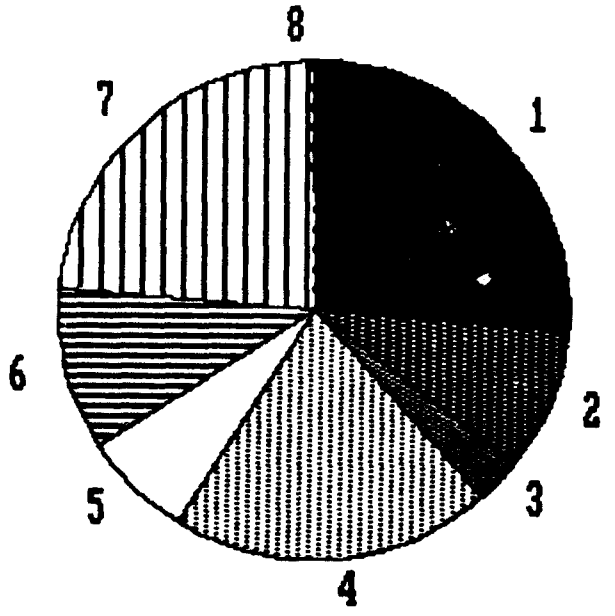
CACES	No.	%
1	03	15.6
2	04	14.0
3	05	4.4
4	06	30.2
5	08	8.8
6	09	10.8
7	11	12.7
8	12	3.6

Total 740210



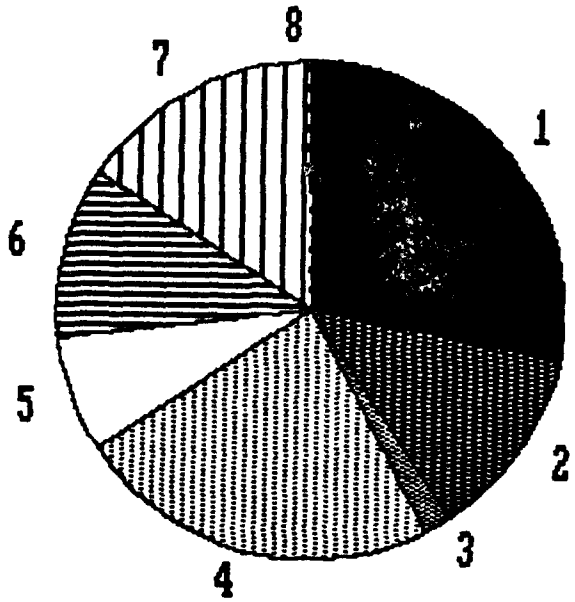
CACES	No.	%
1	03	17.9
2	04	23.6
3	05	2.2
4	06	21.1
5	08	3.5
6	09	11.0
7	11	10.5
8	12	10.1

Total 740220



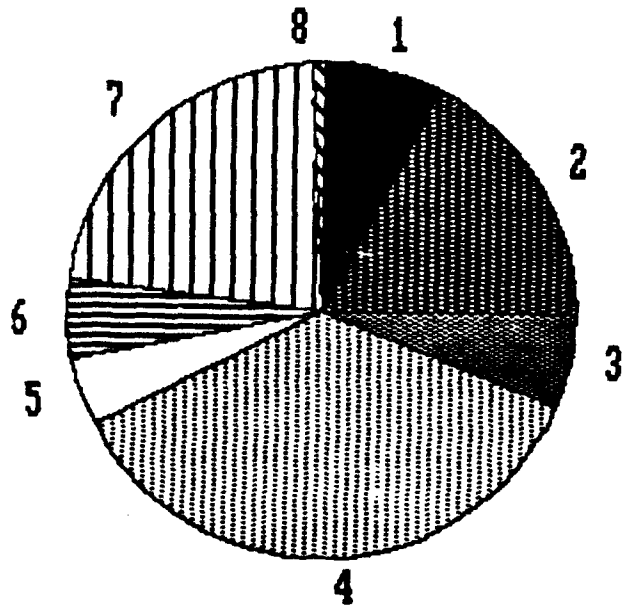
CACES	No.	%
1	03	26.5
2	04	9.1
3	05	2.8
4	06	20.5
5	08	7.2
6	09	10.4
7	11	23.4
8	12	.1

Total 740240



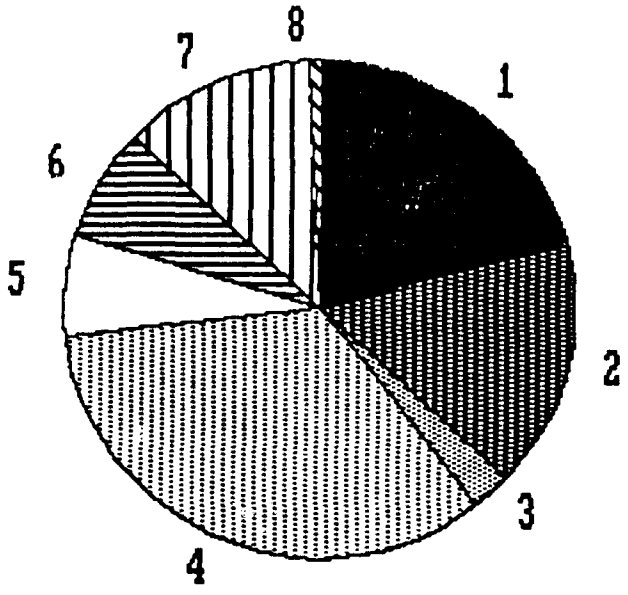
CACES	No.	%
1	03	28.3
2	04	12.5
3	05	1.6
4	06	23.3
5	08	7.6
6	09	11.1
7	11	15.5
8	12	.1

Total 740250



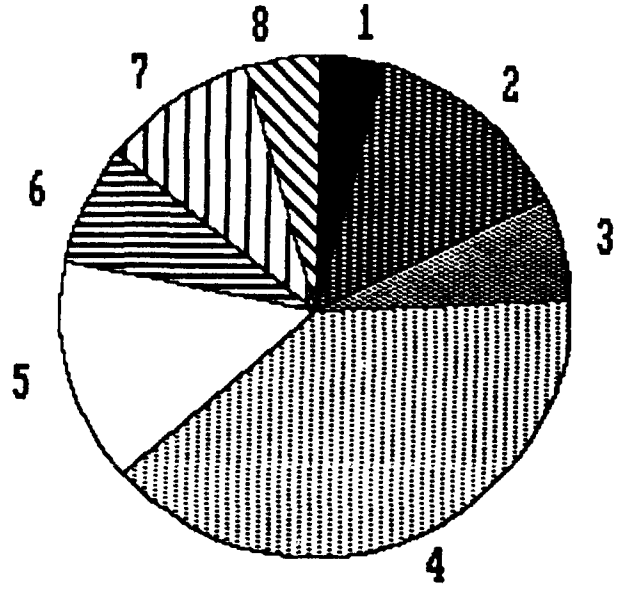
CACES	No.	%
1	03	7.7
2	04	17.3
3	05	6.3
4	06	36.0
5	08	4.3
6	09	5.3
7	11	22.4
8	12	.6

Total 740280



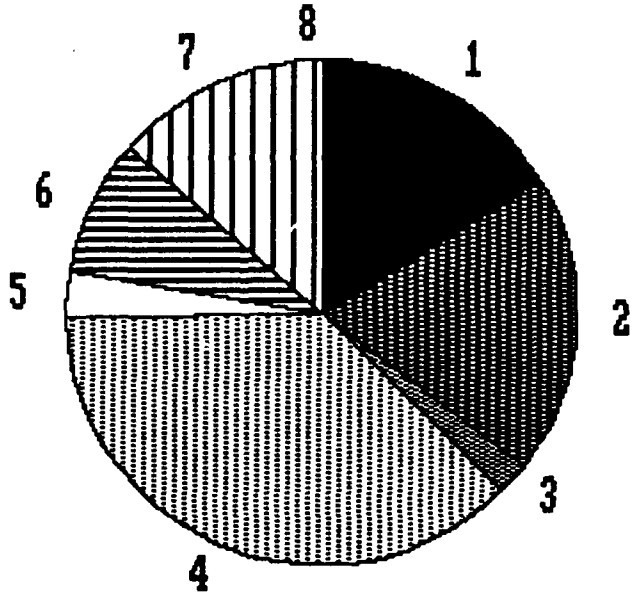
CACES	No.	%
1	03	20.8
2	04	16.2
3	05	2.7
4	06	33.6
5	08	6.6
6	09	7.2
7	11	12.2
8	12	.7

Total 740320



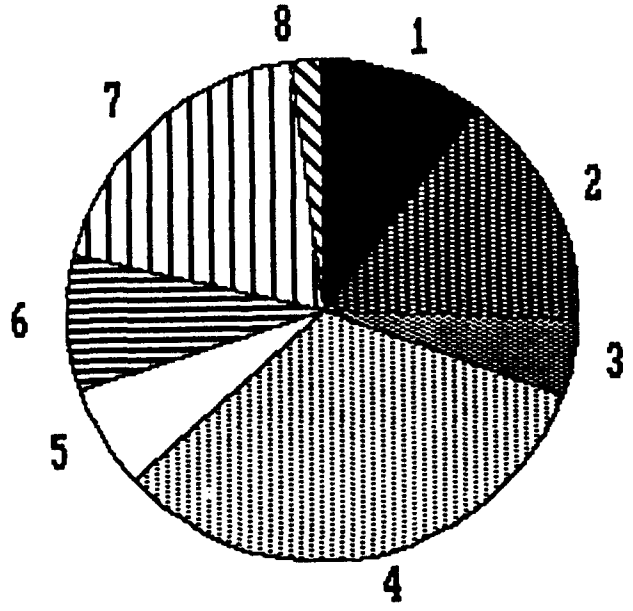
CACES	No.	%
1	03	4.4
2	04	13.3
3	05	6.5
4	06	39.4
5	08	14.8
6	09	7.5
7	11	9.7
8	12	4.5

Total 740410



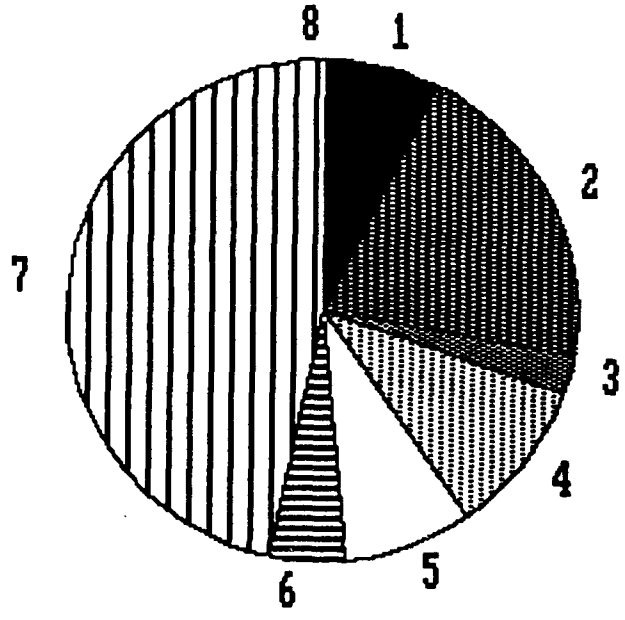
CACES	No.	%
1	03	16.2
2	04	19.3
3	05	2.2
4	06	37.2
5	08	3.1
6	09	8.7
7	11	13.4
8	12	.0

Total 740460



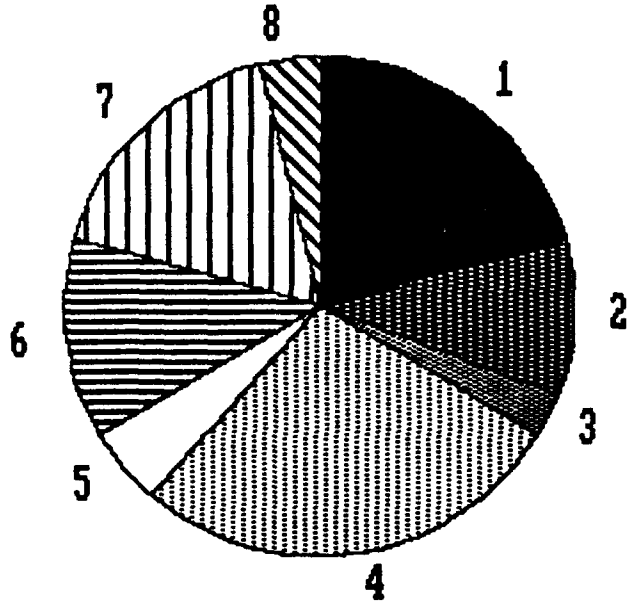
CACES	No.	%
1	03	10.5
2	04	15.6
3	05	4.9
4	06	32.6
5	08	6.5
6	09	8.9
7	11	19.2
8	12	1.8

Total 740520



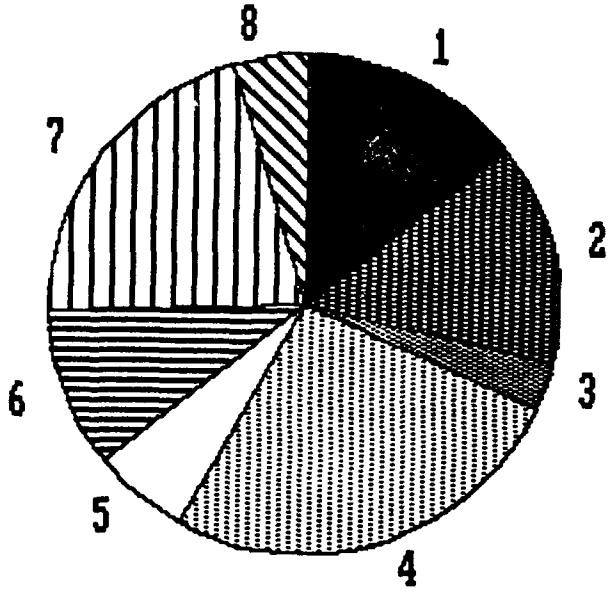
CACES	No.	%
1	03	7.3
2	04	20.5
3	05	2.5
4	06	10.0
5	08	8.3
6	09	4.9
7	11	46.5
8	12	.0

Total 740530



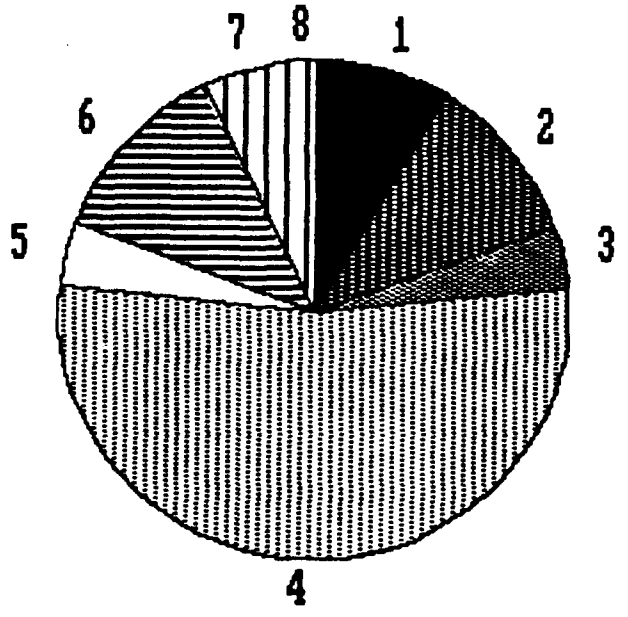
CACES	No.	%
1	03	20.7
2	04	10.2
3	05	2.9
4	06	27.8
5	08	5.0
6	09	12.9
7	11	16.7
8	12	3.8

Total 740640



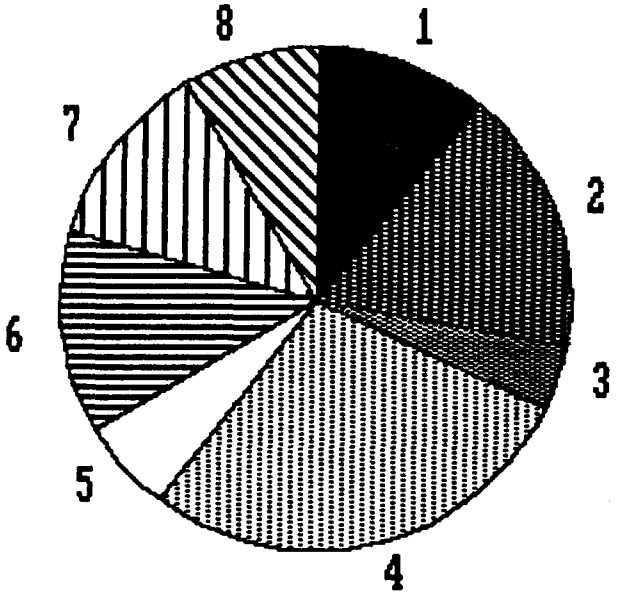
CACES	No.	%
1	03	14.3
2	04	14.4
3	05	3.0
4	06	26.4
5	08	6.2
6	09	10.2
7	11	20.8
8	12	4.5

Total 740660



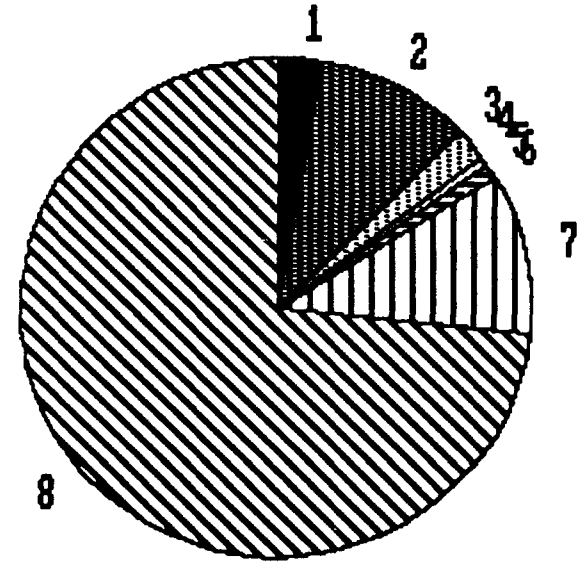
CACES	No.	%
1	03	8.5
2	04	11.2
3	05	3.7
4	06	53.4
5	08	4.1
6	09	11.9
7	11	7.2
8	12	.0

Total 740690



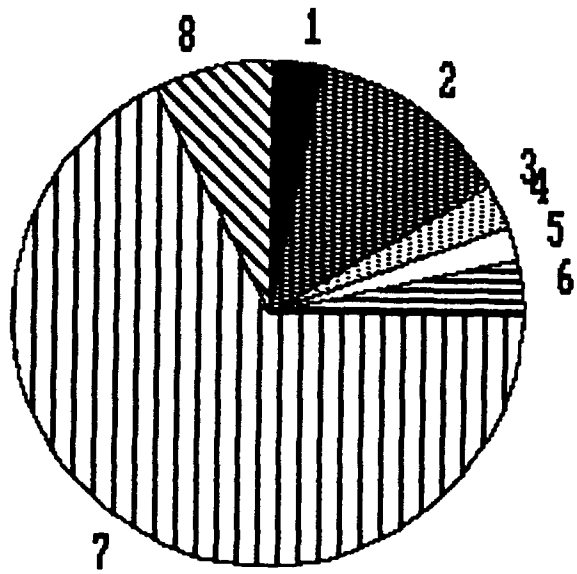
CACES	No.	%
1	03	10.9
2	04	17.1
3	05	4.2
4	06	28.2
5	08	6.2
6	09	13.1
7	11	11.9
8	12	8.5

Total 811000



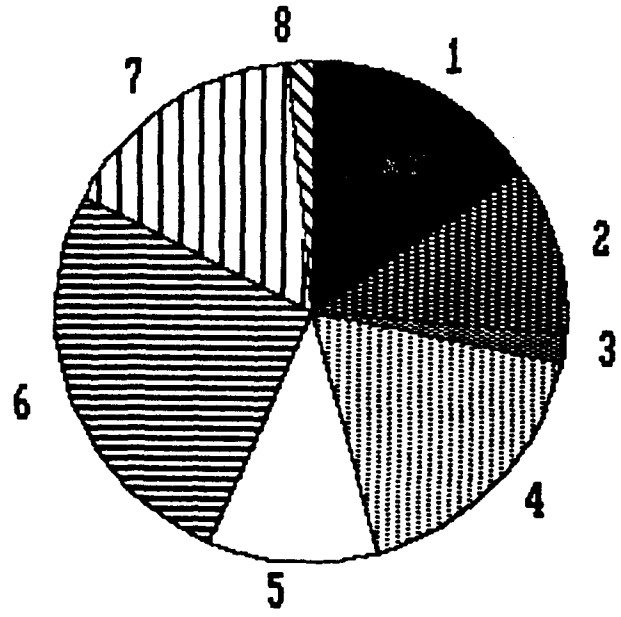
CACES	No.	%
1	03	3.0
2	04	9.5
3	05	.0
4	06	2.3
5	08	.6
6	09	.8
7	11	10.6
8	12	73.1

Total 813000



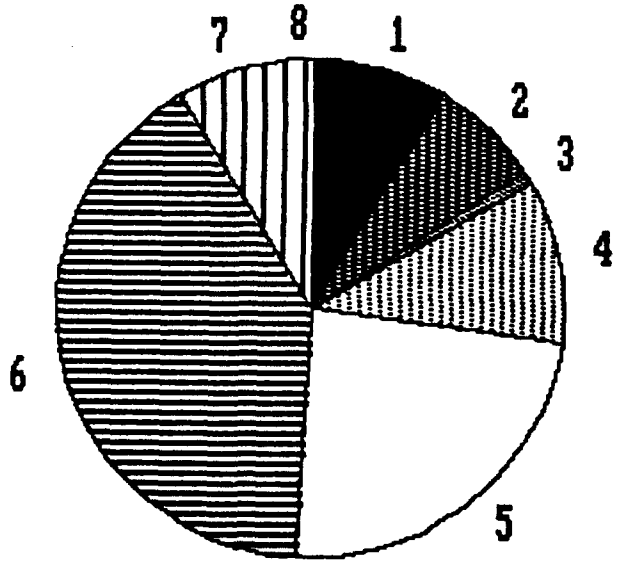
CACES	No.	%
1	03	3.4
2	04	13.0
3	05	.0
4	06	2.9
5	08	2.1
6	09	3.7
7	11	67.5
8	12	7.4

Total 821000



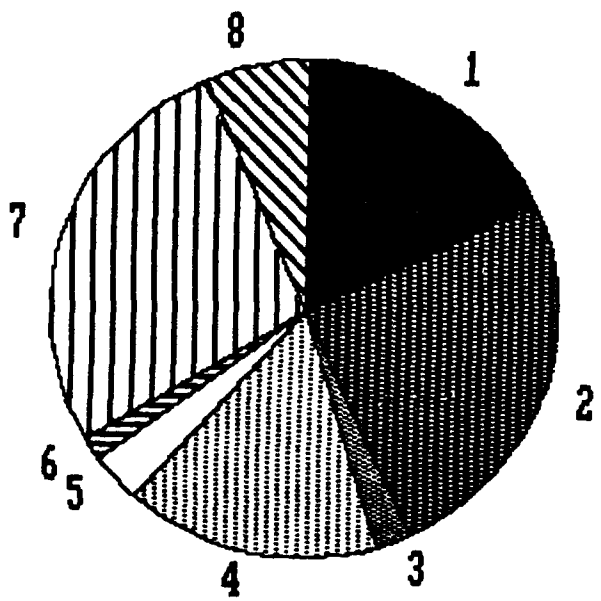
CACES	No.	%
1	03	15.5
2	04	10.9
3	05	1.9
4	06	17.4
5	08	10.7
6	09	26.3
7	11	15.7
8	12	1.6

Total 822000

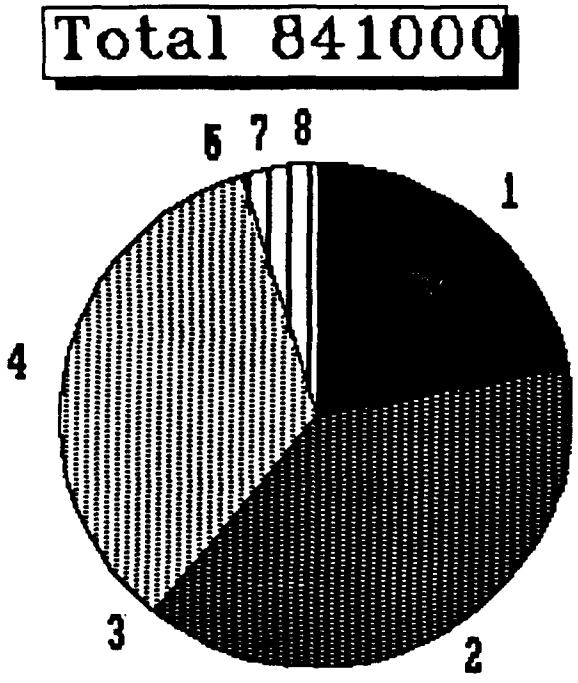


CACES	No.	%
1	03	8.5
2	04	7.2
3	05	.9
4	06	10.8
5	08	23.7
6	09	40.2
7	11	8.7
8	12	.0

Total 842000



CACES	No.	%
1	03	17.9
2	04	25.0
3	05	2.1
4	06	16.4
5	08	3.4
6	09	1.3
7	11	27.4
8	12	6.4



CACES	No.	%
1	03	22.1
2	04	39.0
3	05	.0
4	06	34.2
5	08	.0
6	09	.0
7	11	4.8
8	12	.0

APPENDIX H: Component and Task Descriptions

CACES DESCRIPTION

0300000 ROOFING

0310000 ROOFING
0311000 ROOF COVERING
0311100 BUILT-UP ROOFING
0311101 DEBRIS REMOVAL-HAND & VIS.INSPECT.-BLTUP
0311102 MOISTURE INSPECTION OF ROOF BUILTUP
0311103 MINOR MEMBRANE REPAIRS - BUILT UP ROOF
0311104 MINOR MEMBRANE REPLACEMENT - BUILTUP RF.
0311105 FLASHING REPAIRS - BUILTUP ROOF
0311106 PLACE NEW MEMBRANE OVER EXSTG.BUILTUP RF
0311107 MEMBRANE REMOVAL & REPLACEMT.BUILTUP RF.
0311200 SINGLE PLY ROOFING
0311210 MOD. BITUMINOUS / THERMOPLASTIC
0311211 DEBRIS REMOVAL-HAND & VIS.INSPCT-M.B./T.
0311212 MOISTURE INSPECTION - M.B. /THERMOPL.
0311213 MINOR MEMBRANE REPAIRS - M.B./T.
0311214 REPAIR MOD. BITUMINOUS / THERMOPLASTIC
0311215 FLASHING REPAIRS MOD. BIT./ THERMOPL.
0311217 MEMBRANE REPLACEMENT OR REPAIR M.B./T.
0311220 THERMOSETTING
0311221 DEBRIS REMOVAL & VISUAL INSP.- THERMOSET
0311222 MOISTURE INSPECTION - THERMOSETTING
0311223 MINOR MEMBRANE REPAIRS - THERMOSETG.
0311224 MINOR REPLACEMENT - THERMOSETTING
0311225 FLASHING REPAIRS - THERMOSETTING
0311227 MEMBRANE REPLACEMENT - THERMOSETTING
0311300 STEEP ROOFING
0311310 SLATE
0311312 NON-DESTRUCTIVE MOISTURE INSPECT.-SLATE
0311313 REPAIRS - SLATE ROOF
0311314 MINOR TILE REPLACEMENT - SLATE ROOF
0311315 FLASHING REPAIRS - SLATE ROOF
0311317 TOTAL ROOF REPLACEMENT - SLATE ROOF.
0311320 CEMENT ASBESTOS
0311321 DEBRIS REMOV.BY HAND+VIS.INSP.-CEMT ASB.
0311322 NON-DESTRUCT.MOISTURE INSPECT.-CEMT ASB.
0311323 REPAIR - CEMENT ASBESTOS ROOF
0311324 MINOR REPLACEMENT - CEMENT ASBESTOS
0311325 FLASHING REPAIR - CEMENT ASBESTOS
0311327 TOTAL ROOF REPLACEMENT - CEMENT ASBESTOS
0311330 TILE
0311331 DEBRIS REMOV.BY HAND & VISUAL INSP.-TILE
0311332 NON-DESTRUCTIVE MOISTURE INSPECT.- TILE
0311333 REPAIR - TILE ROOFING
0311334 MINOR REPLACEMENT - TILE ROOF
0311335 FLASHING REPAIR - TILE ROOF
0311337 TOTAL ROOF REPLACEMENT - TILE ROOF
0311340 ROLL ROOFING
0311341 DEBRIS REMOV.BY HAND & VIS.INSP.-ROLL RF
0311342 NON-DESTSRUCT.MOISTURE INSPECT-ROLL RFG.
0311343 MINOR ROOFING REPAIR - ROLL ROOFING
0311344 MINOR REPLACEMENT - ROLL ROOFING
0311345 FLASHING REPAIRS - ROLL ROOFING
0311347 TOTAL ROOF REPLACEMENT - ROLL ROOFING

CACES DESCRIPTION

0311350 SHINGLES
0311351 DEBRIS REMOV.BY HAND & VIS.INSP.-SHINGLE
0311352 NON-DESTRUCTIVE MOISTURE INSP. - SHINGLE
0311353 MINOR REPAIRS - SHINGLED ROOF
0311354 MINOR REPLACEMENT - SHINGLED ROOF
0311355 FLASHING REPAIRS - SHINGLED ROOF
0311356 REPLACE NEW OVER EXISTING-SHINGLED RFG.
0311357 REMOVAL AND REPLACEMENT OF SHINGLED ROOF
0311360 METAL
0311361 DEBRIS REMOV.BY HAND+VIS.INSP.-METAL RFG
0311362 NON-DESTRUCT.MOISTURE INSPECT.-METAL RFG
0311363 MINOR REPAIRS - METAL ROOF
0311364 MINOR REPLACEMENT - METAL ROOF
0311365 FLASHING REPLACEMENT - METAL ROOF
0311367 TOTAL METAL PANEL REPLACEMENT-METAL ROOF
0311370 FIBERGLASS RIGID,STEEP ROOF
0311371 DEBRIS REMOVE HAND&VIS INSP-RIG FIBERGLS
0311372 MOISTURE INSP. NON-DEST.-RIGID FIBERGLS
0311373 MINOR REPAIRS - RIGID FIBERGLASS ROOF
0311374 MINOR REPLACE - RIGID FIBERGLASS ROOFING
0311375 FLASHING REPAIR -RIGID FIBERGLAS ROOF
0311377 TOTAL ROOF REPLACE.-RIGID FIBERGLAS ROOF
0311380 CONCRETE,SEALED PANEL STEEP ROOF
0311381 DEBIS REMOVE HAND&VIS INSP-CONC SEAL PNL
0311382 MOISTURE INSP NON-DEST CONC SEAL PANEL
0311383 MINOR REPAIR - CONC,SEALED PANEL ROOF
0311384 MINOR REPLACE - CONC, SEALED STEEP ROOF
0311385 FLASHING REPAIR - CONC, SEALED PANEL
0311387 PLACE NEW MEMBRANE-CONC, SEAL PANEL ROOF
0311400 FLAT PANEL ROOFING
0311410 CONCRETE, SEALED PANEL ROOFING
0311411 DEBRIS REMOVE HAND&VIS INSP-CONC SEAL PN
0311412 MOISTURE INSP NON-DEST CONC, SEAL PANEL
0311413 MINOR REPAIRS - CONC,SEALED PANEL ROOF
0311414 MINOR REPLACE - CONC, SEALED PANEL ROOF
0311415 FLASHING REPAIR - CONC, SEALED PANEL RF
0311417 PLACE NEW MEMBRANE-CONC, SEALED PANEL RF
0311420 CONCRETE, SEALED POUR-IN-PLACE
0311421 DEBR REMVAL HAND&VIS INSP-CONC,SEAL PIP
0311422 MOIST INSP NON-DEST - CONC, SEAL PIP
0311423 MINOR REPAIRS - CONC, SEAL, POUR IN PL
0311424 MINOR REPAIRS - CONC,SEAL, POUR IN PL
0311425 FLASHING REPAIRS - CONC, SEAL POUR IN PL
0311427 TOTAL ROOF REPLACE - CONC, SEAL, P IN PL
0311430 FIBERGLASS, RIGID ROOF
0311431 DEBRIS REMOVE HAND&VIS INSP-RGD FIBERGLS
0311432 MOISTURE INSP, NON-DEST RIGID FIBERGLAS
0311433 MINOR REPAIRS - RIGID FIBERGLASS ROOF
0311434 MINOR REPLACE - RIGID FIBERGLASS ROOF
0311435 FLASHING REPAIRS - RIGID FIBERGLASS ROOF
0311437 TOTAL ROOF REPLACE - RIGID FIBERGLAS RF

0400000 EXTERIOR CLOSURE

0410000 EXTERIOR WALLS
0411000 EXTERIOR WALL CONSTRUCTION

CACES	DESCRIPTION
0412000	INTERIOR SKIN CONSTRUCTION
0413000	SCREEN WALLS
0414000	SOFFITS AND FACIA
0415000	EXTERIOR FINISHES
0415100	ADOBE EXTERIOR FINISH
0415110	ADOBE EXTERIOR FINISH FIRST FLOOR
0415112	REPAIR ADOBE EXTERIOR WALL - 1ST FLOOR
0415113	REFINISH REPAIRED ADOBE EXT.WALL 1ST FL.
0415114	REFINISH ADOBE EXTERIOR WALL 1ST FLOOR
0415115	REPLACE ADOBE EXTERIOR WALL - 1ST FLOOR
0415116	REFINISH REPLACED ADOBE EXT.WALL 1ST FL.
0415120	ADOBE EXTERIOR FINISH SECOND FLOOR
0415122	REPAIR ADOBE EXTERIOR WALL - 2ND FLOOR
0415123	REFINISH REPAIRED ADOBE EXT.WALL 2ND FL.
0415124	REFINISH ADOBE EXTERIOR WALL 2ND FLOOR
0415125	REPLACE ADOBE EXTERIOR WALL - 2ND FLOOR
0415126	REFINISH REPLACED ADOBE EXT.WALL 2ND FL.
0415130	ADOBE EXTERIOR FINISH THIRD + FLOOR
0415132	REPAIR ADOBE EXTERIOR WALL - 3RD+ FLOORS
0415133	REFINISH REPAIRED ADOBE EXT.WALL 3RD+FL.
0415134	REFINISH ADOBE EXT. WALL 3RD + FLOORS
0415135	REPLACE ADOBE EXTERIOR WALL - 3RD+FLOORS
0415136	REFINISH REPLACED ADOBE EXT.WALL 3RD+FL.
0415200	CLAY BRICK EXTERIOR FINISH
0415210	CLAY BRICK EXTERIOR FINISH FIRST FLOOR
0415212	REPAIR CLAY BRICK EXTERIOR WALL -1ST FL.
0415215	REPLACE CLAY BRICK EXTERIOR WALL-1ST FL.
0415220	CLAY BRICK EXTERIOR FINISH SECOND FLOOR
0415222	REPAIR CLAY BRICK EXTERIOR WALL-2ND FL.
0415225	REPLACE CLAY BRICK EXTERIOR WALL-2ND FL.
0415230	CLAY BRICK EXTERIOR FINISH THIRD+ FLOOR
0415232	REPAIR CLAY BRICK EXTERIOR WALL-3RD+ FL.
0415235	REPLACE CLAY BRICK EXTERIOR WALL-3RD FL.
0415300	CLAY BRICK (PAINTED) EXT. FINISH
0415310	CLAY BRICK (PAINTED) EXT. FIN. FIRST FL.
0415312	REPAIR PNTD CLAY BRICK EXT.WALL 1ST FL.
0415313	REFIN.REPAIR.PNTD CLAY BRICK EXT.1ST FL.
0415314	REFIN.PNTD CLAY BRICK EXT.WALL 1ST FL.
0415315	REPLACE PNTD.CLAY BRICK EXT.WALL 1ST FL.
0415316	REFIN.REPLCD PNTD.CLAY BRICK EXT.1ST FL.
0415320	CLAY BRICK (PAINTD) EXT. FIN. SECOND FL.
0415322	REPAIR PNTD CLAY BRICK EXT.WALL 2ND FL.
0415323	REFIN.REPAIR.PNTD.CLAY BRICK EXT.2ND FL.
0415324	REFIN. PNTD. CLAY BRICK EXT.WALL 2ND FL.
0415325	REPLACE PNTD.CLAY BRICK EXT.WALL 2ND FL.
0415326	REFIN.REPLCD.PNTD.CLAY BRICK.EXT.2ND FL.
0415330	CLAY BRICK (PAINTD) EXT. FIN. THIRD+ FL.
0415332	REPAIR PNTD.CLAY BRICK EXT.WALL 3RD+FLS.
0415333	REFIN.REPAIR PNTD.CLAY BRICK EXT.3RD+FL.
0415334	REFIN. PNTD.CLAY BRICK EXT.WALL 3RD+FLS.
0415335	REPLACE PNTD.CLAY BRICK EXT.WALL-3RD+FL.
0415336	REFIN.REPLCD.PNTD.CLAY BRICK EXT.3RD+FL.
0415400	CONCRETE BRICK EXTERIOR FINISH
0415410	CONCRETE BRICK EXTERIOR FIN. 1ST FLOOR
0415412	REPAIR CONCRETE BRICK EXT. WALL 1ST FL.

CACES	DESCRIPTION
0415415	REPLACE CONCRETE BRICK EXT.WALL 1ST FL.
0415420	CONCRETE BRICK EXTERIOR FIN. 2ND FLOOR
0415422	REPAIR CONCRETE BRICK EXT.WALL 2ND FL.
0415425	REPLACE CONCRETE BRICK EXT.WALL 2ND FL.
0415430	CONCRETE BRICK EXTERIOR FIN. 3RD FLOOR
0415432	REPAIR CONCRETE BRICK EXT.WALL 3RD+ FLS.
0415435	REPLACE CONCRETE BRICK EXT.WALL 3RD+FLS.
0415500	CONCRETE BRICK (PAINTED) EXT. FINISH
0415510	CONCRETE BRICK (PNTED) EXT. FIN. 1ST FL.
0415512	REPR.PNTD.CONCRETE BRICK EXT.WALL 1ST FL
0415513	RFN.RPRD.PNTD.CONC.BRICK EXT.WALL 1ST FL
0415514	REFN.PNT.CONCRETE BRICK EXT.WALL 1ST FL.
0415515	REPLC.PNTD.CONCR. BLOCK EXT.WALL 1ST FL.
0415516	RFN.RPLC.PNTD.CONC.BRICK EXT.WALL 1ST FL
0415520	CONCRETE BRICK (PNTED) EXT. FIN. 2ND FL.
0415522	REPR.PNTD.CONCRETE BRICK EXT.WALL 2ND FL
0415523	RFN.RPRD.PNTD.CONC.BRICK EXT.WALL 2ND FL
0415524	REFIN.PNTD.CONCR. BRICK EXT.WALL 2ND FL.
0415525	REPLC.PNTD.CONCR. BRICK EXT.WALL 2ND FL.
0415526	RFN.RPLC.PNTD.CONC.BRICK EXT.WALL 2ND FL
0415530	CONCRETE BRICK (PNTED) EXT. FIN. 3RD FL.
0415532	REPR.PNTD.CONCRETE BRICK EXT.WALL 3RD+FL
0415533	RFN.RPRD.PNTD.CONC.BRICK EXT.WALL 3RD+FL
0415534	REFIN.PNTD.CONC.BRICK EXT.WALL 3RD+ FLS.
0415535	RPLC.PNTD.CONCR. BRICK EXT.WALL 3RD+FLS.
0415536	RFN.RPLC.PNTD.CONC.BRICK EXT.WALL 3RD+FL
0415600	STRUCTURAL CLAY TILE EXTERIOR FINISH
0415610	STRUCTURAL CLAY TILE EXT. FIN. 1ST FLOOR
0415612	REPAIR STRUCT.CLAY TILE EXT.WALL 1ST FL.
0415615	REPLACE STRUC.CLAY TILE EXT.WALL 1ST FL.
0415620	STRUCTURAL CLAY TILE EXT. FIN. 2ND FLOOR
0415622	REPAIR STRUCT.CLAY TILE EXT.WALL 2ND FL.
0415625	REPLACE STRUC.CLAY TILE EXT.WALL 2ND FL.
0415630	STRUCTURAL CLAY TILE EXT. FIN. 3RD FLOOR
0415632	REPAIR STRUC.CLAY TILE EXT.WALL 3RD+FLS.
0415635	REPLACE STRUC.CLAY TILE EXT.WALL 3RD+FL.
0415700	STRUCTURAL CLAY TILE (WP/P) EXT. FIN.
0415710	STRUCT. CLAY TILE (WP/P)EXT.FIN. 1ST FL.
0415712	REPR.PNTD.STRUCT.CLAY TILE EXT. 1ST FL.
0415713	RFN.RPR.PNT.STRUCT.CLAY TILE EXT.1ST FL.
0415714	REFIN. PNTD.STRUCT.CLAY TILE EXT.1ST FL.
0415715	REPLC.PNTD.STRUCT.CLAY TILE EXT. 1ST FL.
0415716	REFN.RPLC.PNT.STRUC.CLAY TILE EXT.1ST FL
0415720	STRUCT. CLAY TILE (WP/P)EXT.FIN. 2ND FL.
0415722	REPR.PNTD.STRUCT.CLAY TILE EXT. 2ND FL.
0415723	REFN.RPR.PNT.STRUC.CLAY TILE EXT.2ND FL.
0415724	REFIN.PNTD.STRUCT.CLAY TILE EXT.2ND FL.
0415725	REPLC.PNTD.STRUCT.CLAY TILE EXT.2ND FL.
0415726	REFN.RPLC.PNT.STRUC.CLAY TILE EXT.2ND FL
0415730	STRUCT. CLAY TILE (WP/P)EXT.FIN. 3RD FL.
0415732	REPR.PNTD.STRUC.CLAY TILE EXT.3RD+FLS.
0415733	REFN.RPR.PNT.STRUC.CLAY TILE EXT.3RD+FL.
0415734	REFIN.PNTD.STRUCT.CLAY TILE EXT.3RD+FLS.
0415735	REPLC.PNTD.STRUCT.CLAY TILE EXT.3RD+FLS.
0415736	REFN.RPLC.PNT.STRUC.CLAY TILE EXT.3RD+FL

CACES DESCRIPTION

0415800 CONCRETE BLOCK EXTERIOR FINISH
0415810 CONCRETE BLOCK EXTERIOR FIN. 1ST FLOOR
0415812 REPAIR CONCRETE BLOCK EXT.WALL 1ST FL.
0415815 REPLACE CONCRETE BLOCK EXT.WALL 1ST FL.
0415820 CONCRETE BLOCK EXTERIOR FIN. 2ND FLOOR
0415822 REPAIR CONCRETE BLOCK EXT.WALL 2ND FL.
0415825 REPLACE CONCRETE BLOCK EXT.WALL 2ND FL.
0415830 CONCRETE BLOCK EXTERIOR FIN. 3RD+ FLOOR
0415832 REPAIR CONCRETE BLOCK EXT.WALL 3RD+ FL.
0415835 REPLACE CONCRETE BLOCK EXT.WALL 3RD FL.
0415900 CONCRETE BLOCK (WP/P) EXT. FINISH
0415910 CONCRETE BLOCK (WP/P) EXT. FIN. 1ST FLR.
0415912 REPR.PNTD.CONCR. BLOCK EXT.WALL 1ST FL.
0415913 RFN.RPR.PNTD.CONCR.BLOCK EXT.WALL 1ST FL
0415914 REFIN.PNTD.CONCR.BLOCK EXT.WALL 1ST FL.
0415915 REPLC.PNTD.CONCR.BLOCK EXT.WALL 1ST FL.
0415916 RFN.RPLC.PNTD.CONC.BLOCK EXT.WALL 1ST FL
0415920 CONCRETE BLOCK (WP/P) EXT. FIN. 2ND FLR.
0415922 REPR.PNTD.CONCRETE BLOCK EXT.WALL 2ND FL
0415923 RFN.RPR.PNTD.CONC.BLOCK EXT.WALL 2ND FL.
0415924 REFIN.PNTD.CONCR. BLOCK EXT.WALL 2ND FL.
0415925 REPLC.PNTD.CUNCR. BLOCK EXT.WALL 2ND FL.
0415926 RFN.RPLC.PNT.CONC.BLOCK EXT.WALL 2ND FL.
0415930 CONCRETE BLOCK (WP/P) EXT. FIN. 3RD+ FL.
0415932 REPR.PNTD.CONCR.BLOCK EXT.WALL 3RD FL.
0415933 RFN.RPR.PNTD.CONC.BLOCK EXT.WALL 3RD+FL.
0415934 REFIN.PNTD.CONCR. BLOCK EXT.WALL 3RD+FL.
0415935 REPLC.PNTD.CONC.BLOCK.EXT.WALL 3RD+FL.
0415936 REFIN.RPLC.PNTD.CONC.BLOCK EXT.3RD+FL.
0415A00 CONCRETE EXTERIOR FINISH
0415A10 CONCRETE EXTERIOR FINISH 1ST FLOOR
0415A12 REPAIR CONCRETE EXT. WALL 1ST FLOOR
0415A13 REFIN.REPAIRED CONCRETE EXT.WALL 1ST FL.
0415A14 REFINISH CONCRETE EXT.WALL 1ST FLOOR
0415A15 REPLACE CONCRETE EXT.WALL 1ST FLOOR
0415A16 REFIN.REPLACED CONCRETE EXT.WALL 1ST FL.
0415A20 CONCRETE EXTERIOR FINISH 2ND FLOOR
0415A22 REPAIR CONCRETE EXT.WALL 2ND FLOOR
0415A23 REFIN.REPAIRED CONCRETE EXT.WALL 2ND FL.
0415A24 REFINISH CONCRETE EXT.WALL 2ND FLOOR
0415A25 REPLACE CONCRETE EXT. WALL - 2ND FLOOR
0415A26 REFIN.REPLACED CONCRETE EXT.WALL 2ND FL.
0415A30 CONCRETE EXTERIOR FINISH 3RD+ FLOOR
0415A32 REPAIR CONCRETE EXT. WALL 3RD+ FLOOR
0415A33 REFIN.REPAIRED CONCRETE EXT.WALL 3RD+FL.
0415A34 REFINISH CONCRETE EXT.WALL 3RD+ FLRS.
0415A35 REPLACE CONCRETE EXT. WALL 3RD+ FLOORS
0415A36 REFIN.REPLACED CONCRETE EXT.WALL 3RD+FL.
0415B00 STONE EXTERIOR FINISH
0415B10 STONE EXTERIOR FINISH 1ST FLOOR
0415B12 REPAIR STONE EXTERIOR WALL - 1ST FLOOR
0415B15 REPLACE STONE EXTERIOR WALL - 1ST FLOOR
0415B20 STONE EXTERIOR FINISH 2ND FLOOR
0415B22 REPAIR STONE EXTERIOR WALL - 2ND FLOOR
0415B25 REPLACE STONE EXTERIOR WALL - 2ND FLOOR

CACES DESCRIPTION

0415B30 STONE EXTERIOR FINISH 3RD+ FLOOR
0415B32 REPAIR STONE EXTERIOR WALL - 3RD+ FLOORS
0415B35 REPLACE STONE EXTERIOR WALL -3RD+ FLOORS
0415C00 STUCCO EXTERIOR FINISH
0415C10 STUCCO EXTERIOR FINISH 1ST FLOOR
0415C12 REPAIR STUCCO EXTERIOR WALL - 1ST FLOOR
0415C13 REFIN. REPAIRED STUCCO EXT.WALL 1ST FL.
0415C14 REFINISH STUCCO EXT. WALL 1ST FLOOR
0415C15 REPLACE STUCCO EXTERIOR WALL - 1ST FLOOR
0415C16 REFIN.REPLACED STUCCO EXT.WALL 1ST FLOOR
0415C20 STUCCO EXTERIOR FINISH 2ND FLOOR
0415C22 REPAIR STUCCO EXTERIOR WALL - 2ND FLOOR
0415C23 REFIN.REPAIRED STUCCO EXT.WALL 2ND FLOOR
0415C24 REFINISH STUCCO EXT. WALL 2ND FLOOR
0415C25 REPLACE STUCCO EXTERIOR WALL - 2ND FLOOR
0415C26 REFIN.REPLACED STUCCO EXT.WALL 2ND FLOOR
0415C30 STUCCO EXTERIOR FINISH 3RD+ FLOOR
0415C32 REPAIR STUCCO EXTERIOR WALL -3RD+ FLOORS
0415C33 REFIN.REPAIRED STUCCO EXT.WALL 3RD+ FLS.
0415C34 REFINISH STUCCO EXT.WALL 3RD + FLOORS
0415C35 REPLACE STUCCO EXTERIOR WALL 3RD+ FLOORS
0415C36 REFIN.REPLACED STUCCO EXT.WALL 3RD+ FLS.
0415D00 TERRACOTTA EXTERIOR FINISH
0415D10 TERRACOTTA EXTERIOR FINISH 1ST FLOOR
0415D12 REPAIR TERRACOTTA EXTERIOR WALL 1ST FLR.
0415D15 REPLACE TERRACOTTA EXTERIOR WALL 1ST FL.
0415D20 TERRACOTTA EXTERIOR FINISH 2ND FLOOR
0415D22 REPAIR TERRACOTTA EXTERIOR WALL 2ND FLR.
0415D25 REPLACE TERRACOTTA EXTERIOR WALL 2ND FL.
0415D30 TERRACOTTA EXTERIOR FINISH 3RD+ FLOOR
0415D32 REPAIR TERRACOTTA EXTERIOR WALL 3RD+ FL.
0415D35 REPLACE TERRACOTTA EXTERIOR WALL 3RD+FL.
0415E00 WOOD, FINISHED (SINGLE COAT) EXT. FIN.
0415E10 WOOD, FINISH(SINGLE COAT)EXT.FIN.1ST FL.
0415E12 REPR. WOOD FIN.(SINGLE.COAT) EXT.1ST FL
0415E13 REFIN.REPAIR WOOD FIN(SINGLE C:)1ST FL.
0415E14 REFINISH WOOD FIN. (SINGLE COAT) 1ST FL.
0415E15 REPLACE WOOD FIN(SINGLE.COAT)EXT.1ST FL.
0415E16 REFIN.REPLACED WOOD FIN(SGL.COAT)1ST FL.
0415E20 WOOD, FINISH(SINGLE COAT)EXT.FIN.2ND FL.
0415E22 REPAIR WOOD FIN.(SINGLE.COAT)EXT.2ND FL.
0415E23 REFIN.REPAIR.WOOD FIN.(SGL.COAT) 2ND FL.
0415E24 REFIN.WOOD FINISH(SINGLE COAT) 2ND FLR.
0415E25 REPLACE WOOD FIN(SINGLE COAT)EXT.2ND FL.
0415E26 REFIN.REPLACE WOOD FIN(SGL. COAT)2ND FL.
0415E30 WOOD, FINISH(SINGLE COAT)EXT.FIN.3RD FL.
0415E32 REPAIR WOOD FIN.(SINGLE COAT)EXT.3RD FL.
0415E33 REFIN.REPAIR WOOD FIN(SGL.COAT)3RD FLR.
0415E34 REFIN WOOD FIN(SINGLE COAT)EXT.3RD FL.
0415E35 REPLACE WOOD FIN(SINGLE COAT)EXT.3RD FL.
0415E36 REFIN.REPLACED WOOD FIN(SGL.COAT)3RD FL.
0415F00 WOOD, FINISHED (MULTI-COAT) EXT. FIN.
0415F10 WOOD, FINISH(MULTI-COAT)EXT.FIN. 1ST FL.
0415F12 REPR. WOOD FIN.(MULT.COAT) EXT. 1ST FLR.
0415F13 REFIN. REPR.WOOD FIN.(MULT.COAT)1ST FL.

CACES	DESCRIPTION
0415F14	REFN. WOOD FIN.(MULT.COAT) EXT. 1ST FLR.
0415F15	RPLC. WOOD FIN.(MULT.COAT) EXT. 1ST FLR.
0415F16	REFN. RPLCD. WOOD FIN.(MULT.COAT)1ST FL.
0415F20	WOOD, FINISH(MULTI-COAT)EXT.FIN. 2ND FL.
0415F22	REPR. WOOD FIN.(MULT.COAT) EXT. 2ND FLR.
0415F23	REFN. REPRD.WOOD FIN.(MULT.COAT)2ND FLR.
0415F24	REFN. WOOD FIN.(MULT.COAT)EXT. 2ND FLR.
0415F25	RPLC. WOOD FIN.(MULT.COAT) EXT. 2ND FLR.
0415F26	REFN. RPLCD.WOOD FIN.(MULT.COAT)2ND FLR.
0415F30	WOOD, FINISH(MULTI-COAT)EXT.FIN. 3RD FL.
0415F32	REPR. WOOD FIN.(MULT.COAT) EXT. 3RD FLR.
0415F33	REFN. RPRD.WOOD FIN.(MULT.COAT)3RD FL.
0415F34	REFN. WOOD FIN.(MULT.COAT)EXT.3RD FLR.
0415F35	RPLC. WOOD FIN.(MULT.COAT)EXT.3RD FLR.
0415F36	REFN. RPLCD.WOOD FIN.(MULT.COAT)3RD FLR.
0415G00	WOOD SHAKES (UNFINISHED) EXT. FINISH
0415G10	WOOD SHAKES (UNFINISH)EXT.FIN. 1ST FLOOR
0415G12	REPR. WOOD SHAKES EXT. 1ST FLR.
0415G15	REPLC. WOOD SHAKES EXT. 1ST FL.
0415G20	WOOD SHAKES (UNFINISH)EXT.FIN. 2ND FLOOR
0415G22	REPAIR WOOD SHAKES EXT. 2ND FL.
0415G25	REPLC. WOOD SHAKES EXT. 2ND FL.
0415G30	WOOD SHAKES (UNFINISH)EXT.FIN. 3RD+ FLR.
0415G32	REPAIR WOOD SHAKES EXT. 3RD+ FL.
0415G35	REPLC. WOOD SHAKES EXT. 3RD+ FL
0415H00	WOOD SHAKES (FINISHED) EXT. FINISH
0415H10	WOOD SHAKES (FINISH)EXT.FIN. 1ST FLOOR
0415H12	REPAIR WOOD SHAKES(FIN)EXT.1ST FL.
0415H13	REFN. REPRD.WOOD SHAKE(FINISH)1ST FLR.
0415H14	REFN. WOOD SHAKE(FINISH)EXT.1ST FL.
0415H15	RPLC. WOOD SHAKE(FINISH)EXT.1ST FL.
0415H16	REFN. RPLCD.WOOD SHAKE(FINISH)1ST FL.
0415H20	WOOD SHAKES (FINISH)EXT.FIN. 2ND FLOOR
0415H22	REPAIR WOOD SHAKE(FINISH)EXT.2ND FL.
0415H23	REFN. RPRD.WOOD SHAKE(FINISH)EXT.2ND FL.
0415H24	REFN. WOOD SHAKE(FINISH)EXT.2ND FL.
0415H25	RPLC. WOOD SHAKE(FINISH)EXT.2ND FL
0415H26	REFN. RPLCD.WOOD SHAKE(FINISH)2ND FL.
0415H30	WOOD SHAKES (FINISH)EXT.FIN. 3RD+ FLOOR
0415H32	REPR. WOOD SHAKE(FINISH)EXT.3RD FL.
0415H33	REFN. RPRD.WOOD SHAKE(FINISH)3RD FLR.
0415H34	REFN. WOOD SHAKE(FINISH)EXT.3RD FLR.
0415H35	REPLC. WOOD SHAKE(FINISH)EXT.3RD FLR.
0415H36	REFN.REPLCD.WOOD SHAKE(FINISH)3RD FLR.
0415I00	ALUMINUM SIDING EXTERIOR FINISH
0415I10	ALUMINUM SIDING EXTERIOR FIN. 1ST FLOOR
0415I12	REPAIR ALUMINUM SIDING EXT.1ST FL.
0415I13	REFIN.REPRD.ALUMINUM SIDING EXT.1ST FL.
0415I14	REFINISH ALUMINUM SIDING EXT.FIN.1ST FL.
0415I15	REPLACE ALUMINUM SIDING EXT.1ST FL
0415I16	REFIN.REPLCD.ALUMINUM SIDING EXT.1ST FL.
0415I20	ALUMINUM SIDING EXTERIOR FIN. 2ND FLOOR
0415I22	REPAIR ALUMINUM SIDING EXT.2ND FL.
0415I23	REFIN.REPRD.ALUMINUM SIDING EXT. 2ND FL.
0415I24	REFINISH ALUMINUM SIDING EXT.FIN.2ND FL.

CACES	DESCRIPTION
0415I25	REPLACE ALUMINUM SIDING EXT.2ND FL
0415I26	REFIN.REPLCD.ALUMINUM SIDING EXT.2ND FL.
0415I30	ALUMINUM SIDING EXTERIOR FIN. 3RD+ FLOOR
0415I32	REPAIR ALUMINUM SIDING EXT.3RD FL.
0415I33	REFIN.REPRD.ALUMINUM SIDING EXT.3RD FL.
0415I34	REFINISH ALUMINUM SIDING EXT.FIN.3RD.FL.
0415I35	REPLACE ALUMINUM SIDING EXT.3RD FL
0415I36	REFIN.REPLCD.ALUMINUM SIDING EXT.3RD FL.
0415J00	ALUMINUM SIDING (ANODIZED) FINISH
0415J10	ALUMINUM SIDING (ANODZD) FIN. 1ST FLOOR
0415J12	REPAIR ALUMINUM SIDING(ANDZ)EXT.1ST FL.
0415J15	REPLACE ALUMINUM SIDING(ANDZ)EXT.1ST FL.
0415J20	ALUMINUM SIDING (ANODZD) FIN. 2ND FLOOR
0415J22	REPAIR ALUMINUM SIDING(ANDZ)EXT.2ND FL.
0415J25	REPLACE ALUMINUM SIDING(ANDZ)EXT.2ND FL.
0415J30	ALUMINUM SIDING (ANODZD) FIN. 3RD+ FLOOR
0415J32	REPAIR ALUMINUM SIDING(ANDZ)EXT.3RD FL.
0415J35	REPLACE ALUMINUM SIDING(ANDZ)EXT.3RD FL.
0415K00	STEEL (SELF-COATING) EXTERIOR FINISH
0415K10	STEEL (SELF-CAT) EXT. FIN. 1ST FLOOR
0415K12	REPAIR STEEL(SELF-COATING)EXT.1ST FL.
0415K15	REPLACE STEEL(SELF-COATING)EXT.1ST FL.
0415K20	STEEL (SELF-COAT) EXT. FIN. 2ND FLOOR
0415K22	REPAIR STEEL(SELF-COATING)EXT.2ND FL.
0415K25	REPLACE STEEL(SELF-COATING)EXT.2ND FL.
0415K30	STEEL (SELF-COAT) EXT. FIN. 3RD+ FLOOR
0415K32	REPAIR STEEL(SELF-COATING)EXT.3RD FL.
0415K35	REPLACE STEEL(SELF-COATING)EXT.3RD FL.
0415L00	STEEL (PAINTED) EXTERIOR FINISH
0415L10	STEEL (PAINT) EXTERIOR FIN. 1ST FLOOR
0415L12	REPAIR STEEL(PAINTED)EXT. 1ST FL.
0415L13	REFIN.REPAIR.STEEL(PNTD)EXT.1ST FL.
0415L14	REFIN. STEEL(PAINTED)EXT. 1ST FL.
0415L15	REPLACE STEEL(PAINTED)EXT. 1ST FL.
0415L16	REFIN.REPLACED STEEL(PNTD)EXT.1ST FL.
0415L20	STEEL (PAINT) EXTERIOR FIN. 2ND FLOOR
0415L22	REPAIR STEEL(PAINTED)EXT.2ND FL.
0415L23	REFIN.REPAIR.STEEL(PAINTD)EXT.2ND FL.
0415L24	REFIN. STEEL (PNTD) EXT. FIN. 2ND FLR.
0415L25	REPLACE STEEL(PAINTED)EXT.2ND FL.
0415L26	REFIN.REPLACE.STEEL(PAINTD)EXT.2ND FL.
0415L30	STEEL (PAINT) EXTERIOR FIN. 3RD+ FLOOR
0415L32	REPAIR STEEL(PAINTED)EXT. 3RD FL.
0415L33	REFIN.REPAIR STEEL(PAINTD)EXT.3RD FL.
0415L34	REFIN. STEEL(PAINTED)EXT. 3RD FL.
0415L35	REPLACE STEEL(PAINTED)EXT.3RD FL.
0415L36	REFIN.REPLACE.STEEL(PAINTD)EXT.3RD FL.
0415M00	GLASS BLOCK EXTERIOR FINISH
0415M10	GLASS BLOCK EXTERIOR FINISH 1ST FLOOR
0415M12	REPAIR GLASS BLOCK EXT.1ST FL
0415M15	REPLACE GLASS BLOCK EXT.1ST FL
0415M20	GLASS BLOCK EXTERIOR FINISH 2ND FLOOR
0415M22	REPAIR GLASS BLOCK EXT. 2ND FL
0415M25	REPLACE GLASS BLOCK EXT.2ND FL
0415M30	GLASS BLOCK EXTERIOR FINISH 3RD+ FLOOR

CACES	DESCRIPTION
0415M32	REPAIR GLASS BLOCK EXT. 3RD FL
0415M35	REPLACE GLASS BLOCK EXT.3RD FL
0415N00	PLATE GLASS EXTERIOR FINISH
0415N10	PLATE GLASS EXTERIOR FINISH 1ST FLOOR
0415N12	REPAIR PLATE GLASS EXT.1ST FL
0415N15	REPLACE PLATE GLASS EXT.1ST FL
0415N20	PLATE GLASS EXTERIOR FINISH 2ND FLOOR
0415N22	REPAIR PLATE GLASS EXT. 2ND FL
0415N25	REPLACE PLATE GLASS EXT.2ND FL
0415N30	PLATE GLASS EXTERIOR FINISH 3RD+ FLOOR
0415N32	REPAIR PLATE GLASS EXT.3RD+ FL
0415N35	REPLACE PLATE GLASS EXT.3RD+FL
0415O00	FORMICA, MYLAR, POLYESTER, VINYL
0415O10	FORMICA - VINYL EXTERIOR FIN. 1ST FLOOR
0415O12	REPAIR FORMICA-VINYL EXT.1ST FL
0415O15	REPLACE FORMICA-VINYL EXT.1ST FL
0415O20	FORMICA - VINYL EXTERIOR FIN. 2ND FLOOR
0415O22	REPAIR FORMICA-VINYL EXT.2ND FL
0415O25	REPLACE FORMICA-VINYL EXT.2ND FL
0415O30	FORMICA - VINYL EXTERIOR FIN. 3RD+ FLOOR
0415O32	REPAIR FORMICA-VINYL EXT.3RD+ FL
0415O35	REPLACE FORMICA-VINYL EXT.3RD+FL
0415P00	ASBESTOS EXTERIOR FINISH
0415P10	ASBESTOS EXTERIOR FINISH 1ST FLOOR
0415P12	REPAIR ASBESTOS EXT. WALL 1ST FL.
0415P15	REPLACE ASBESTOS EXT.WALL 1ST FL.
0415P20	ASBESTOS EXTERIOR FINISH 2ND FLOOR
0415P22	REPAIR ASBESTOS EXT.WALL 2ND FL.
0415P25	REPLACE ASBESTOS EXT.WALL 2ND FL.
0415P30	ASBESTOS EXTERIOR FINISH 3RD+ FLOOR
0415P32	REPAIR ASBESTOS EXT.WALL 3RD FLR.
0415P35	REPLACE ASBESTOS EXT.WALL 3RD+FL.
0415R00	SYNTHETIC VENEER-PLASTER EXT. FINISH
0415R10	SYNTHETIC VENEER-PLASTER EXT.FIN.1ST FL.
0415R12	REPAIR SYNTH.VENEER EXT. 1ST FLR.
0415R13	REFIN.REPAIRED SYNTH.VENEER 1ST FL.
0415R14	REFINISH SYNTH.VENEER EXT.1ST FL.
0415R15	REPLACE SYNTH.VENEER EXT.1ST FL.
0415R16	REFIN.REPLACED SYNTH.VENEER 1ST FL.
0415R20	SYNTHETIC VENEER-PLASTER EXT.FIN.2ND FL.
0415R22	REPAIR SYNTH.VENEER EXT.2ND FL.
0415R23	REFIN.REPLACED SYNTH.VENEER EXT. 2ND FL.
0415R24	REFINISH SYNTH.VENEER EXT.2ND FL.
0415R25	REPLACE SYNTH.VENEER EXT.2ND FL.
0415R26	REFIN REPLACED SYNTH.VENEER EXT. 2ND FL.
0415R30	SYNTHETIC VENEER-PLASTER EXT.FIN.3RD FL.
0415R32	REPAIR SYNTH.VENEER EXT.3RD FL.
0415R33	REFIN.REPAIRED SYNTH.VENEER 3RD FL.
0415R34	REFIN. SYNTH.VENEER EXT.3RD FL.
0415R35	REPLACE SYNTH.VENEER EXT.3RD FL.
0415R36	REFIN. REPLACED SYNTH.VENEER EXT.3RD FL.
0415S00	PORCELAIN PANELS EXTERIOR FINISH
0415S10	PORCELAIN PANELS EXTERIOR FIN. 1ST FLOOR
0415S12	REPAIR PORCELAIN EXT. PANELS 1ST FL.
0415S15	REPLACE PORCELAIN EXT.PANELS 1ST FL.

CACES	DESCRIPTION
0415S20	PORCELAIN PANELS EXTERIOR FIN. 2ND FLOOR
0415S22	REPAIR PORCELAIN EXT.PANELS 2ND FL.
0415S25	REPLACE PORCELAIN EXT. PANELS 2ND FL.
0415S30	PORCELAIN PANELS EXTERIOR FIN. 3RD+ FLR.
0415S32	REPAIR PORCELAIN EXT. PANELS 3RD FL.
0415S35	REPLACE PORCELAIN EXT. PANELS 3RD FL.
0415T00	ALUMINUM CORRUGATED PANELS EXTERIOR FIN.
0415T10	ALUMINUM CORRUGATD.PANELS EXT.FIN.1ST FLR.
0415T12	REPAIR ALUMINUM CORR PANELS-FIRST FLOOR
0415T15	REPLACE ALUM CORR PANELS - FIRST FLOOR
0415T20	ALUMINUM CORGATD PANEL EXT.FIN. 2ND FLR.
0415T22	REPAIR ALUM CORR PANEL - 2ND FLOOR
0415T25	REPLACE ALUM CORR PANEL - 2ND FLOOR
0415T30	ALUMINUM CORGATD PANEL EXT.FIN. 3RD+ FL.
0415T32	REPAIR ALUMINUM CORR PANELS - 3RD FLOOR
0415T35	REPLACE ALUM CORR PANELS - 3RD FLOOR
0415U00	EXTERIOR GYPSUM BOARD - PAINTED
0415U10	EXTERIOR GYPSUM BOARD - PAINTED 1ST FLR.
0415U12	REPAIR EXTERIOR GYP BRD - PAINTED 1ST FL
0415U13	REFIN REPAIRED EXT GYP BRD-PAINT 1ST FL
0415U14	REFIN EXT GYP BRD - PAINTED 1ST FLOOR
0415U15	REPLACE EXT GYP BRD - PAINTED 1ST FLOOR
0415U16	REFIN REPL EXT GYP BRD - PAINTED 1ST FLR
0415U20	EXTERIOR GYPSUM BOARD - PAINTED 2ND FLR.
0415U22	REPAIR EXT GYP BRD - PAINTED 2ND FLOOR
0415U23	REFIN REPARED EXT GYP BRD-PAINTED 2ND FL
0415U24	REFIN EXT GYP BRD - PAINTED 2ND FLOOR
0415U25	REPLACE EXT GYP BRD - PAINTED 2ND FLOOR
0415U26	REFIN REPL EXT GYP BRD - PAINTED 2ND FLR
0415U30	EXTERIOR GYPSUM BOARD - PAINTED 3RD FLR.
0415U32	REPAIR EXT GYP BRD - PAINTED 3RD FLOOR
0415U33	REFIN REPAIRD EXT GYP BRD-PAINTED 3RD FL
0415U34	REFINISH EXTER. GYPSUM BRD. PNTD 3RD FL.
0415U35	REPL EXT GYP BRD - PAINTED 3RD FLOOR
0415U36	REFIN REPL EXT GYP BRD - PAINTED 3RD FL
0415V00	EXTERIOR GYPSUM BOARD-COVERED
0415V10	EXTERIOR GYPSUM BOARD COVERED 1ST FLOOR
0415V12	REPAIR EXT GYP BRD - COVERED 1ST FLOOR
0415V13	REFIN REPAIRED EXT GYP BRD-COVERD 1ST FL
0415V14	REFINISH EXT GYP BRD - COVERED 1ST FLOOR
0415V15	REPLACE EXT GYP BRD - COVERED 1ST FLOOR
0415V16	REFIN REPLACE EXT GYP BRD-COVERED 1ST FL
0415V20	EXTERIOR GYPSUM BOARD-COVERED 2ND FLOOR
0415V22	REPAIR EXT GYP BRD - COVERED 2ND FLOOR
0415V23	REFIN REPAIR EXT GYP BRD-COVERED 2ND FLR
0415V24	REFINISH EXT GYP BRD - COVERED 2ND FLOOR
0415V25	REPLACE EXT GYP BRD - COVERED 2ND FLOOR
0415V26	REFIN REPLACED EXT GYP BRD-COVERD 2ND FL
0415V30	EXTERIOR GYPSUM BOARD-COVERED 3RD FLOOR
0415V32	REPAIR EXT GYP BOARD - COVERED 3RD FLOOR
0415V33	REFIN REPAIRED EXT GYP BRD-COVER 3RD FL
0415V34	REFINESH EXT GYP BRD - COVERED 3RD FLOOR
0415V35	REPLACE EXT GYP BRD - COVERED 3RD FLOOR
0415V36	REFIN REPLACED EXT GYP BRD-COVERD 3RD FL
0415W00	MASONITE PANELS - SEALED

CACES DESCRIPTION

0415W10 MASONITE PANELS - SEALED 1ST FLOOR
0415W12 REPAIR MASONITE PANELS - SEALED 1ST FLR
0415W15 REPLACE MASONITE PANELS - SEALED 1ST FL
0415W20 MASONITE PANELS - SEALED 2ND FLOOR
0415W22 REPAIR MASONITE PANELS - SEALED 2ND FLR
0415W25 REPLACE MASONITE PANELS - SEALED 2ND FLR
0415W30 MASONITE PANELS - SEALED 3RD FLOOR
0415W32 REPAIR MASONITE PANELS - SEALED 3RD FLR
0415W35 REPLACE MASONITE PANELS - SEALED 3RD FLR
0415X00 FIBERGLASS PANELS EXTERIOR FINISH
0415X10 FIBERGLASS PANELS EXT. FIN. 1ST FLOOR
0415X12 REPAIR FIBERGLAS PANELS - 1ST FLOOR
0415X13 REFIN REPAIRED FIBRGLAS PNLS RIG 1ST FLR
0415X14 REFIN FIBRGLAS PANELS - RIGID 1ST FLOOR
0415X15 REPLACE FIBERGLAS PANELS 1ST FLOOR
0415X16 REFIN REPLACED FIBRGLAS PNLS RIG 1ST FLR
0415X20 FIBERGLASS PANELS EXT. FIN. 2ND FLOOR
0415X22 REPAIR FIBRGLAS PANELS RIGID 2ND FLOOR
0415X23 REFIN REPRD.FIBRGLAS PANEL RGD 2ND FLR.
0415X24 REFINISH FIBRGLAS PANELS RIGID 2ND FLOOR
0415X25 REPLACE FIBRGLAS PANELS RIGID 2ND FLOOR
0415X26 REFIN REPLACED FIBRGLAS PNLS RIG 2ND FLR
0415X30 FIBERGLASS PANEL RGD. EXT. FIN. 3RD FL.
0415X32 REPAIR FIBRGLAS PANEL RIGID 3RD FLOOR
0415X33 REFIN REPAIRED FIBRGLAS PNLS RIG 3RD FLR
0415X34 REFINISH FIBRGLAS PANELS RIGID 3RD FLOOR
0415X35 REPLACE FIBRGLAS PANELS RIG 3RD FLOOR
0415X36 REFIN REPLACED FIBRGLAS PNLS RIG 3RD FLR

0420000 EXTERIOR DOORS
0421000 METAL DOORS
0421100 ALUMINUM (PLAIN $ ANODIZED)
0421110 ALUMINUM (PLAIN & ANODIZED) EXT. DOOR
0421112 REPAIR ALUMINIUM (P/A) EXTERIOR DOOR
0421115 REPLACE ALUMINIUM (P/A) EXTERIOR DOOR
0421120 ALUMINUM (P&L) FRAME & DOOR
0421121 REPL BRK GLAS-ALUM(SAFTY GLS) PLN&EXT DR
0421122 REPAIR ALUM (SFTY GLS) PL&EXT DOOR
0421125 REPLACE ALUM (SAFTY GLAS) PL & EXT DOOR
0421130 ALUMINUM SLIDING EXT PL & AL DOOR
0421131 REPLACE BRK GLAS ALUM SLIDING EXT DOOR
0421132 REPAIR ALUM SLIDING EXT DOOR
0421135 REPLACE ALUM SLIDING EXT DOOR
0421140 ALUMINUM (WOOD CORE) EXT DOOR
0421141 REPLACE BRKN GLAS ALUM (WD CORE) EXT DR
0421142 REPAIR ALUM (WOOD CORE) EXT DOOR
0421145 REPLACE ALUM (WOOD CORE) EXT DOOR
0421150 ALUM (INSULATED) P&A EXT DOOR
0421151 REPLACE ALUM (INSUL) P&A EXT DOOR
0421152 REPAIR ALUM (INSUL) P&A EXT DOOR
0421155 REPLACE ALUM (INSUL) P&A EXT DOOR
0421200 STEEL (PAINTED) METAL EXTERIOR DOORS
0421210 STEEL (PAINTED) METAL EXTERIOR DOOR
0421212 REPAIR STEEL (PAINTED) EXTERIOR DOORS
0421214 REFINISH STEEL (PAINTED) EXTERIOR DOOR
0421215 REPLACE STEEL (PAINTED) EXTERIOR DOOR

CACES DESCRIPTION

0421216 REFIN. REPLACED STEEL (PAINT) EXT. DOOR
0421220 STEEL (W/SAFTY GLAS) PAINTED EXT. DOOR
0421221 REPL BRK GLAS-STEEL(SAFTY GLAS)PAINT EXT
0421222 REPAIR STEEL (SAFTY GLAS)PAINTED EXT
0421224 REFIN STEEL(SAFTY GLAS) PAINTED EXT DR
0421225 REPLACE STEEL(SAFTY GLAS) PAINT EXT DR
0421226 REFIN REPLACED STL(SAFTY GLAS) PAINT EXT
0421230 STEEL SLIDING PAINTED EXT DOOR
0421232 REPAIR STEEL SLIDING PAINTED EXT DOOR
0421234 REFIN STEEL SLIDING PAINTED EXT DOOR
0421235 REPLACE STEEL SLIDING PAINTED EXT DOOR
0421236 REFIN REPLACED STEEL SLIDING PAINT EXT
0421240 STEEL(INSUL CORE) PAINTED EXT DOOR
0421241 REPL BRK GLAS-STL(INSUL CORE)PAINT EXT
0421242 REPAIR STEEL (INSUL CORE) PAINTED EXT DR
0421244 REFIN STEEL (INSUL CORE) PAINTED EXT DR
0421245 REPLACE STEEL(INSUL CORE) PAINTED EXT DR
0421246 REFIN REPLACED STL(INSUL CORE) PAINT EXT
0421300 STEEL (UNPAINTED) METAL EXTERIOR DOORS
0421310 STEEL (UNPAINTED) METAL EXTERIOR DOOR
0421312 REPAIR STEEL (UNPAINTED) EXTERIOR DOORS
0421315 REPLACE STEEL (UNPAINTED) EXTERIOR DOORS
0421320 STEEL(SAFTY GLAS) UNPNT EXT DOOR
0421321 REPL BRK GLAS STEEL(SAFTY GLAS)UNPNT EXT
0421322 REPAIR STEEL(SAFTY GLAS) UNPNT EXT DR
0421325 REPLACE STEEL(SAFTY GLAS) UNPNT EXT DOOR
0421330 STEEL SLIDING UNPAINTED EXT DOOR
0421332 REPAIR STEEL SLIDING PAINTED EXT DOOR
0421335 REPLACE STEEL SLIDING UNPNT EXT DOOR
0421340 STEEL (INSUL CORE) UNPNT EXT DOOR
0421341 REPL BRK GLAS STEEL(INSUL CORE)UNPNT EXT
0421342 REPAIR STEEL(INSUL CORE) UNPNTED EXT DR
0421345 REPLACE STEEL(INSUL CORE) UNPNT EXT DR
0422000 FULLY GLAZED DOORS
0422100 ALUMINUM FRAME FULLY GLAZED EXTER. DOOR
0422110 ALUMINUM FRAME FULL GLZD EXT.DOOR
0422111 BROKEN GLASS:REPLACEMENT ALUMINUM EXT.DR
0422112 REPAIR ALUMINIUM EXTERIOR DOORS
0422115 REPLACE ALUMINIUM EXTERIOR DOORS
0422120 ALUMINUM FRAME FULL GLZD SLDING EXT.DOOR
0422121 REPL BRK GLAS-FUL GLAZ ALUM FRAME SLIDE
0422122 REPAIR-FUL GLAZED ALUM FRAME SLIDING EXT
0422125 REPLACE-FUL GLAZD ALUM FRAME SLIDING EXT
0422200 WOOD FRAME (PAINTED) FULLY GLZD EXT.DOOR
0422210 WOOD FRAME (PAINT) FULL GLZD.EXT DOOR
0422211 BROKEN GLASS:REPL.WOOD FRAME(PNTD)EXT.DR
0422212 REPAIR WOOD FRAME EXTERIOR DOORS
0422214 REFINISH WOOD FRAME (PAINTED) EXT. DOOR
0422215 REPLACE WOOD FRAME (PAINTED) EXT. DOOR
0422216 REFIN. REPLACED WOOD FRAME(PNTD)EXT.DOOR
0422220 WOOD FRAME (PNTD) FULL GLZD SLDING DOOR
0422221 REPL BRK GLAS-FUL GLAZD WD FRAME SLIDING
0422222 REPAIR-FUL GLAZ WD FRAME SLIDING EXT DR
0422224 REFIN-FUL GLAZED WD FRAME SLIDING EXT DR
0422225 REPLACE-FUL GLZED WD FAME SLIDING EXT DR

CACES DESCRIPTION

0422226 REFIN REPLACED-FUL GLZED WD SLIDING EXT
0423000 WOOD DOORS
0423100 HOLLOW CORE (PAINTED) WOOD EXTERIOR DOOR
0423110 HOLLOW CORE (PAINTED) WOOD EXTERIOR DOOR
0423112 REPAIR HOLLOWCORE (PAINTED) EXT.DOOR
0423114 REFINISH HOLLOWCORE (PNTD)EXTERIOR DOORS
0423115 REPLACE HOLLOW CORE (PAINTED) EXT. DOOR
0423116 REFIN.REPLACED HOLLOW CORE (PNTD)EXT. DR
0423120 HOLLOW CORE SLIDING WOOD EXT. DOOR
0423122 REPAIR HOLLOW CORE SLIDING WOOD EXT DOOR
0423124 REFINISH HOLLOW CORE SLIDING WOOD EXT DR
0423125 REPLACE HOLLOW CORE SLIDING WOOD EXT DR
0423126 REFIN REPLACED HOLLOW CORE SLIDING WD DR
0423200 SOLID CORE (PAINTED) WOOD EXTERIOR DOOR
0423210 SOLID CORE (PAINTED) WOOD EXTERIOR DOOR
0423212 REPAIR SOLID CORE (PAINTED) EXT.DOOR
0423214 REFINISH SOLID CORE (PAINTED) EXT. DOOR
0423215 REPLACE SOLID CORE (PAINTED) EXT. DOOR
0423216 REFIN. REPLACED SOLID CORE (PNTD)EXT.DR.
0423220 SOLID CORE SLIDING WOOD EXT. DOOR
0423222 REPAIR SOLID CORE SLIDING WOOD EXT DR
0423224 REFIN SOLID CORE SLIDING WOOD EXT DR
0423225 REPLACE SOLID CORE SLIDING WOOD EXT DR
0423226 REFIN REPLACED SOLID CORE SLIDING WD EXT
0423230 SOLID CORE(SAFTY GLAS) PAINTED EXT. DOOR
0423231 REPL BRK GLAS SOLID CORE(SAFTY GLAS)PNT
0423232 REPAIR SOLID CORE(SAFTY GLAS) PNT EXT DR
0423234 REFIN SOLID CORE(SAFTY GLAS) PNT EXT DR
0423235 REPLACE SOLID CORE(SAFTY GLAS)PNTD EXT
0423236 REFIN REPL SOLID CORE(SFTY GLAS)PNT EXT
0424000 SPECIAL DOORS
0424100 METAL GRATED EXTERIOR DOOR
0424110 METAL GRATED PAINTED EXT DOOR
0424112 REPAIR METAL GRATED PAINTED EXT DOOR
0424114 REFINISH METAL GRATED PAINTED EXT DOOR
0424115 REPLACE METAL GRATED PAINTED EXT DOOR
0424116 REFIN REPLACED METAL GRATED PNTD EXT DR
0424120 METAL GRATED UNPAINTED EXT DOOR
0424122 REPAIR METAL GRATED UNPAINTED EXT DOOR
0424125 REPAIR METAL GRATED UNPAINTED EXT DOOR
0424200 METAL MESH EXTERIOR DOOR
0424210 METAL WIRE MESH PAINTED EXT DOOR
0424212 REPAIR METAL WIRE MESH PAINED EXT DOOR
0424214 REFINSH METAL WIRE MESH PAINTED EXT DOOR
0424215 REPLACE METAL WIRE MESH PAINTED EXT DOOR
0424216 REFIN REPLACED METAL WIRE MESH PNT EXT
0424220 METAL WIRE MESH UNPAINTED EXT DOOR
0424222 REPAIR METAL WIRE MESH UNPAINT EXT DOOR
0424225 REPLACE METAL WIRE MESH UNPAINT EXT DOOR
0424300 LOUVERED EXTERIOR DOORS
0424310 ALUMINUM LOUVERED EXT DOORS
0424312 REPAIR ALUM LOUVERED EXT DOOR
0424313 REFIN REPAIRED ALUM LOUVERED EXT DOOR
0424314 REFINISH ALUM LOUVERED EXT DOOR
0424315 REPLACE ALUM LOUVERED EXT DOOR

CACES DESCRIPTION

0424316 REFIN REPLACED ALUM LOUVERED EXT DOOR
0424320 STEEL LOUVERED EXTERIOR DOORS
0424322 REPAIR STEEL LOUVERED EXT DOOR
0424323 REFIN REPAIRED STEEL LOUVERED EXT DOORS
0424324 REFINISH STEEL LOUVERED EXT DOOR
0424325 REPLACE STEEL LOUVERED EXT DOOR
0424326 REFIN REPLACED STEEL LOUVERED EXT DOOR
0424330 WOOD LOUVERED EXTERIOR DOORS
0424332 REPAIR WOOD LOUVERED EXT DOOR
0424333 REFIN REPLACED WOOD LOUVERED EXT DOOR
0424334 REFINISH WOOD LOUVERED EXT DOOR
0424335 REPLACE WOOD LOUVERED EXT DOOR
0424336 REFIN REPLACED WOOD LOUVERED EXT DOOR
0425000 EXTERIOR GATES
0425100 ALUMINUM EXTERIOR GATE
0425102 REPAIR ALUM EXT GATE (WALK & DRIVEWAY)
0425103 REFINISH REPAIRED ALUM EXT GATE
0425104 REFINISH ALUM EXT GATE
0425105 REPLACE ALUM EXT GATE (WALK & DRIVEWAY)
0425106 REFINSH REPLACED ALUM EXT GATE
0425200 STEEL EXTERIOR GATE
0425202 REPAIR STEEL EXT GATE (WALK & DRIVEWAY)
0425203 REFIN REPAIRED STEEL EXT GATE (WALK&DRV)
0425204 REFINISH STEEL EXT GATE
0425205 REPLACE STEEL EXT GATE (WALK & DRIVEWAY)
0425206 REFIN REPLACED STL EXT GATE (WALK&DRIVE)
0425300 WOOD EXTERIOR GATE
0425302 REPAIR WOOD EXT GATE (WALK & DRIVE)
0425303 REFINISH REPAIRED WOODEN EXT GATE
0425304 REFINISH WOOD EXT GATE
0425305 REPLACE WOOD EXT GATE (WALK & DRIVEWAY)
0425306 REFIN REPLACED WOOD EXT GATE
0425400 WROUGHT IRON EXTERIOR GATE
0425402 REPAIR WROUGHT IRON EXT GATE
0425403 REFIN REPAIRED EXT GATE (WALK & DRIVE)
0425404 REFINISH WROUGHT IRON EXT GATE
0425405 REPL WROUGHT IRON EXT GATE (WALK&DRIVE)
0425406 REFIN REPLACED WRGHT IRON EXT GATE (W&D)
0426000 SCREEN/STORM
0426100 ALUMINUM (PLAIN & ANODIZED)
0426110 ALUMINUM (PLN & ANODZD) SCREEN/STORM DR.
0426112 REPAIR ALUMINIUM (P/A) EXTERIOR DOORS
0426115 REPLACE ALUMINIUM (P/A) EXTERIOR DOORS
0426200 PLASTIC SCREEN/STORM EXT. DOOR
0426210 PLASTIC SCREEN/STORM EXT. DOOR
0426212 REPAIR PLASTIC EXTERIOR DOORS
0426215 REPLACE PLASTIC EXTERIOR DOORS
0427000 GARAGE AND ROLL-UP DOORS
0427100 STEEL SINGLE ROLL-UP DOOR
0427102 REPR.STEEL FRM.SINGLE(PNTD) DR
0427104 REFINISH STEEL FRAME (PAINTED) EXT. DOOR
0427105 REPLACE STEEL FRAME SINGLE (PNTD)EXT.DR.
0427106 REFIN.REPLC.STEEL FRM.SINGLE(PNTD)EXT.DR
0427200 STEEL DOUBLE ROLL-UP DOOR
0427202 REPR.STEEL FRM.DBL.(PNT)EXT.DR

CACES DESCRIPTION

0427204 REPLC.STEEL FRM.DBL.(PND)EXT.DR
0427205 REPLC.STEEL FRM.DBL(PND)EXT.DR
0427206 RPLC.FIN.ST.FRM.DBL(PND)EXT.DR
0427300 ALUMINUM SINGLE ROLL-UP DOOR
0427302 REPAIR ALUM SINGLE ROLL-UP EXT DOOR
0427304 REFINISH ALUM SINGLE ROLL-UP EXT DOOR
0427305 REPLACE ALUM SINGLE ROLL-UP EXT DOOR
0427306 REFIN REPLACED ALUM SINGLE ROLL-UP DOOR
0427400 ALUMINUM DOUBLE ROLL-UP EXT DOOR
0427402 REPAIR ALUM DOUBLE ROLL-UP EXT DOOR
0427404 REFINISH ALUM DOUBLE ROLL-UP EXT DOOR
0427405 REPLACE ALUM DOUBLE ROLL-UP EXT DOOR
0427406 REFIN REPLACED ALUM DBL ROLL-UP EXT DOOR
0427500 WOOD SINGLE ROLL-UP DOORS
0427502 REPAIR WOOD SINGLE ROLL-UP DOOR
0427504 REFINISH WOOD SINGLE ROLL-UP EXT DOOR
0427505 REPLACE WOOD SINGLE ROLL-UP EXT DOOR
0427506 REFIN REPLACED WOOD SINGLE ROLL-UP DOOR
0427600 WOOD DOUBLE ROLL-UP DOOR
0427602 REPAIR WOOD DOUBLE ROLL-UP EXT DOOR
0427604 REFINISH WOOD DOUBLE ROLL-UP EXT DOOR
0427605 REPLACE WOOD DOUBLE ROLL-UP EXT DOOR
0427606 REFIN REPLACED WOOD DBL ROLL-UP EXT DOOR
0427700 ALUMINUM (SINGLE LEAF) SPRING DOOR
0427702 REPAIR ALUM(SINGLE LEAF) SPRNG GARAGE DR
0427704 REFIN ALUM(SGL LEAF) SPRING GARAGE DOOR
0427705 REPLACE ALUM (SGL LEAF) SRING GARAGE DR
0427706 REFIN REPLACED ALUM (SGL LEAF) GAR DOOR
0427800 STEEL (SINGLE LEAF) SPRING DOOR
0427802 REPAIR STEEL (SGL LEAF) SPRING GARAGE DR
0427804 REFINISH STEEL (SGL LEAF) SPRING GAR DR
0427805 REPLACE STEEL (SGL LEAF) SPRING GAR DOOR
0427806 REFIN REPLACED STEEL (SGL LEAF) GAR DOOR
0427900 WOOD (SINGLE LEAF) SPRING DOOR
0427902 REPAIR WOOD (SGL LEAF) SPRING GARAGE DR
0427904 REFINISH WOOD (SGL LEAF) SPRING GAR DOOR
0427905 REPLACE WOOD (SGL LEAF) SPRING GARAGE DR
0427906 REFIN REPLACED WD(SGL LEAF) SPRG GAR DR

0430000 EXTERIOR WINDOWS
0431000 OPERABLE WINDOWS
0431100 ALUMINUM OPERABLE WINDOWS
0431110 ALUMINUM OPERABLE WINDOWS 1ST FLOOR
0431111 BROKEN GLASS:REPLACEMT.ALUM.WND.1ST FL.
0431112 REPAIR ALUMINIUM EXTERIOR WND. 1ST FL.
0431115 REPLACE ALUMINIUM EXTERIOR WND. 1ST FL.
0431120 ALUMINUM OPERABLE WINDOW 2ND FLOOR
0431121 BROKEN GLASS:REPLCMT.ALUM.WND.EXT.2ND FL
0431122 REPAIR ALUMINIUM EXTERIOR WND. 2ND FL.
0431125 REPLACE ALUMINIUM EXTERIOR WNDW. 2ND FL.
0431130 ALUMINUM OPERABLE WINDOW 3RD+ FLOOR
0431131 BROKEN GLASS:REPLCMT.ALUM.EXT.WDW.3RD+FL
0431132 REPAIR ALUMINUM EXTERIOR WDW. 3RD+FL.
0431135 REPLACE ALUMINIUM EXTERIOR WDW. 3RD+ FL.
0431200 STEEL FRAME (PAINTED) OPER. WINDOW
0431210 STEEL FRM.(PAINT)OPER.WNDW 1ST FLOOR

CACES DESCRIPTION

0431211 BROKEN GLASS:REPLMNT.STEEL FRM.1ST FL.
0431212 REPAIR STEEL FRM.(PNT)OPER.WNDW.1ST FLR.
0431214 REFINISH STEEL FRM.(PAINT)EXT.WDW.1ST FL
0431215 REPLACE STEEL FRM.(PNTD)EXT.WDW. 1ST FL.
0431216 REFIN.REPLCD.STEEL FRM.(PNTD)WDW.1ST FL.
0431220 STEEL FRM.(PAINT) OPER.WNDW 2ND FLOOR
0431221 BRKN.GLS:RPLMT.STL.FRM(PNTD)EXT. 2ND FL.
0431222 REPAIR STEEL FRM.(PNT)OPER.WNDW.2ND FLR.
0431224 REFINISH STEEL FRAME(PNTD)EXT.WDW.2ND FL
0431225 REPLACE STEEL FRM(PNTD)EXT. WDW. 2ND FL.
0431226 REFIN.RPLC.STEEL FRM(PNTD)EXT.WDW.2ND FL
0431230 STEEL FRM.(PAINT) OPER.WNDW 3RD+ FLOOR
0431231 BR.GLS:REPLMNT.STEEL FRM(PNTD)EXT.3RD+FL
0431232 REPAIR STEEL FRM.(PNT)OPER.WNDW.3RD+ FL.
0431234 REFINISH STEEL FRM(PNTD)EXT.WDW. 3RD+FL.
0431235 REPLACE STEEL FRM(PNTD)EXT.WDW. 3RD+FL.
0431236 REFN.RPLCD.STEEL FRM(PNTD)EXT.WDW.3RD+FL
0431300 WOOD FRAME (PAINTED) OPERABLE WINDOW
0431310 WOOD FRM.(PAINT) OPER.WNDW 1ST FLOOR
0431311 BR.GLS:RPLMT.WOOD FRM(PNT)EXT.WDW.1ST FL
0431312 REPAIR WOOD FRM.(PNT)OPER.WNDW.1ST FLR.
0431314 REFINISH WOOD FRAME(PNTD)EXT.WDW.1ST FL.
0431315 REPLACE WOOD FRM(PNTD)EXT.WDW.1ST FL.
0431316 REFIN.RPLCD.WOOD FRM(PNTD)EXT.WDW.1ST FL
0431320 WOOD FRM.(PAINT) OPER.WNDW 2ND FLOOR
0431321 BRKN.GLS:RPLMNT.WOOD FRM(PNT)EXT.2ND FL.
0431322 REPAIR WOOD FRM.(PNT)OPER.WNDW. 2ND FLR.
0431324 REFINISH WOOD FRAME(PNTD)EXT.WDW.2ND FL.
0431325 REPLACE WOOD FRAME(PNTD)EXT.WDW.2ND FL.
0431326 REFIN.RPLCD.WOOD FRM(PNT)EXT.WDW.2ND FL.
0431330 WOOD FRM. (PAINT) OPER. WNDW. 3RD+ FLOOR
0431331 BRKN GLS:RPLMNT.WOOD FRM(PNT)EXT.3RD+FL.
0431332 REPAIR WOOD FRM.(PNT)OPER.WNDW. 3RD+ FL.
0431334 REFINISH WOOD FRM(PNTD)EXT.WDW.3RD+FL.
0431335 REPLACE WOOD FRM(PNTD)EXT.WDW.3RD+FLS.
0431336 REFIN.REPLCD.WOOD FRM(PNT)EXT.WDW.3RD+FL
0431400 PLASTIC (WOOD CORE) FRAME OPER. WINDOW
0431410 PLASTIC (WOOD CR)FRM.OPER.WNDW.1ST FLOOR
0431411 BR.GLS:REPL.PLAST.(WD.CR)FRM.EXT.1ST FL.
0431412 REPR.PLASTIC(WD.CORE)FRM.EXT.WDW.1ST FL.
0431415 REPLC.PLASTIC(WD.CORE)FRM.EXT.WDW.1ST FL
0431420 PLASTIC (WOOD CR) FRM.OPER.WNDW 2ND FLR.
0431421 BR.GLS:RPLMNT.PLAS.(WD.CR)FRM.EXT.2ND FL
0431422 REPR.PLASTIC(WD.CORE)FRM.EXT.WDW.2ND FL.
0431425 REPLC.PLAS.(WD.CORE)FRM.EXT.WDW.2ND FL.
0431430 PLASTIC (WOOD CR) FRM.OPER.WNDW.3RD+ FL.
0431431 BR.GLS:RPLMNT.PLAS(WD.CR)FRM.EXT.3RD FL.
0431432 REPAIR PLAS(WD.CORE)FRM.EXT.WDW.3RD+FL.
0431435 REPLACE PLAS(WD.CORE)FRM.EXT.WDW.3RD+FL.
0431500 GLASS BLOCK (OPERABLE) WINDOW
0431510 GLASS BLOCK (OPERABLE) WINDOW 1ST FLOOR
0431511 BRKN GLS:REPLMNT.GLASS BLOCK EXT.1ST FL.
0431512 REPAIR GLASS BLOCK EXT.WDW. 1ST FL.
0431515 REPLACE GLASS BLOCK EXT. WDW. 1ST FLOOR
0431520 GLASS BLOCK (OPERABLE) WINDOW 2ND FLOOR

CACES	DESCRIPTION
0431521	BRKN.GLS:REPLMNT.GLASS BLOCK EXT.1ST FL.
0431522	REPAIR GLASS BLOCK EXT. WDW. 2ND FLOOR
0431525	REPLACE GLASS BLOCK EXT. WDW. 2ND FLOOR
0431530	GLASS BLOCK (OPERABLE) WINDOW 3RD+ FLOOR
0431531	BRKN.GLS:REPLMNT.GLASS BLOCK EXT.3RD+FL.
0431532	REPAIR GLASS BLOCK EXT. WDW. 3RD +FLOORS
0431535	REPLACE GLASS BLOCK EXT. WDW. 3RD+FLOORS
0431600	DOUBLE PANE ALUMINUM OPERABLE WINDOW
0431610	DOUBLE PANE ALUMINUM OPER.WNDW. 1ST FLR.
0431611	BRKN.GLS:RPLMNT.ALUM.(DBL)EXT.1ST FL.
0431612	REPAIR ALUMINUM(DOUBLE)EXT.WDW.1ST FL.
0431615	REPLACE ALUMINIUM(DOUBLE)EXT.WDW.1ST FL.
0431620	DOUBLE PANE ALUMINUM OPER.WNDW. 2ND FLR.
0431621	BRKN.GLS:RPLMNT.ALUM.(DBL)EXT.2ND FL.
0431622	REPAIR ALUMINUM(DOUBLE)EXT.WDW.2ND FL.
0431625	REPLACE ALUMINUM(DOUBLE)EXT.WDW.2ND FL.
0431630	DOUBLE PANE ALUMINUM OPER.WNDW. 3RD+ FL.
0431631	BRKN.GLS:REPLMNT.ALUM.(DBL)EXT.3RD+FLS.
0431632	REPAIR ALUMINUM(DOUBLE)EXT.WDW. 3RD+FLS.
0431635	REPLACE ALUMINUM(DOUBLE)EXT.WDW.3RD+FLS.
0431700	DOUBLE PANE STEEL OPERABLE WINDOW
0431710	DOUBLE PANE STEEL OPER.WNDW. 1ST FLOOR
0431711	BRKN.GLS:RPLMT.STEEL.FRM(DBL)EXT.1ST FL.
0431712	REPAIR STEEL FRM.(DBL)OPER.WNDW.1ST FLR.
0431714	REFINISH STEEL FRAME(DBL)EXT.WDW.1ST FL.
0431715	REPLACE STEEL FRAME(DBL)EXT.WDW.1ST FL.
0431716	REFIN.REPLC.STEEL FRM.(DBL)EXT.1ST FL.
0431720	DOUBLE PANE STEEL OPER. WNDW. 2ND FLOOR
0431721	BRKN.GLS:RPLMT.STEEL FRM(DBL)EXT.2ND FL.
0431722	REPAIR STEEL FRM.(DBL)OPER.WNDW. 2ND FL.
0431724	REFINISH STEEL FRAME(DBL)EXT.WDW.2ND FL.
0431725	REPLACE STEEL FRAME(DBL)EXT.WDW. 2ND FL.
0431726	REFN.REPLC.STEEL FRM(DBL)EXT.WDW.2ND FL.
0431730	DOUBLE PANE STEEL OPER. WNDW. 3RD+ FLOOR
0431731	BRKN.GLS:RPLMT.STEEL FRM(DBL)EXT.3RD+FL.
0431732	REPAIR STEEL FRM.(DBL)OPER.WNDW.3RD+ FL.
0431734	REFINISH STEEL FRAME(DBL)EXT.WDW.3RD+FL.
0431735	REPLACE STEEL FRAME(DBL)EXT.WDW.3RD+FLS.
0431736	REFIN.RPLC.STEEL FRM(DBL)EXT.WDW.3RD+FL.
0431800	DOUBLE PANE WOOD FRAME OPERABLE WINDOW
0431810	DOUBLE PANE WOOD FRM.OPER.WNDW. 1ST FLR.
0431811	BRKN.GLS:RPLMNT.WOOD FRM(DBL)EXT.1ST FL.
0431812	REPAIR WOOD FRM.(DBL)EXT. WNDW. 1ST FL.
0431814	REFINISH WOOD FRAME(DBL)EXT.WDW.1ST FL.
0431815	REPLACE WOOD FRAME(DBL)EXT.WDW. 1ST FL.
0431816	REFIN.RPLC.WOOD FRM(DBL)EXT.WDW.1ST FL.
0431820	DOUBLE PANE WOOD FRM. OPER.WNDW. 2ND FL.
0431821	BRKN.GLS:RPLMNT.WOOD FRM(DBL)EXT.2ND FL.
0431822	REPAIR WOOD FRM.(DBL)EXT. WNDW. 2ND FL.
0431824	REFINISH WOOD FRAME(DBL)EXT.WDW.2ND FL.
0431825	REPLACE WOOD FRAME(DBL)EXT.WDW.2ND FL.
0431826	REFIN.REPLC.WOOD FRM(DBL)EXT.WDW.2ND FL.
0431830	DOUBLE PANE WOOD FRM.OPER.WNDW. 3RD+ FL.
0431831	BRKN.GLS:RPLMNT.WOOD FRM(DBL)EXT.3RD+FL.
0431832	REPAIR WOOD FRM.(DBL)EXT. WNDW. 3RD+ FL.

CACES	DESCRIPTION
0431834	REFINISH WOOD FRAME(DBL)EXT.WDW.3RD+FLS.
0431835	REPLACE WOOD FRAME(DBL)EXT.WDW.3RD+FLS.
0431836	REFIN.REPLC.WOOD FRM(DBL)EXT.WDW.3RD+FL.
0431900	DOUBLE PANE PLASTIC FRAME OPER. WINDOW
0431910	DOUBLE PANE PLASTIC FRM.OPR.WNDW.1ST FL.
0431911	BRKN.GLS:RPLMT.PLASTIC(WD.CR)EXT.1ST FL.
0431912	REPR.PLAST(WD.CR)FRM.DBL.EXT.WDW.1ST FL.
0431915	RPLC.PLAST(WD.CR)FRM.DBL.EXT.WDW.1ST FL.
0431920	DOUBLE PANE PLASTIC FRM.OPR.WNDW.2ND FL.
0431921	BRKN.GLS:RPLMT.PLASTIC(WD.CR)EXT.2ND FL.
0431922	REPR.PLAST(WD.CR)FRM.DBL.EXT.WDW.2ND FL.
0431925	RPLC.PLAST(WD.CR)FRM.DBL.EXT.WDW.2ND FL.
0431930	DOUBLE PANE PLASTIC FRM.OPR.WNDW.3RD FL.
0431931	BRKN.GLS:RPLMT.PLASTIC(WD.CR)EXT.3RD+FL.
0431932	REPR.PLAST(WD.CR)FRM.DBL.EXT.WDW.3RD+FL.
0431935	RPLC.PLAST(WD.CR)FRM.DBL.EXT.WDW.3RD+FL.
0432000	FIXED WINDOWS
0432100	ALUMINUM FIXED WINDOW
0432110	ALUMINUM FIXED WINDOW 1ST FLOOR
0432111	BRKN.GLS:RPLMNT.ALUM.FIX.EXT.WDW.1ST FL.
0432112	REPAIR ALUMINUM FIX.EXT.WDW.1ST FLOOR
0432115	REPLACE ALUMINUM FIX.EXT.WDW.1ST FLOOR
0432120	ALUMINUM FIXED WINDOW 2ND FLOOR
0432121	BRKN.GLS:REPLMT.ALUM.FIX.EXT.WDW.2ST FL.
0432122	REPAIR ALUMINUM FIX.EXT.WDW.2ND FLOOR
0432125	REPLACE ALUMINUM FIXED EXT.WDW.2ND FLOOR
0432130	ALUMINUM FIXED WINDOW 3RD+ FLOOR
0432131	BRKN.GLS:REPLMT ALUM.FIX.EXT.WDW.3RD+FL.
0432132	REPAIR ALUMINUM FIXED EXT.WDW.3RD+FLOORS
0432135	REPLACE ALUMINUM FIXED EXT.WDW.3RD+FLOOR
0432200	STEEL FRAME (PAINTED) FIXED WINDOW
0432210	STEEL FRAME (PAINT) FIXED WNDW. 1ST FLR.
0432211	BRKN.GLS:RPLMT.STEEL FRM(PND)EXT.1ST FL.
0432212	REPAIR STEEL FRAME(PNT)EXT.WDW.1ST FLOOR
0432214	REFINISH STEEL FRAME(PNT)EXT.WDW.1ST FL.
0432215	REPLACE STEEL FRAME(PNTD)EXT.WDW.1ST FL.
0432216	REFIN.RPLC.STEEL FRM.FIX.EXT.WDW.1ST FL.
0432220	STEEL FRAME (PAINT) FIXED WNDW. 2ND FLR.
0432221	BRKN.GLS:RPLMT.STEEL FRM.FIX.EXT.2ND FL.
0432222	REPR.STEEL FRAME FIX.EXT.WDW.2ND FLOOR
0432224	REFIN.STEEL FRAME FIX.EXT.WDW.2ND FLOOR
0432225	REPLC.STEEL FRAME FIX.EXT.WDW.2ND FLOOR
0432226	REFIN.RPLC.STEEL FRM.FIX.EXT.WDW.2ND FL.
0432230	STEEL FRAME (PAINT) FIXED WNDW. 3RD+ FL.
0432231	BRKN.GLS:RPLMT.STEEL FRM.FIX.EXT.3RD+FL.
0432232	REPAR.STEEL FRAME FIX.EXT.WDW.3RD+FLOORS
0432234	REFINISH STEEL FRAME FIX.EXT.WDW.3RD+FL.
0432235	REPLACE STEEL FRAME FIX.EXT.WDW.3RD+FLS.
0432236	REFIN.RPLC.STEEL FRM.FIX.EXT.WDW.3RD+FL.
0432300	WOOD FRAME (PAINTED) FIXED WINDOW
0432310	WOOD FRAME (PAINT) FIXED WNDW. 1ST FLOOR
0432311	BRKN.GLS:REPLMT.WOOD FRM.FIX.EXT.1ST FL.
0432312	REPAIR WOOD FRAME FIX.EXT.WDW.1ST FLOOR
0432314	REFINISH WOOD FRAME FIX.EXT.WDW.1ST FLR.
0432315	REPLACE WOOD FRAME FIX.EXT.WDW.1ST FLOOR

CACES	DESCRIPTION
0432316	REFIN.RPLC.WOOD FRM.FIX.EXT.WDW.1ST FLR.
0432320	WOOD FRAME (PAINT) FIXED WNDW. 2ND FLOOR
0432321	BRKN.GLS:RPLMT.WOOD FRM.FIX.EXT.2ND FLR.
0432322	REPAIR WOOD FRAME FIXED EXT.WDW.2ND FL.
0432324	REFINISH WOOD FRAME FIX.EXT.WDW.2ND FLR.
0432325	REPLACE WOOD FRAME FIX.EXT.WDW.2ND FLOOR
0432326	REFIN.RPLC.WOOD FRM.FIX.EXT.WDW.2ND FLR.
0432330	WOOD FRAME (PAINT) FIXED WNDW. 3RD+ FLR.
0432331	BRKN.GLS:RPLMT.WOOD FRM.FIX.EXT.3RD+FLS.
0432332	REPAIR WOOD FRAME FIX.EXT.WDW.3RD+FLOORS
0432334	REFINISH WOOD FRAME FIX.EXT.WDW.3RD+FLS.
0432335	REPLACE WOOD FRAME FIX.EXT.WDW.3RD+FLRS.
0432336	REFIN.RPLC.WOOD FRM.FIX.EXT.WDW.3RD+FLS.
0432400	PLASTIC (WOOD FRAME) FIXED WINDOW
0432410	PLASTIC (WOOD FRM) FIXED WNDW. 1ST FLR.
0432411	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.1ST FL.
0432412	REPR.PLAST(WD.CR)FRM.FIX.EXT.WDW.1ST FL.
0432415	RPLC.PLAST(WD.CR)FRM.FIX.EXT.WDW.1ST FL.
0432420	PLASTIC (WOOD FRM) FIXED WNDW. 2ND FLOOR
0432421	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.2ND FL.
0432422	REPR.PLAST(WD CR)FRM.FIX.EXT.WDW.2ND FL.
0432425	RPLC.PLAST(WD.CR)FRM.FIX.EXT.WDW.2ND FL.
0432430	PLASTIC (WOOD FRM) FIXED WNDW. 3RD+ FLR.
0432431	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.3RD+FL.
0432432	REPR.PLAST(WD.CR)FRM.FIX.EXT.WDW.3RD+FL.
0432435	RPLC.PLAST(WD.CR)FRM.FIX.EXT.WDW.3RD FL.
0432500	GLASS BLOCK FIXED WINDOW
0432510	GLASS BLOCK FIXED WINDOW 1ST FLOOR
0432511	BRKN.GLS:REPLMNT.GLASS BLOCK FIX.1ST FL.
0432512	REPAIR GLASS BLOCK FIX.EXT.WDW.1ST FLOOR
0432515	REPLACE GLASS BLOCK FIX.EXT.WDW.1ST FLR.
0432520	GLASS BLOCK FIXED WINDOW 2ND FLOOR
0432521	BRKN.GLS:REPLMT.GLASS BLOCK FIX.2ND FLR.
0432522	REPAIR GLASS BLOCK FIX.EXT.WDW.2ND FLOOR
0432525	REPLACE GLASS BLOCK FIX.EXT.WDW.2ND FLR.
0432530	GLASS BLOCK FIXED WINDOW 3RD+ FLOOR
0432531	BRKN.GLS:REPLMNT.GLASS BLOCK FIX.3RD+FL.
0432532	REPAIR GLASS BLOCK FIX.EXT.WDW.3RD+FLRS.
0432535	REPLACE GLASS BLOCK FIX.EXT.WDW.3RD+FLS.
0432600	DOUBLE PANE ALUMINUM FIXED WINDOW
0432610	DOUBLE PANE ALUMINUM FIXED WNDW. 1ST FL.
0432611	BRKN.GLS:RPLMT.ALUM.FIX(DBL)EXT.1ST FLR.
0432612	REPAIR ALUMINUM FIX(DBL)EXT.WDW.1ST FLR.
0432615	REPLACE ALUMINUM FIX(DBL)EXT.WDW.1ST FL.
0432620	DOUBLE PANE ALUMINUM FIXED WNDW. 2ND FL.
0432621	BRKN.GLS:RPLMT.ALUM.FIX(DBL)EXT.1ST FLR.
0432622	REPAIR ALUMINUM FIX(DBL)EXT.WDW.2ND FLR.
0432625	REPLACE ALUMINUM FIX(DBL)EXT.WDW.2ND FL.
0432630	DOUBLE PANE ALUMINUM FIXED WNDW. 3RD FL.
0432631	BRKN.GLS:REPLMT.ALUM.FIX(DBL)EXT.3RD+FL.
0432632	REPAIR ALUMINUM FIX(DBL)EXT.WDW.3RD+FLS.
0432635	REPLACE ALUMINUM FIX(DBL)EXT.WDW.3RD FL.
0432700	DOUBLE PANE STEEL FIXED WINDOW
0432710	DOUBLE PANE STEEL FIXED WNDW. 1ST FLOOR
0432711	BRKN.GLS:RPLMT.STEEL FRM.FIX(DBL)1ST FL.

CACES	DESCRIPTION
0432712	REPAIR STEEL FRM(DBL)FIX.EXT.WDW.1ST FL.
0432714	REFIN.STEEL FRM(DBL)FIX.EXT.WDW.1ST FLR.
0432715	REPLCE.STEEL FRM(DBL)FIX.EXT.WDW.1ST FL.
0432716	RFN.RPLC.STL.FRM(DBL)FIX.EXT.WDW.1ST FL.
0432720	DOUBLE PANE STEEL FIXED WNDW. 2ND FLOOR
0432721	BRKN.GLS:RPLMT.STEEL FRM(DBL)FIX.2ND FL.
0432722	REPAIR STEEL FRM(DBL)FIX.EXT.WDW.2ND FL.
0432724	REFIN.STEEL FRM(DBL)FIX.EXT.WDW.2ND FLR.
0432725	REPLCE.STEEL FRM(DBL)FIX.EXT.WDW.2ND FL.
0432726	RFN.RPLC.STL.FRM(DBL)FIX.EXT.WDW.2ND FL.
0432730	DOUBLE PANE STEEL FIXED WNDW. 3RD+ FLOOR
0432731	BRKN.GLS:RPLMT.STEEL FRM(DBL)FIX.3RD+FL.
0432732	REPAIR STEEL FRM(DBL)FIX.EXT.WDW.3RD+FL.
0432734	REFIN.STEEL FRM(DBL)FIX.EXT.WDW.3RD+FLS.
0432735	REPLCE.STEEL FRM(DBL)FIX.EXT.WDW.3RD+FL.
0432736	RFN.RPLC.STL.FRM(DBL)FIX.EXT.WDW.3RD+FL.
0432800	DOUBLE PANE WOOD FRAME FIXED WINDOW
0432810	DOUBLE PANE WOOD FRM. FXD.WNDW. 1ST FLR.
0432811	BRKN.GLS:REPLMT.WOOD FRM(DBL)FIX.1ST FL.
0432812	REPAIR WOOD FRM(DBL)FIX.EXT.WDW.1ST FLR.
0432814	REFIN. WOOD FRM(DBL)FIX.EXT.WDW.1ST FLR.
0432815	REPLCE.WOOD FRM(DBL)FIX.EXT.WDW.1ST FLR.
0432816	RFN.RPLC.WOOD FRM(DBL)FIX.EXT.WDW.1ST FL
0432820	DOUBLE PANE WOOD FRM. FXD. WNDW. 2ND FL.
0432821	BRKN.GLS:REPLMT.WOOD FRM(DBL)FIX.2ND FL.
0432822	REPAIR WOOD FRM(DBL)FIX.EXT.WDW.2ND FLR.
0432824	REFIN.WOOD FRM(DBL)FIX.EXT.WDW.2ND FL.
0432825	REPLACE WOOD FRM(DBL)FIX.EXT.WDW.2ND FL.
0432826	RFN.RPLC.WOOD FRM(DBL)FIX.EXT.WDW.2ND FL
0432830	DOUBLE PANE WOOD FRM. FXD. WNDW. 3RD FL.
0432831	BRKN.GLS:REPLMT.WOOD FRM(DBL)FIX.3RD+FL.
0432832	REPAIR WOOD FRM(DBL)FIX.EXT.WDW.3RD+FLR.
0432834	REFIN.WOOD FRM(DBL)FIX.EXT.WDW.3RD+FLS.
0432835	REPLACE WOOD FRM(DBL)FIX.EXT.WDW.3RD+FL.
0432836	RFN.RPLC.WOOD FRM(DBL)FIX.EXT.WDW.3RD+FL
0432900	DOUBLE PANE PLASTIC FRAME FIXED WINDOW
0432910	DOUBLE PANE PLASTIC FRM.FXD.WNDW.1ST FL.
0432911	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.1ST FL.
0432912	REPR.PLAST(WD.CR)DBL.FIX.EXT.WDW.1ST FL.
0432915	RPLC.PLAST(WD.CR)DBL.FIX.EXT.WDW.1ST FL.
0432920	DOUBLE PANE PLASTIC FRM.FXD.WNDW.2ND FL.
0432921	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.2ND FL.
0432922	REPR.PLAST(WD.CR)DBL.FIX.EXT.WDW.2ND FL.
0432925	RPLC.PLAST(WD.CR)DBL.FIX.EXT.WDW.2ND FL.
0432930	DOUBLE PANE PLASTIC FRM.FXD.WNDW.3RD FL.
0432931	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.3RD+FL.
0432932	REPR.PLAST(WD.CR)DBL.FIX.EXT.WDW.3RD+FL.
0432935	RPLC.PLAST(WD.CR)DBL.FIX.EXT.WDW.3RD+FL.
0433000	LOUVERS AND SHUTTERS
0433100	LOUVERS AND SHUTTERS
0433110	WOOD LOUVER IN FRAME 1ST FLOOR
0433112	REPAIR WOOD LOUVER IN FRAME 1ST FLOOR
0433113	REFIN REPAIRD WD LOUVER IN FRAME 1ST FL
0433114	REFINISH WOOD LOUVER IN FRAME 1ST FLOOR
0433115	REPLACE WOOD LOUVER IN FRAME 1ST FLOOR

CACES	DESCRIPTION
0433116	REFIN REPLACD WOOD LOUVR IN FRAME 1ST FL
0433120	WOOD LOUVER IN FRAME 2ND FLOOR
0433122	REPAIR WOOD LOUVER IN FRAME 2ND FLOOR
0433123	REFIN REPLCED WD LOUVER IN FRAME 2ND FL
0433124	REFINISH WOOD LOUVER IN FRAME 2ND FLOOR
0433125	REPLACE WOOD LOUVER IN FRAME 2ND FLOOR
0433126	REFIN REPLACD WD LOUVER IN FRAME 2ND FL
0433130	WOOD LOUVER IN FRAME 3RD FLOOR
0433132	REPAIR WOOD LOUVER IN FRAME 3RD FLOOR
0433133	REFIN REPAIRD WD LOUVER IN FRAME 3RD FL
0433134	REFINISH WOOD LOUVER IN FRAME 3RD FLOOR
0433135	REPLACE WOOD LOUVER IN FRAME 3RD FLOOR
0433136	REFIN REPLACD WD LOUVER IN FRAME 3RD FL
0433200	ALUMINUM LOUVERS
0433210	ALUMINUM LOUVER IN FRAME 1ST FLOOR
0433212	REPAIR ALUM LOUVER IN FRAME 1ST FLOOR
0433213	REFIN REPRAIRD ALUM LOUV IN FRAME 1ST FR
0433214	REFINISH ALUM LOUVER IN FRAME 1ST FLOOR
0433215	REPLACE ALUM LOUVER IN FRAME 1ST FLOOR
0433216	REFIN REPLCED ALUM LOUVR IN FRAME 1ST FL
0433220	ALUMINUM LOUVERS (IN FRAME) 2ND FLOOR
0433222	REPAIR ALUMINUM LOUVER(FRAMED) 2ND FLOOR
0433223	REFINISH REPAIRED ALUMINUM LOUVER 2ND FL
0433224	REFINISH ALUMINUM LOUVER(FRAMED) 2ND FL.
0433225	REPLACE ALUMINUM LOUVER(FRAMED) 2ND FLR.
0433226	REFINISH REPLACED ALUMIN.LOUVER 2ND FLR.
0433230	ALUMINUM LOUVER (IN FRAME) 3RD FLOOR
0433232	REPAIR ALUMINUM LOUVER (FRAMED) 3RD FLR.
0433233	REFINISH REPAIRED ALUMIN.(FRMD) 3RD FLR.
0433234	REFINISH ALUMINUM LOUVER (FRMD) 3RD FLR.
0433235	REPLACE ALUMINUM LOUVER (FRAMED)3RD FLR.
0433236	REFINISH REPLACED ALUMIN.LOUVER 3RD FLR.
0433300	STEEL LOUVERS WITH FRAME
0433310	STEEL LOUVERS WITH FRAME 1ST FLOOR
0433312	REPAIR STEEL LOUVER (FRAMED) 1ST FLOOR
0433313	REFINISH REPAIRED STEEL (FRAME) 1ST FLR.
0433314	REFINISH STEEL LOUVER (FRAMEED) 1ST FLR.
0433315	REPLACE STEEL LOUVER (FRAMED) 1ST FLOOR
0433316	REFINISH REPLACED STEEL (FRAME) 1ST FLR.
0433320	STEEL LOUVERS WITH FRAME 2ND FLOOR
0433322	REPAIR STEEL LOUVER (FRAME) 2ND FLOOR
0433323	REFIN.REPLCD.STEEL LOUVER (FRM) 2ND FLR.
0433324	REFINISH STEEL LOUVER (FRAMED) 2ND FLOOR
0433325	REPLACE STEEL LOUVER (FRAMED) 2ND FLOOR
0433326	REFIN.REPLCD.STEEL LOUVER (FRM) 2ND FLR.
0433330	STEEL LOUVERS WITH FRAME 3RD FLOOR
0433332	REPAIR STEEL LOUVER (FRAMED) 3RD FLOOR
0433333	REFINISH REPRD.STEEL LOUVER (FRM)3RD FL.
0433334	REFINISH STEEL LOUVER (FRAMED) 3RD FLOOR
0433335	REPLACE STEEL LOUVER (FRAMED) 3RD FLOOR
0433336	REFIN. REPLCD.STEEL LOUVER (FRM) 3RD FL.
0433400	WOOD SHUTTER WITH FRAME
0433410	WOOD SHUTTER WITH FRAME 1ST FLOOR
0433412	REPAIR WOOD SHUTTER (FRAMED) 1ST FLOOR
0433413	REFINISH REPRD.WOOD SHUTTER (FRM)1ST FL.

CACES	DESCRIPTION
0433414	REFINISH WOOD SHUTTER (FRAMED) 1ST FLOOR
0433415	REPLACE WOOD SHUTTER (FRAMED) 1ST FLOOR
0433416	REFIN. REPLCD.WOOD SHUTTER (FRM) 1ST FL.
0433420	WOOD SHUTTER WITH FRAME 2ND FLOOR
0433422	REPAIR WOOD SHUUTER (FRAME) 2ND FLOOR
0433423	REFIN. REPRD. WOOD SHUTTER (FRM) 2ND FL.
0433424	REFINISH WOOD SHUTTER (FRAMED) 2ND FLOOR
0433425	REPLACE WOOD SHUTTER (FRAMED) 2ND FLOOR
0433426	REFIN. REPLCD.WOOD SHUTTER (FRM) 1ST FL.
0433430	WOOD SHUTTER WITH FRAME 3RD FLOOR
0433432	REPAIR WOOD SHUTTER (FRAMED) 3RD FLOOR
0433433	REFIN. REPRD. WOOD SHUTTER (FRM) 3RD FL.
0433434	REFINISH WOOD SHUTTER (FRAMED) 3RD FLOOR
0433435	REPLACE WOOD SHUTTER (FRAMED) 3RD FLOOR
0433436	REFIN. REPLCD. WOOD SHUTTER (FRM)3RD FL.
0433500	ALUMINUM SHUTTER WITH FRAME
0433510	ALUMINUM SHUTTER WITH FRAME 1ST FLOOR
0433512	REPAIR ALUMINUM SHUTTER (FRAMED) 1ST FL.
0433513	REFIN. REPRD. ALUMIN. (FRAMED) 1ST FLOOR
0433514	REFINISH ALUMINUM SHUTTER (FRM) 1ST FLR.
0433515	REPLACE ALUMINUM SHUTTER (FRAMED)1ST FL.
0433516	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)1ST FL.
0433520	ALUMINUM SHUTTER WITH FRAME 2ND FLOOR
0433522	REPAIR ALUMINUM SHUTTER (FRAME) 2ND FLR.
0433523	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)2ND FL.
0433524	REFINISH ALUMINUM SHUTTER (FRM) 2ND FL.
0433525	REPLACE ALUMINUM SHUTTER (FRAME) 2ND FL.
0433526	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)2ND FL.
0433530	ALUMINUM SHUTTER WITH FRAME 3RD FLOOR
0433532	REPAIR ALUMINUM SHUTTER (FRAMED) 3RD FL.
0433533	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)3RD FL.
0433534	REFINISH ALUMINUM SHUTTER (FRMD) 3RD FL.
0433535	REPLACE ALUMINUM SHUTTER (FRAMED)3RD FL.
0433536	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)3RD FL.
0433600	STEEL SHUTTER WITH FRAME
0433610	STEEL SHUTTER WITH FRAME 1ST FLOOR
0433612	REPAIR STEEL SHUTTER (FRAME) 1ST FLOOR
0433613	REFIN. REPRD.STEEL SHUTTER (FRM) 1ST FL.
0433614	REFINISH STEEL SHUTTER (FRAME) 1ST FLOOR
0433615	REPLACE STEEL SHUTTER (FRAMED) 1ST FLOOR
0433616	REFIN. REPLCD.STEEL SHUTTER (FRM)1ST FL.
0433620	STEEL SHUTTER WITH FRAME 2ND FLOOR
0433622	REPAIR STEEL SHUTTER (FRAME) 2ND FLOOR
0433623	REFIN. REPRD. STEEL SHUTTER (FRM)1ST FL.
0433624	REFINISH STEEL SHUTTER (FRAME) 2ND FLOOR
0433625	REPLACE STEEL SHUTTER (FRAME) 2ND FLOOR
0433626	REFIN.REPLCD. STEEL SHUTTER (FRM)2ND FL.
0433630	STEEL SHUTTER WITH FRAME 3RD FLOOR
0433632	REPAIR STEEL SHUTTER (FRAME) 3RD FLOOR
0433633	REFIN. REPRD.STEEL SHUTTER (FRM) 3RD FL.
0433634	REFINISH STEEL SHUTTER (FRAME) 3RD FLOOR
0433635	REPLACE STEEL SHUTTER (FRAMED) 3RD FLOOR
0433636	REFIN.REPLCD. STEEL SHUTTER (FRM)3RD FL.
0434000	WINDOW COVERINGS & SPECIAL EXT. WINDOWS
0434100	ALUMINUM FRAME STORM WINDOWS

CACES	DESCRIPTION
0434110	ALUMINUM FRAME STORM WINDOWS 1ST FLOOR
0434111	BRKN.GLS.RPLMT:ALUM.FRM.STORM WIN.1ST FL
0434112	REPAIR ALUMINUM FRM. STORM WIND. 1ST FL.
0434114	REFINISH ALUMINUM FRM.STORM WIND.1ST FL.
0434115	REPLACE ALUMINUM FRM.STORM WIND.1ST FLR.
0434116	REFIN.REPLCD.ALUM.FRM.STORM WIN.1ST FLR.
0434120	ALUMINUM FRAME STORM WINDOWS 2ND FLOOR
0434121	BRKN.GLS.RPLMT.ALUM.FRM.STORM WIN.2ND FL
0434122	REPAIR ALUMINUM FRM.STORM WINDOW 2ND FL.
0434124	REFINISH ALUMINUM FRM.STORM WIND.2ND FL.
0434125	REPLACE ALUMINUM FRM.STORM WIND. 2ND FL.
0434126	REFIN.REPLCD.ALUM.FRM.STORM WIN.2ND FLR.
0434130	ALUMINUM FRAME STORM WINDOWS 3RD FLOOR
0434131	BRKN.GLS.RPLMT.ALUM.FRM.STORM WIN.3RD FL
0434132	REPAIR ALUMINUM FRM.STORM WINDOW 3RD FL.
0434134	REFINISH ALUMINUM FRM.STORM WIND.3RD FL.
0434135	REPLACE ALUMINUM FRM.STORM WIND. 3RD FL.
0434136	REFIN.REPLCD.ALUM.FRM.STORM WIND.3RD FL.
0434200	STEEL FRAME STORM WINDOWS
0434210	STEEL FRAME STORM WINDOWS 1ST FLOOR
0434211	BRK.GLS.RPLMT.STEEL FRM.STORM WIN.1ST FL
0434212	REPAIR STEEL FRAME STORM WINDOW 1ST FL.
0434214	REFINISH STEEL FRM.STORM WINDOW 1ST FL.
0434215	REPLACE STEEL FRAME STORM WINDOW 1ST FL.
0434216	REFIN.REPLCD.STEEL FRAME WINDOW 1ST FLR.
0434220	STEEL FRAME STORM WINDOWS 2ND FLOOR
0434221	BRK.GLS.RPLMT.STEEL FRM.STORM WIN.2ND FL
0434222	REPAIR STEEL FRAME STORM WINDOW 2ND FLR.
0434224	REFINISH STEEL FRAME STORM WIND. 2ND FL.
0434225	REPLACE STEEL FRAME STORM WINDOW 2ND FL.
0434226	REFIN.REPLCD. STEEL FRAME WINDOW 2ND FL.
0434230	STEEL FRAME STORM WINDOWS 3RD FLOOR
0434231	BRK.GLS.RPLMT.STEEL FRM.STORM WIN.3RD FL
0434232	REPAIR STEEL FRAME STORM WINDOW 3RD FLR.
0434234	REFINISH STEEL FRAME STORM WIND. 3RD FL.
0434235	REPLACE STEEL FRAME STORM WINDOW 3RD FL.
0434236	REFIN.REPLCD.STEEL FRM.STORM WIN.3RD FL.
0434300	WOOD FRAME STORM WINDOW
0434310	WOOD FRAME STORM WINDOW 1ST FLOOR
0434311	BRKN.GLS.RPLMT.WOOD FRM.STORM WIN.1ST FL
0434312	REPAIR WOOD FRAME STORM WINDOW 1ST FLOOR
0434314	REFINISH WOOD FRAME STORM WINDOW 1ST FL.
0434315	REPLACE WOOD FRAME STORM WINDOW 1ST FLR.
0434316	REFIN.REPLCD. WOOD FRAME WINDOW 1ST FLR.
0434320	WOOD FRAME STORM WINDOW 2ND FLOOR
0434321	BRKN.GLS.RPLMT:WOOD FRM.STORM WIN.2ND FL
0434322	REPAIR WOOD FRAME STORM WINDOW 2ND FLOOR
0434324	REFINISH WOOD FRAME STORM WINDOW 2ND FL.
0434325	REPLACE WOOD FRAME STORM WINDOW 2ND FLR.
0434326	REFIN.REPLCD. WOOD FRM.STORM WIN.2ND FL.
0434330	WOOD FRAME STORM WINDOW 3RD FLOOR
0434331	BRKN.GLS.RPLMT:WOOD FRM.STORM WIN.3RD FL
0434332	REPAIR WOOD FRAME STORM WINDOW 3RD FLOOR
0434334	REFINISH WOOD FRAME STORM WINDOW 3RD FL.
0434335	REPLACE WOOD FRAME STORM WINDOWS 3RD FL.

CACES	DESCRIPTION
0434336	REFIN.REPLCD.WOOD FRM.STORM WIN.3RD FLR.
0434400	METAL WINDOW GRATINGS
0434410	METAL WINDOW GRATINGS 1ST FLOOR
0434412	REPAIR METAL WINDOW GRATINGS 1ST FLOOR
0434414	REFINISH METAL WINDOW GRATING 1ST FLOOR
0434415	REPLACE METAL WINDOW GRATING 1ST FLOOR
0434416	REFIN.REPLCD.METAL WINDOW GRATING 1ST FL
0434420	METAL WINDOW GRATINGS 2ND FLOOR
0434422	REPAIR METAL WINDOW GRATING 2ND FLOOR
0434424	REFINISH METAL WINDOW GRATING 2ND FLOOR
0434425	REPLACE METAL WINDOW GRATING 2ND FLOOR
0434426	REFIN.REPLCD.METAL WINDOW GRATING 2ND FL
0434430	METAL WINDOW GRATINGS 3RD FLOOR
0434432	REPAIR METAL WINDOW GRATINGS 3RD FLOOR
0434434	REFINISH METAL WINDOW GRATING 3RD FLOOR
0434435	REPLACE METAL WINDOW GRATING 3RD FLOOR
0434436	REFIN.REPLCD.METAL WINDOW GRATING 3RD FL
0434500	METAL WIRE MESH WINDOW COVERING
0434510	METAL WIRE MESH WINDOW COVER 1ST FLOOR
0434512	REPAIR METAL MESH WINDOW COVER 1ST FLOOR
0434514	REFINISH METAL MESH WINDOW COVER 1ST FL.
0434515	REPLACE METAL MESH WINDOW COVER 1ST FLR.
0434516	REFIN.REPLCD.METAL MESH WIND.CVR.1ST FL.
0434520	METAL WIRE MESH WINDOW COVER 2ND FLOOR
0434522	REPAIR METAL MESH WINDOW COVER 2ND FLOOR
0434524	REFINISH METAL MESH WINDOW COVER 2ND FL.
0434525	REPLACE METAL MESH WINDOW COVER 2ND FLR.
0434526	REFIN.REPLCD.METAL MESH WIND.CVR.2ND FL.
0434530	METAL WIRE MESH WINDOW COVER 3RD FLOOR
0434532	REPAIR METAL MESH WINDOW COVER 3RD FLOOR
0434534	REFINISH METAL MESH WINDOW COVER 3RD FL.
0434535	REPLACE METAL MESH WINDOW COVER 3RD FLR.
0434536	REFINISH METAL MESH WINDOW COVER 3RD FL.
0434600	ALUMINUM FRAME SCREEN WINDOW COVER
0434610	ALUMINUM FRAME SCREEN COVER 1ST FLOOR
0434612	REPAIR ALUMINUM FRAME SCREEN 1ST FLOOR
0434614	REFINISH ALUMINUM FRAME SCREEN 1ST FLOOR
0434615	REPLACE ALUMINUM FRAME SCREEN 1ST FLOOR
0434616	REFIN.REPLCD.ALUMIN.FRAME SCREEN 1ST FL.
0434620	ALUMINUM FRAME SCREEN COVER 2ND FLOOR
0434622	REPAIR ALUMINUM FRAME SCREEN 2ND FLOOR
0434624	REFINISH ALUMINUM FRAME SCREEN 2ND FLOOR
0434625	REPLACE ALUMINUM FRAME SCREEN 2ND FLOOR
0434626	REFIN.REPLCD.ALUMIN.FRAME SCREEN 2ND FL.
0434630	ALUMINUM FRAME SCREEN COVER 3RD FLOOR
0434632	REPAIR ALUMINUM FRAME SCREEN CVR.3RD FL.
0434634	REFINISH ALUMINUM FRAME SCREEN 3RD FLOOR
0434635	REPLACE ALUMINUM FRAME SCREEN 3RD FLOOR
0434636	REFIN.REPLCD.ALUMIN.FRAME SCREEN 3RD FL.
0434700	STEEL FRAME SCREEN WINDOW COVER
0434710	STEEL FRAME SCREEN COVER 1ST FLOOR
0434712	REPAIR STEEL FRAME SCREEN COVER 1ST FLR.
0434714	REFINISH STEEL FRAME SCREEN CVR.1ST FLR.
0434715	REPLACE STEEL FRAME SCREEN COVER 1ST FL.
0434716	REFIN.REPLCD.STEEL FRAME SCREEN 1ST FLR.

CACES DESCRIPTION

0434720 STEEL FRAME SCREEN COVER 2ND FLOOR
0434722 REPAIR STEEL FRAME SCREEN COVER 2ND FLR.
0434724 REFINISH STEEL FRAME SCREEN COVR.2ND FL.
0434725 REPLACE STEEL FRAME SCREEN COVER 2ND FL.
0434726 REFIN.REPLCD.STEEL FRAME SCREEN 2ND FLR.
0434730 STEEL FRAME SCREEN COVER 3RD FLOOR
0434732 REPAIR STEEL FRAME SCREEN COVER 2ND FLR.
0434734 REFINISH STEEL FRAME SCREEN COVR.3RD FL.
0434735 REPLACE STEEL FRAME SCREEN COVER 3RD FL.
0434736 REFIN.REPLCD.STEEL FRAME SCREEN 3RD FLR.
0434800 WOOD FRAME SCREEN WINDOW COVER
0434810 WOOD FRAME SCREEN WINDOW COVER 1ST FLOOR
0434812 REPAIR WOOD FRAME SCREEN COVER 1ST FLOOR
0434814 REFINISH WOOD FRAME SCREEN COVER 1ST FL.
0434815 REPLACE WOOD FRAME SCREEN COVER 1ST FLR.
0434816 REFIN.REPLCD.WOOD FRAME SCREEN 1ST FLOOR
0434820 WOOD FRAME SCREEN WINDOW COVER 2ND FLOOR
0434822 REPAIR WOOD FRAME SCREEN COVER 2ND FLOOR
0434824 REFINISH WOOD FRAME SCREEN COVER 2ND FL.
0434825 REPLACE WOOD FRAME SCREEN COVER 2ND FLR.
0434826 REFIN.REPLCD.WOOD FRAME SCREEN 3RD FLOOR
0434830 WOOD FRAME SCREEN WINDOW COVER 3RD FLOOR
0434832 REPAIR WOOD FRAME SCREEN COVER 3RD FLOOR
0434834 REFINISH WOOD FRAME SCREEN COVER 3RD FL.
0434835 REPLACE WOOD FRAME SCREEN COVER 3RD FLR.
0434836 REFIN.REPLCD.WOOD FRAME SCREEN 3RD FLOOR
0434900 LEAD-LINED WINDOW W/FRAME
0434910 LEAD-LINED WINDOW 1ST FLOOR
0434911 BRKN.GLS.RPLMT:LEAD-LINED WINDOW 1ST FL.
0434912 REPAIR LEAD-LINED WINDOW 1ST FLOOR
0434914 REFINISH LEAD-LINED WINDOW 1ST FLOOR
0434915 REPLACE LEAD-LINED WINDOW 1ST FLOOR
0434916 REFIN.REPLCD.LEAD-LINED WINDOW 1ST FLOOR
0434920 LEAD-LINED WINDOW 2ND FLOOR
0434921 BRKN.GLS.RPLMT:LEAD-LINED WINDOW 2ND FL.
0434922 REPAIR LEAD-LINED WINDOW 2ND FLOOR
0434924 REFINISH LEAD-LINED WINDOW 2ND FLOOR
0434925 REPLACE LEAD-LINED WINDOW 2ND FLOOR
0434926 REFIN.REPLCD.LEAD-LINED WINDOW 2ND FLOOR
0434930 LEAD-LINED WINDOW 3RD FLOOR
0434931 BRKN.GLS.RPLMT:LEAD-LINED WINDOW 3RD FL.
0434932 REPAIR LEAD-LINED WINDOW 3RD FLOOR
0434934 REFINISH LEAD-LINED WINDOW 3RD FLOOR
0434935 REPLACE LEAD-LINED WINDOW 3RD FLOOR
0434936 REFIN.REPLCD.LEAD-LINED WINDOW 3RD FLR.

0440000 EXTERIOR PORCHES
0441000 DECKS
0441100 CONCRETE DECKING - PORCH
0441102 REPAIR CONCRETE DECKING EXTERIOR PORCH
0441103 REFINISH REPAIRED CONC.DECKING EXT.PORCH
0441104 REFINISH CONCRETE DECKING EXTERIOR PORCH
0441105 REPLACE CONCRETE DECKING EXTERIOR PORCH
0441106 REFINISH REPLACED CONC.DECKING EXT.PORCH
0441200 WOOD DECKING - PORCH
0441202 REPAIR WOOD DECKING EXTERIOR PORCH

CACES DESCRIPTION

0441203 REFINISH REPAIRED WOOD DECKING EXT.PORCH
0441204 REFINISH WOOD DECKING EXTERIOR PORCH
0441205 REPLACE WOOD DECKING EXTERIOR PORCH
0441206 REFINISH REPLACED DECKING EXTERIOR PORCH
0441300 METAL DECKING-PORCH
0441302 REPAIR METAL DECKING EXTERIOR PORCH
0441303 REFINISH REPAIRED METAL DECK.EXT.PORCH
0441304 REFINISH METAL DECKING EXTERIOR PORCH
0441305 REPLACE METAL DECKING EXTERIOR PORCH
0441306 REFINISH REPLACED METAL DECK.EXT.PORCH
0442000 RAILINGS, EXTERIOR PORCHES
0442100 WROUGHT IRON EXT. PORCH RAILING
0442102 REPAIR WROUGHT IRON RAILING EXT.PORCH
0442103 REFIN.REPRED.WROUGHT IRON RAIL.EXT.PORCH
0442104 REFINISH WROUGHT IRON RAILING EXT.PORCH
0442105 REPLACE WROUGHT IRON RAILING EXT.PORCH
0442106 REFIN.REPLCD.WROUGHT IRON RAIL.EXT.PORCH
0442200 WOOD EXTERIOR PORCH RAILING
0442202 REPAIR WOOD RAILING EXTERIOR PORCH
0442203 REFINISH REPAIRED WOOD RAILING EXT.PORCH
0442204 REFINISH WOOD RAILING EXTERIOR PORCH
0442205 REPLACE WOOD RAILING EXTERIOR PORCH
0442206 REFINISH REPLACED WOOD RAILING EXT.PORCH
0442300 STEEL (METAL) PAINTED RAILING EXT.PORCH
0442302 REPAIR STEEL(METAL)PNT.RAILING EXT.PORCH
0442303 REFIN.REPRD.STEEL(METAL)PNT.RAIL.EXT.PCH
0442304 REFINISH STEEL (METAL)PNT.RAIL.EXT.PORCH
0442305 REPLACE STEEL(METAL)PNT.RAIL. EXT.PORCH
0442306 REFN.RPCD.STEEL(METAL)PNT.RAIL.EXT.PORCH
0442400 STEEL (METAL)UNPAINTED RAILING EXT.PORCH
0442402 REPAIR STEEL (METAL)UNPNT.RAIL.EXT.PORCH
0442405 REPLACE STEEL(METAL)UNPNT.RAIL.EXT.PORCH
0443000 SUPPORT MEMBERS
0443100 CONCRETE EXTERIOR PORCH SUPPORTS
0443102 REPAIR CONCRETE SUPPORTS EXTERIOR PORCH
0443103 REFINISH REPAIRED CONCR.SUPPT.EXT.PORCH
0443104 REFINISH CONCRETE SUPPORTS EXT.PORCH
0443105 REPLACE CONCRETE SUPPORTS EXTERIOR PORCH
0443106 REFINISH REPLACED CONCR. SUPPT.EXT.PORCH
0443200 WOOD EXTERIOR PORCH SUPPORTS
0443202 REPAIR WOOD SUPPORTS EXTERIOR PORCH
0443203 REFINISH REPAIRED WOOD SUPPORT EXT.PORCH
0443204 REFINISH WOOD SUPPORTS EXTERIOR PORCH
0443205 REPLACE WOOD SUPPORTS EXTERIOR PORCH
0443206 REFINISH REPLACED WOOD SUPPT.EXT.PORCH
0443300 CLAY BRICK EXTERIOR PORCH SUPPORTS
0443302 REPAIR CLAY BRICK SUPPORTS EXT. PORCH
0443303 REFIN.REPRED.CLAY BRICK SUPPT.EXT.PORCH
0443304 REFINISH CLAY BRICK SUPPORTS EXT.PORCH
0443305 REPLACE CLAY BRICK SUPPORTS EXTER.PORCH
0443306 REFIN. REPLCD.CLAY BRICK SUPPT.EXT.PORCH
0443400 STEEL (METAL) EXTER. PORCH-DECK SUPPORTS
0443402 REPAIR STEEL(METAL)EXT. PORCH-DECK SUPPT
0443403 REFIN.RPRD.STEEL(METAL)EXT.PORCH SUPPORT
0443404 REFINISH STEEL(METAL) EXT. PORCH SUPPORT

CACES DESCRIPTION

0443405 REPLACE STEEL(METAL)EXT. PORCH SUPPORTS
0443406 RFIN.RPLCD.STEEL(METAL)EXT.PORCH SUPPORT
0444000 COLUMNS
0444100 METAL EXTERIOR PORCH COLUMNS
0444102 REPAIR METAL COLUMN EXTERIOR PORCH
0444103 REFINISH REPAIRED METAL COLUMN EXT.PORCH
0444104 REFINISH METAL COLUMN EXTERIOR PORCH
0444105 REPLACE METAL COLUMN EXTERIOR PORCH
0444106 REFINISH REPLACED METAL COLUMN EXT.PORCH
0444200 WOOD EXTERIOR PORCH COLUMNS
0444202 REPAIR WOOD COLUMNS EXTERIOR PORCH
0444203 REFINISH REPAIRED WOOD COLUMN EXT.PORCH
0444204 REFINISH WOOD COLUMN EXTERIOR PORCH
0444205 REPLACE WOOD COLUMN EXTERIOR PORCH
0444206 REFINISH REPLACED WOOD COLUMN EXT.PORCH
0444300 CLAY BRICK EXTERIOR PORCH COLUMNS
0444302 REPAIR CLAY BRICK COLUMN EXTERIOR PORCH
0444303 REFIN.REPRED.CLAY BRICK COLUMN EXT.PORCH
0444304 REFINISH CLAY BRICK COLUMN EXTER.PORCH
0444305 REPLACE CLAY BRICK COLUMN EXTERIOR PORCH
0444306 REFIN.REPLCD.CLAY BRICK COLUMN EXT.PORCH

0450000 EXTERIOR ORNAMENT
0451000 CORNICES
0451100 STONE EXTERIOR CORNICE
0451102 REPAIR STONE CORNICE EXTERIOR ORNAMENT
0451105 REPLACE STONE CORNICE EXTERIOR ORNAMENT
0451200 WOOD EXTERIOR CORNICE
0451202 REPAIR WOOD CORNICE EXTERIOR ORNAMENT
0451203 REFINISH REPAIRED WOOD CORNICE EXT.ORNMT
0451204 REFINISH WOOD CORNICE EXTERIOR ORNAMENT
0451205 REPLACE WOOD CORNICE EXTERIOR ORNAMENT
0451206 REFINISH REPLACED WOOD CORNICE EXT.ORNMT

0460000 EXTERIOR STAIRS
0461000 EXTERIOR STAIR RAILINGS
0461100 WOOD EXTERIOR STAIR RAILING
0461102 REPAIR WOOD RAILINGS EXTERIOR STAIRS
0461103 REFINISH REPAIRED WOOD RAILING EXT.STAIR
0461104 REFINISH WOOD RAILING EXTERIOR STAIRS
0461105 REPLACE WOOD RAILINGS EXTERIOR STAIRS
0461106 REFINISH REPLACED WOOD RAILING EXT.STAIR
0461200 METAL EXTERIOR STAIR RAILING
0461202 REPAIR METAL RAILING EXTERIOR STAIR
0461203 REFINISH REPAIRED METAL RAILNG.EXT.STAIR
0461204 REFINISH METAL RAILING EXTERIOR STAIRS
0461205 REPLACE METAL RAILING EXTERIOR STAIRS
0461206 REFINISH REPLACED METAL RAILNG.EXT.STAIR
0461300 WROUGHT IRON EXTERIOR STAIR RAILING
0461302 REPAIR WROUGHT IRON EXT. STAIR RAILING
0461303 REFIN.REPRD.WROUGHT IRON EXT.STAIR RAIL.
0461304 REFINISH WROUGHT IRON EXT. STAIR RAILING
0461305 REPLACE WROUGHT IRON EXT. STAIR RAILING
0461306 REFN.RPLCD.WROUGHT IRON EXT.STAIR RAILG.
0461400 STEEL (METAL) UNPNTD.EXTER.STAIR RAILING
0461402 REPAIR STEEL(METAL)UNPND.EXT.STAIR RAIL.
0461405 REPLC.STEEL(METAL)UNPND.EXT.STAIR RAILG.

CACES DESCRIPTION

0462000 STEPS
0462100 CONCRETE EXTERIOR STEPS
0462102 REPAIR CONCRETE STEPS EXTERIOR STAIR
0462105 REPLACE CONCRETE STEPS EXTERIOR STAIRS
0462200 WOOD EXTERIOR STEPS
0462202 REPAIR WOOD STEPS EXTERIOR STAIR
0462203 REFINISH REPAIR WOOD STEPS EXTER.STAIR
0462204 REFINISH WOOD STAIRS EXTERIOR STAIRS
0462205 REPLACE WOOD STEPS EXTERIOR STAIRS
0462206 REFINISH REPLACE WOOD STEPS EXTER.STAIR
0462300 METAL EXTERIOR STEPS
0462302 REPAIR METAL STEPS EXTERIOR STAIR
0462303 REFINISH REPAIRED METAL STEPS EXT.STAIR
0462304 REFINISH METAL STEPS EXTERIOR STAIR
0462305 REPLACE METAL STEPS EXTERIOR STAIR
0462306 REFINISH REPLACED METAL STEPS EXT.STAIR
0462400 MASONRY EXTERIOR STEPS (UNPAINTED)
0462402 REPAIR MASONRY STEP UNPNAINTED EXT.STAIR
0462405 REPLACE MASONRY STEP UNPAINTED EXT.STAIR
0462500 MASONRY EXTERIOR STEPS (PAINTED)
0462502 REPAIR MASONRY STEP PAINTED EXT.STAIR
0462503 REFIN.REPRD.MASONRY STEP PNTD EXT.STAIR
0462504 REFINISH MASONRY STEPS PAINTED EXT.STAIR
0462505 REPLACE MASONRY STEPS PAINTED EXT.STAIR
0462506 REFIN.REPLCD.MASONRY STEP PNTD.EXT.STAIR
0462600 QUARRY TILE EXTERIOR STEPS
0462602 REPAIR QUARRY TILE STEPS EXTERIOR STAIR
0462605 REPLACE QUARRY TILE STEPS EXTERIOR STAIR

0470000 EXTERIOR HARDWARE
0471000 HINGE
0471100 BRASS EXTERIOR HINGE
0471105 REPLACE BRASS HINGE EXTERIOR HARDWARE
0472000 LOCKSET
0472100 BRASS EXTERIOR LOCKSET
0472105 REPLACE BRASS LOCKSET EXTERIOR HARDWARE
0473000 DOOR CLOSER
0473100 BRASS EXTERIOR DOOR CLOSER
0473105 REPLACE BRASS CLOSER EXTERIOR HARDWARE
0474000 DEAD BOLT
0474100 BRASS EXTERIOR DEAD BOLT
0474105 REPLACE BRASS DEADBOLT EXTERIOR HARDWARE
0475000 WEATHERSTRIPPING
0475100 BRASS EXTERIOR WEATHERSTRIPPING
0475105 REPLACE BRASS WEATHERSTRIPPING EXT.HRDWR
0476000 EXIT BOLT (PANIC BAR)
0476100 METAL EXIT BOLT
0476105 REPLACE METAL EXITBOLT EXTERIOR HARDWARE

0500000 INTERIOR CONSTRUCTION

0510000 INTERIOR PARTITIONS-FIXED
0511000 DRYWALL
0512000 MASONRY
0513000 CONCRETE

0520000 INTERIOR PARTITIONS-MOVABLE
0521000 MOVABLE METAL PARTITIONS

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CACES DESCRIPTION

0521100 STEEL PARTITIONS
0521102 REPAIR STEEL INT. PARTITION
0521105 REPLACE STEEL INT. PARTITIONS
0522000 MOVABLE FABRIC PARTITIONS
0522100 FABRIC PARTITION
0522102 REPAIR FABRIC INT. PARTITIONS
0522105 REPLACE FABRIC INT. PARTITIONS

0530000 INTERIOR DOORS
0531000 METAL DOORS
0531100 STEEL PAINTED INTERIOR DOORS
0531110 STEEL PAINTED INTERIOR DOOR
0531112 REPAIR STEEL PAINTED INTERIOR DOOR
0531114 REFINISH STEEL PAINTED INTERIOR DOOR
0531115 REPLACE STEEL PAINTED INTERIOR DOOR
0531116 REFIN.REPLCD. STEEL PAINTED INTER. DOOR
0531120 STEEL (W/SAFETY GLASS) PAINTD.INTER.DOORS
0531121 BRKN.GLS.RPLMT:STEEL(SAFETY)PNT.INT.DOOR
0531122 REPAIR STEEL (SAFETY GLS)PNT. INT. DOOR'
0531124 REFINISH STEEL (SAFETY GLS) PNT.INT.DOOR
0531125 REPLACE STEEL (W/SAFETY GLS)PNT.INT.DOOR
0531126 REFIN.REPLCD.STEEL(SAFE GLS)PNT.INT.DOOR
0531130 STEEL SLIDING (PAINTED) INTERIOR DOORS
0531132 REPAIR STEEL SLIDING PNTD. INTER. DOOR
0531134 REFINISH STEEL SLIDING PNTD. INTER. DOOR
0531135 REPLACE STEEL SLIDING PAINT. INTER. DOOR
0531136 REFIN.REPLCD.STEEL SLIDING PNTD.INT.DOOR
0531140 STEEL (INSULATED) PAINTED INTERIOR DOOR
0531141 BRKN.GLS.RPLMT:STEEL(INSUL)PNTD.INT.DOOR
0531142 REPAIR STEEL (INSUL) PNTD. INTERIOR DOOR
0531144 REFINISH STEEL (INSUL CORE)PNTD.INT.DOOR
0531145 REPLACE STEEL (INSUL.CORE)PNTD.INT.DOOR
0531146 REFIN.REPLCD.STEEL(INSL.CORE)PNT.INT.DR.
0531200 STEEL UNPAINTED INTERIOR DOORS
0531210 STEEL UNPAINTED INTERIOR DOOR
0531212 REPAIR STEEL UNPAINTED INTERIOR DOOR
0531215 REPLACE STEEL UNPAINTED INTERIOR DOOR
0531220 STEEL (W/SAFETY GLASS) INTERIOR DOORS
0531221 BRK.GLS.RPLMT:STEEL(SAFETY)UNPT.INT.DOOR
0531222 REPAIR STEEL (SAFETY GLS)UNPT.INTER.DOOR
0531225 REPLACE STEEL(SAFETY GLS)UNPNT.INT.DOOR
0531230 STEEL SLIDING UNPAINTED INTERIOR DOORS
0531232 REPAIR STEEL SLIDING UNPNTD. INTER.DOOR
0531235 REPLACE STEEL SLIDING UNPNT.INTER.DOOR
0531240 STEEL(INSULATED CORE)UNPAINT.INTER.DOOR
0531241 BRK.GLS.RPLMT:STEEL(INSL.GLS)UNPT.INT.DR
0531242 REPAIR STEEL (INSUL.CORE)UNPNTD.INT.DOOR
0531245 REPLACE STEEL(INSUL.CORE)UNPT.INT DOOR
0531300 ALUMINUM (PLAIN & ANODIZED) INTER.DOOR
0531310 ALUMINUM (PLAIN & ANODIZED)INTERIOR DOOR
0531312 REPAIR ALUMINUM (P & ANDZ)INTERIOR DOOR
0531315 REPLACE ALUMINUM (P & ANDZ)INTERIOR DOOR
0531320 ALUMINUM(W/SAFETY GLASS)PLN.&ANZD.INT.DR
0531321 BRKN.GLS.RPLMT:ALUMIN.(SAFE.GLS)INT. DR.
0531322 REPAIR ALUMINUM(SAFETY GLS) INTER. DOOR
0531325 REPLACE ALUMIN.(SAFETY GLS)P&ANDZ.INT.DR

CACES DESCRIPTION

0531330 ALUMINUM SLIDING(PL.&ANZD.)INTER. DOOR
0531331 BRKN.GLS.RPLMT:ALUMIN.SLIDING INTER.DOOR
0531332 REPAIR ALUMINUM SLIDING INTERIOR DOOR
0531335 REPLACE ALUMINUM SLIDING INTERIOR DOOR
0531340 ALUMINUM (WOOD CORE) PLN.&ANZD. INT.DOOR
0531341 BRKN.GLS.RPLMT:ALUM.(WOOD CORE)INT. DOOR
0531342 REPAIR ALUMINUM (WOOD CORE)INTER. DOOR
0531345 REPLACE ALUMINUM (WOOD CORE) INTER. DOOR
0531350 ALUMINUM (INSULATED CORE) P&AD. INT.DOOR
0531351 BRKN.GLS.RPLMT:ALUMIN.(INSUL.CORE)INT.DR
0531352 REPAIR ALUMINUM (INSL.CORE)P&AN.INT.DOOR
0531355 REPLACE ALUMINUM(INSL.CORE)P&AN.INT.DOOR
0532000 FULLY GLAZED DOORS
0532100 ALUMINUM FRAME INTERIOR DOOR
0532110 ALUMINUM FRAME INTERIOR DOOR
0532111 BRKN.GLS.RPLMT:ALUM.FULL-GLASS INT.DOOR
0532112 REPAIR ALUM.FULL-GLASS FRM.INTER.DOOR
0532115 REPLACE ALUMIN. FULL-GLASS FRMD.INT.DOOR
0532120 ALUMINUM FRAME SLIDING INTERIOR DOOR
0532121 BRK.GLS.RPLMT:ALUM.FULL-GLS.SLIDE.INT.DR
0532122 REPAIR ALUMIN.FULL-GLS.SLIDING INT. DOOR
0532125 REPLACE ALUMIN.FULL-GLS.SLIDING INT.DOOR
0532200 WOOD FRAME (PAINTED) INTERIOR DOOR
0532210 WOOD FRAME PAINTED INTERIOR DOOR
0532211 BRK.GLS.RPLMT:WOOD FULL-GLS.FRM.INT.DOOR
0532212 REPAIR WOOD FULL-GLS.FRAMED INTER. DOOR
0532214 REFINISH WOOD FULL-GLS.FRM.INTER.DOOR
0532215 REPLACE WOOD FULL-GLS.FRAMED INTER. DOOR
0532216 REFIN.REPLCD.WOOD FULL-GLS.FRM.INT. DOOR
0532220 WOOD FRAME PAINTED SLIDING INTERIOR DOOR
0532221 BRK.GLS.RPLMT:WOOD FUL-GLS.SLID.INT.DOOR
0532222 REPAIR WOOD FULL-GLS.FRM.SLIDING.INT.DR.
0532224 REFINISH WOOD FULL-GLS.SLIDING INT. DOOR
0532225 REPLACE WOOD FULL-GLS.FRM SLIDING INT.DR
0532226 REFIN.REPLCD.WOOD FULL-GLS.SLIDE INT.DR.
0533000 WOOD DOORS
0533100 HOLLOW CORE INTERIOR DOOR
0533110 HOLLOW CORE(PAINTED)INTERIOR DOOR
0533112 REPAIR HOLLOW CORE PAINTED INTERIOR DOOR
0533114 REFINISH HOLLOW CORE PAINTED INTER. DOOR
0533115 REPLACE HOLLOW CORE PNTD.INTERIOR DOOR
0533116 REFIN.REPLCD.HOLLOW CORE WOOD INTER.DOOR
0533120 HOLLOW CORE(PAINTED)SLIDING INTER. DOOR
0533122 REPAIR HOLLOW CORE SLIDING PNT.INTER.DR.
0533124 REFINISH HOLLOW CORE SLIDING INTER. DOOR
0533125 REPLACE HOLLOW CORE SLIDING PNT.INT.DOOR
0533126 REFIN.REPLCD.HOLLOW CORE SLIDING INT.DR.
0533200 SOLID CORE INTERIOR DOOR
0533210 SOLID CORE (PAINTED) INTERIOR DOOR
0533212 REPAIR SOLID CORE WOOD PAINT. INT.DOOR
0533214 REFINISH SOLID CORE PAINT.INTERIOR DOOR
0533215 REPLACE SOLID CORE PAINT.INTERIOR DOOR
0533216 REFINI.REPLCD.SOLID CORE PAINT.INT. DOOR
0533220 SOLID CORE (PAINTED) SLIDING INTER. DOOR
0533222 REPAIR SOLID CORE SLIDING PNT.INT. DOOR

CACES	DESCRIPTION
0533224	REFINISH SOLID CORE SLIDING PNT.INT.DOOR
0533225	REPLACE SOLID CORE SLIDING PNT.INT. DOOR
0533226	REFIN.REPLCD.SOLID CORE SLIDING INT.DOOR
0533230	SOLID CORE(W/SAFETY GLASS)(PNTD)INT.DOOR
0533231	BRKN.GLS.RPLMT:SOLID CORE(SAFETY)INT.DR.
0533232	REPAIR SOLID CORE (SAFETY)PAINT.INT.DOOR
0533234	REFINISH SOLID CORE(SAFETY)PAINT.INT.DR.
0533235	REPLACE SOLID CORE(SAFETY)PNT.INT. DOOR
0533236	REFIN.REPLCD.SOLID CORE(SAFETY)INT.DOOR
0534000	SPECIAL DOORS
0534100	BI-FOLD INTERIOR DOOR
0534110	PANELED DOOR
0534112	REPAIR PANELED (PAINTED) INTERIOR DOOR
0534113	REFINISH REPRD.PANELED INT.BI-FOLD DOOR
0534114	REFINISH PANELED (PAINTED) INTERIOR DOOR
0534115	REPLACE PANELED (PAINTED) INTERIOR DOORS
0534116	REFIN.REPLC.PANELED(PAINTED)INTER. DOOR
0534120	LOUVERED DOOR
0534122	REPAIR LOUVERED (PAINTED) INTERIOR DOORS
0534123	REFINISH REPRD.LOUVERED INT.BI-FOLD DOOR
0534124	REFINISH LOUVERED(PAINTED)INTERIOR DOOR
0534125	REPLACE LOUVERED (PAINTED) INTERIOR DOOR
0534126	REFIN.REPLC.LOVERED(PAINTED)INTER. DOOR
0534200	LOUVERED INTERIOR SPECIAL DOORS
0534210	ALUMINUM LOUVERED INTERIOR DOOR
0534212	REPAIR ALUMINUM LOUVERD INTERIOR DOOR
0534213	REFIN.REPRD.ALUMIN.LOUVERED INTER. DOOR
0534214	REFINISH ALUMINUM LOUVERED INTERIOR DOOR
0534215	REPLACE ALUMINUM LOUVERED INTERIOR DOOR
0534216	REFIN.REPLCD.ALUMIN.LOUVERED INTER.DOOR
0534220	STEEL LOUVERED INTERIOR DOOR
0534222	REPAIR STEEL LOUVER INTERIOR DOOR
0534223	REFIN.REPRD.STEEL LOUVER INTERIOR DOOR
0534224	REFINISH STEEL LOUVER INTERIOR DOOR
0534225	REPLACE STEEL LOUVERED INTERIOR DOOR
0534226	REFIN.REPLCD.STEEL LOUVER INTERIOR DOOR
0534230	WOOD LOUVERED INTERIOR DOORS
0534232	REPIAR WOOD LOUVER INTERIOR DOOR
0534233	REFIN.REPRD.WOOD LOUVER INTERIOR DOOR
0534234	REFINISH WOOD LOUVER INTERIOR DOOR
0534235	REPLACE WOOD LOUVER INTERIOR DOOR
0534236	REFIN.REPLCD.WOOD LOUVERED INTERIOR DOOR
0534300	SPECIAL SERVICE DOORS
0534310	STEEL VAULT DOOR
0534312	REPAIR STEEL VAULT INTERIOR DOOR
0534315	REPLACE STEEL VAULT INTERIOR DOOR
0534320	METAL WALK-IN INTERIOR COOLER DOOR
0534322	REPAIR METAL WALK-IN COOLER INTER. DOOR
0534325	REPLACE METAL WALK-IN COOLER INTER. DOOR
0534330	LEAD-LINED (WOOD) MEDICAL INTERIOR DOOR
0534332	REPAIR LEAD-LINED(WOOD)MEDICAL INT. DOOR
0534335	REPLACE LEAD-LINED (WOOD)MEDICAL INT.DR.
0534400	METAL MESH INTERIOR (METAL FABRIC) DOOR
0534410	METAL MESH PAINTED INTERIOR DOOR
0534412	REPAIR METAL MESH PAINTED INTERIOR DOOR

CACES	DESCRIPTION
0534414	REFINISH METAL MESH PAINT.INTERIOR DOOR
0534415	REPLACE METAL MESH PAINTED INTERIOR DOOR
0534416	REFIN.REPLCD.METAL MESH PAINT.INT.DOOR
0534420	METAL MESH INTERIOR UNPAINTED DOOR
0534422	REPAIR METAL WIRE MESH UNPAINTED DOOR
0534425	REPLACE METAL MESH UNPNTD.INTERIOR DOOR
0535000	ROLL-UP INTERIOR DOORS
0535100	STEEL SINGLE ROLL-UP INTERIOR DOOR
0535102	REPAIR STEEL SINGLE ROLL-UP INTER. DOOR
0535104	REFINISH STEEL SINGLE ROLL-UP INTER.DOOR
0535105	REPLACE STEEL SINGLE ROLL-UP INTER.DOOR
0535106	REFIN.REPLCD.STEEL SINGLE ROLL-UP INT.DR
0535200	STEEL DOUBLE ROLL-UP INTERIOR DOOR
0535202	REPAIR STEEL DOUBLE ROLL-UP INT. DOOR
0535204	REFINISH STEEL DOUBLE ROLL-UP INT. DOOR
0535205	REPLACE STEEL DOUBLE ROLL-UP INT.DOOR
0535206	REFIN.REPRD. STEEL DOUBLE ROLL-UP INT.DR
0535300	ALUMINUM SINGLE ROLL-UP INTERIOR DOOR
0535302	REPAIR ALUMINUM SINGLE ROLL-UP INT.DOOR
0535304	REFIN. ALUMINUM SINGLE ROLL-UP INT.DOOR
0535305	REPLACE ALUMINUM SINGLE ROLL-UP DOOR
0535306	REFIN.REPLCD.ALUM. SNGL.ROLL-UP INT.DOOR
0535400	ALUMINUM DOUBLE ROLL-UP INTERIOR DOOR
0535402	REPAIR ALUMINUM DOUBLE ROLL-UP INT.DOOR
0535404	REFINISH ALUMINUM DOUBLE ROLL-UP INT.DR.
0535405	REPLACE ALUMINUM DBL.ROLL-UP INTER.DOOR
0535406	REFIN.REPLCD.ALUMIN.DBL.ROLL-UP INT.DOOR
0535500	WOOD SINGLE ROLL-UP INTERIOR DOOR
0535502	REPAIR WOOD SINGLE ROLL-UP INTERIOR DOOR
0535504	REFINISH WOOD SINGLE ROLL-UP INT.DOOR
0535505	REPLACE WOOD SINGLE ROLL-UP INT. DOOR
0535506	REFIN.REPLCD.WOOD SNGL ROLL-UP INT.DOOR
0535600	WOOD DOUBLE ROLL-UP INTERIOR DOOR
0535602	REPAIR WOOD DOUBLE ROLL-UP INTER. DOOR
0535604	REFINISH WOOD DOUBLE ROLL-UP INT. DOOR
0535605	REPLACE WOOD DOUBLE ROLL-UP INTER.DOOR
0535606	REFIN.REPLCD.WOOD DBL.ROLL-UP INT. DOOR
0540000	INTERIOR WINDOWS
0541000	INTERIOR WINDOWS
0550000	FIREPLACES
0551000	CHIMNEY
0551100	CLAY BRICK CHIMNEY, FIREPLACE
0551102	REPAIR CLAY BRICK CHIMNEY - FIREPLACES
0551105	REPLACE CLAY BRICK CHIMNEY - FIREPLACES
0551200	CONCRETE CHIMNEY, FIREPLACE
0551202	REPAIR CONCRETE BRICK CHIMNEY- FIREPLACE
0551205	REPLACE CONCRETE BRICK CHIMNEY-FIREPLACE
0551300	STONE CHIMNEY, FIREPLACE
0551302	REPAIR STONE CHIMNEY - FIREPLACES
0551305	REPLACE STONE CHIMNEY - FIREPLACES
0551400	METAL PIPE CHIMNEY, FIREPLACES
0551402	REPAIR METAL PIPE CHIMNEY - FIREPLACES
0551405	REPLACE METAL PIPE CHIMNEY - FIREPLACES
0552000	MANTEL
0552100	WOOD MANTEL

CACES DESCRIPTION

0552102 REPAIR WOOD MANTEL - FIREPLACES
0552103 REFINISH REPAIRED WOOD MANTEL-FIREPLACE
0552104 REFINISH WOOD MANTEL - FIREPLACE
0552105 REPLACE WOOD MANTEL - FIREPLACE
0552106 REFINISH REPLACED WOOD MANTEL-FIREPLACE
0552200 CONCRETE MANTEL
0552202 REPAIR CONCRETE MANTEL - FIREPLACE
0552205 REPLACE CONCRETE MANTEL - FIREPLACE
0552300 STONE MANTEL
0552302 REPAIR STONE MANTEL - FIREPLACE
0552305 REPLACE STONE MANTEL - FIREPLACE
0553000 FINISHES
0553100 CLAY BRICK FINISH, FIREPLACE
0553102 REPAIR BRICK VENEER - FIREPLACE
0553103 REFINISH REPAIRED BRICK VENEER-FIREPLACE
0553104 REFINISH BRICK VENEER - FIREPLACE
0553105 REPLACE CLAY BRICK - FIREPLACES
0553106 REFIN.REPLC.CLAY BRICK VENEER-FIREPLACE
0553200 CONCRETE BRICK FINISH, FIREPLACE
0553202 REPAIR CONCRETE BRICK VENEER - FIREPLACE
0553203 REFIN.REPRD.CONC.BRICK VENEER-FIREPLACE
0553204 REFINISH CONCRETE BRICK VENEER-FIREPLACE
0553205 REPLACE CONCRETE BRICK VENEER-FIREPLACE
0553206 REIFN.REPLCD.CONC.BRICK VENEER-FIREPLACE
0553300 PLASTER FINISH, FIREPLACE
0553302 REPAIR PLASTER SURFACE - FIREPLACE
0553303 REFIN.REPAIR PLASTER SURFACE-FIREPLACE
0553304 REFINISH PLASTER SURFACE - FIREPLACE
0553305 REPLACE PLASTER SURFACE - FIREPLACE
0553306 REFIN.REPLCD.PLASTER SURFACE FIREPLACE
0553400 WOOD FINISH, FIREPLACE
0553402 REPAIR WOOD SURFACE - FIREPLACE
0553403 REFINISH REPAIRED WOOD SURFACE-FIREPLACE
0553404 REFINISH WOOD SURFACE - FIREPLACE
0553405 REPLACE WOOD SURFACE - FIREPLACE
0553406 REFINISH REPLACED WOOD SURFACE-FIREPLACE
0554000 FIREBRICK
0554100 FIREBRICK, FIREPLACE
0554102 REPAIR FIREBRICK - FIREPLACE
0554105 REPLACE FIREBRICK - FIREPLACE
0555000 FLUES, ARCHITECTURAL
0555100 BAKED CLAY FLUE, ARCHITECTURAL
0555105 REPLACE BAKED CLAY FLUE, ARCHITECT. FRPL
0555200 METAL PIPE FLUE, ARCHITECTURAL
0555202 REAPIR METAL PIPE FLUE, ARCHITECT.FIRPLC
0555205 REPLACE METAL PIPE FLUE, ARCHIT. FIRPLC.

0560000 INTERIOR ORNAMENTS
0561000 INTERIOR TRIM
0561100 WOOD TRIMMING
0561102 REPAIR WOOD TRIM - INTERIOR ORNAMENT
0561103 REFIN.REPRED.WOOD TRIM-INTERIOR ORNAMENT
0561104 REFINISH WOOD TRIM - INTERIOR ORNAMENT
0561105 REPLACE WOOD TRIM - INTERIOR ORNAMENT
0561106 REFIN.REPLCD.WOOD TRIM-INTERIOR ORNAMENT
0561200 METAL TRIMMING

CACES DESCRIPTION

0561202 REPAIR METAL TRIM - INTERIOR ORNAMENT
0561203 REFINISH REPAIRED METAL TRIM-INTER.ORNMT
0561204 REFINISH METAL TRIM - INTERIOR ORNAMENT
0561205 REPLACE METAL TRIM - INTERIOR ORNAMENT
0561206 REFIN.REPLC.METAL TRIM-INTERIOR ORNAMENT
0561300 TERRAZZO TRIMMING
0561302 REPAIR TERRAZZO TRIM - INTERIOR ORNAMENT
0561305 REPLACE TERRAZZO TRIM-INTERIOR ORNAMENT
0561400 CERAMIC TRIMMING
0561402 REPAIR CERAMIC TRIM - INTERIOR ORNAMENT
0561405 REPLACE CERAMIC TRIM - INTERIOR ORNAMENT
0561600 RUBBER / VINYL TRIMMING
0561602 REPAIR RUBBER TRIM - INTERIOR ORNAMENT
0561605 REPLACE RUBBER TRIM - INTERIOR ORNAMENT

0570000 INTERIOR STAIRS
0571000 RAILINGS
0571100 WOOD INTERIOR RAILINGS
0571102 REPAIR WOOD RAILING - INTERIOR STAIRS
0571103 REFINISH REPAIRED WOOD RAILING INT.STAIR
0571104 REFINISH WOOD RAILING - INTERIOR STAIR
0571105 REPLACE WOOD RAILING - INTERIOR STAIR
0571106 REFIN.REPLC.WOOD RAILING INTERIOR STAIR
0571200 METAL INTERIOR RAILINGS
0571202 REPAIR METAL RAILING - INTERIOR STAIR
0571203 REFIN.REPAIRED METAL RAILING INTER.STAIR
0571204 REFINISH METAL RAILING - INTERIOR STAIR
0571205 REPLACE METAL RAILING - INTERIOR STAIR
0571206 REFIN.REPLACED METAL RAILING INTER.STAIR
0571300 WROUGHT IRON INTERIOR STAIR RAILINGS
0571302 REPAIR WROUGHT IRON INTER. STAIR RAILING
0571303 REFIN.REPRD.WROUGHT IRON INT.STAIR RAIL.
0571304 REFINISH WROUGHT IRON INT.STAIR RAILING
0571305 REPLACE WROUGHT IRON INT.STAIR RAILING
0571306 REFIN.RILCD.WROUGHT IRON INT.STAIR RAIL.
0572000 INTERIOR STAIR STEPS
0572100 CONCRETE INTERIOR STEPS
0572102 REPAIR CONCRETE STEPS - INTERIOR STAIR
0572105 REPLACE CONCRETE STEPS - INTERIOR STAIR
0572200 WOOD INTERIOR STEPS
0572202 REPAIR WOOD STEPS -INTERIOR STAIR
0572203 REFIN.REPAIRED WOOD STEPS INTERIOR STAIR
0572204 REFINISH WOOD STEPS - INTERIOR STAIR
0572205 REPLACE WOOD STEPS - INTERIOR STAIR
0572206 REFIN.REPLACED WOOD STEPS INTERIOR STAIR
0572300 METAL INTERIOR STEPS
0572302 REPAIR METAL STEPS - INTERIOR STAIR
0572303 REFIN.REPARED.METAL STEPS INTERIOR STAIR
0572304 REFINISH METAL STEPS - INTERIOR STAIR
0572305 REPLACE METAL STEPS - INTERIOR STAIR
0572306 REFIN.REPLACD.METAL STEPS INTERIOR STAIR
0572400 MASONRY INTERIOR STEPS (UNPAINTED)
0572402 REPAIR MASONRY STEP UNPAINTED INT.STAIR
0572405 REPLACED MASONRY STEP UNPAINTD.INT.STAIR
0572500 MASONRY INTERIOR STEPS (PAINTED)
0572502 REPAIR MASONRY STEPS PAINTED INT.STAIR

CACES DESCRIPTION

0572503 REFIN.REPRED.MASONRY STEP PNTD.INT.STAIR
0572504 REFINISH MASONRY STEPS PAINTED INT.STAIR
0572505 REPLACE MASONRY STEPS PAINTED INT.STAIR
0572506 REFIN.REPLCD.MASONRY STEP PNTD INT.STAIR
0572600 CARPETED INTERIOR STEPS
0572602 REPAIR CARPETED STEPS INTERIOR STAIR
0572605 REPLACE CARPETED STEPS INTERIOR STAIR
0572700 RUBBER INTERIOR STEPS
0572702 MINOR REPAIRS TO RUBBER INT.STAIR STEPS
0572705 REPLACE RUBBER INTERIOR STAIR STEPS
0572800 TERRAZZO INTERIOR STEPS
0572802 MINOR REPAIRS TO TERAZZO INT.STAIR STEPS
0572805 REPLACE TERRAZZO INTER. STAIR STEPS

0580000 INTERIOR HARDWARE
0581000 HINGES
0581100 BRASS INTERIOR HINGES
0581105 REPLACE BRASS HINGE - INTERIOR HARDWARE
0582000 LOCKSET
0582100 BRASS INTERIOR LOCKSET
0582105 REPLACE BRASS LOCKSET -INTERIOR HARDWARE
0583000 DOOR CLOSER
0583100 BRASS INTERIOR DOOR CLOSER
0583105 REPLACE BRASS CLOSER - INTERIOR HARDWARE
0584000 DEAD BOLT
0584100 BRASS INTERIOR DEADBOLT
0584105 REPLACE BRASS DEADBOLT-INTERIOR HARDWARE
0585000 WEATHERSTRIPPING
0585100 BRASS INTERIOR WEATHERSTRIPPING
0585105 REPLACE BRASS WEATHER STRIPPING-INT.HDWR
0586000 EXIT BOLT (PANIC BAR)
0586100 METAL INTERIOR EXIT BOLT (PANIC BAR)
0586105 REPLACE METAL EXITBOLT-INTERIOR HARDWARE

0600000 INTERIOR FINISHES

0610000 WALL FINISHES
0611000 GYPSUM & PLASTER PRODUCTS
0611100 PLASTER WALL FINISH
0611102 REPAIR PLASTER WALL FINISHES
0611103 REFINISH REPAIRED PLASTER WALL FINISH
0611104 REFINISH PLASTER WALL FINISH
0611105 REPLACE PLASTER WALL FINISH
0611106 REFINISH REPLACED PLASTER WALL FINISH
0611200 SHEETROCK (STIPPLED) WALL FIN.
0611202 REPAIR SHEETROCK (STIPPLED) WALL FINISH
0611203 REFIN.REPAIRED.SHEETROCK(STIPD)WALL FIN.
0611204 REFINISH SHEETROCK(STIPPLED)WALL FINISH
0611205 REPLACE SHEETROCK(STIPPLED)WALL FINISH
0611206 REFIN.REPLACD.SHEETROCK(STIPLD)WALL FIN.
0611300 SHEETROCK (UNSTIPPLED) WALL FIN.
0611302 REPAIR SHEETROCK(UNSTIPPLED)WALL FINISH
0611303 REFIN.REPAIR.SHEETROCK(UNSTPLD)WALL FIN.
0611304 REFINISH SHEETROCK(UNSTPLD)WALL FINISH
0611305 REPLACE SHEETROCK(UNSTPL)WALL FINISH
0611306 REFIN.REPLAC.SHEETROCK(UNSTPLD)WALL FIN.
0611400 STUCCO INTERIOR WALL FINISH

CACES DESCRIPTION

0611402 REPAIR STUCCO INTERIOR WALL FINISH
0611403 REFIN.REPRD.STUCCO INTERIOR WALL FINISH
0611404 REFINISH STUCCO INTERIOR WALL FINISH
0611405 REPLACE STUCCO INTERIOR WALL FINISH
0611406 REFIN.REPLCD.STUCCO INTERIOR WALL FINISH
0612000 MASONRY & TILE PRODUCTS
0612100 CLAY BLOCK WALL FINISH
0612102 REPAIR CLAY BLOCK WALL FINISH
0612105 REPLACE CLAY BLOCK WALL FINISH
0612200 CLAY BLOCK (PAINTED WALL FINISH
0612202 REPAIR CLAY BLOCK (PAINTED) WALL FINISH
0612203 REFIN.REPAIR.CLAY BLOCK(PAINTD)WALL FIN.
0612204 REFINISH CLAY BLOCK (PAINTED)WALL FINISH
0612205 REPLACE CLAY BLOCK (PAINTED) WALL FINISH
0612206 REFIN.REPLACED CLAY BLOCK(PNTD)WALL FIN.
0612300 CONCRETE BLOCK WALL FINISH
0612302 REPAIR CONCRETE BLOCK WALL FINISH
0612305 REPLACE CONCRETE BLOCK WALL FINISH
0612400 CONCRETE BLOCK (PAINTED) WALL FINISH
0612402 REPAIR CONCRETE BLOCK(PAINTED)WALL FIN.
0612403 REFIN.REPAIRED.CONC.BLOCK(PNTD)WALL FIN.
0612404 REFINISH CONCRETE BLOCK(PAINTD)WALL FIN.
0612405 REPLACE CONCRETE BLOCK(PAINTED)WALL FIN.
0612406 REFIN.REPLACED CONC.BLOCK(PNTD)WALL FIN.
0612500 CLAY BRICK WALL FINISH
0612502 REPAIR CLAY BRICK WALL FINISH
0612505 REPLACE CLAY BRICK WALL FINISHS
0612600 CONCRETE BRICK WALL FINISH
0612602 REPAIR CONCRETE BRICK WALL FINISH
0612605 REPLACE CONCRETE BRICK WALL FINISH
0612700 FIREBRICK WALL
0612702 REPAIR FIREBRICK WALL FINISH
0612705 REPLACE FIREBRICK WALL FINISH
0612800 CERAMIC TILE WALL FIN.
0612802 REPAIR TILE WALL FINISH
0612805 REPLACE TILE WALL FINISHS
0612900 MASONITE INTERIOR WALL FINISH
0612902 REPAIR MASONITE INTERIOR WALL FINISH
0612903 REFIN.REPRD.MASONITE INTERIOR WALL FIN.
0612904 REFINISH MASONITE INTERIOR WALL FINISH
0612905 REPLACE MASONITE INTERIOR WALL FINISH
0612906 REFIN.REPLCD.MASONITE INTERIOR WALL FIN.
0612A00 GLAZED CONCR.MASON.UNIT INTER.WALL FIN.
0612A02 REPAIR GLAZED CMU. INTERIOR WALL FINISH
0612A05 REPLACE GLAZED CMU. INTERIOR WALL FINISH
0613000 LIQUID FINISHES
0614000 PAPER, PLASTIC & FABRIC
0614100 FORMICA INTERIOR WALL FIN.
0614102 REPAIR FORMICA WALL FINISH
0614105 REPLACE FORMICA WALL FINISH
0614200 NYLON INTERIOR WALL FIN.
0614202 REPAIR NYLON WALL FINISH
0614205 REPLACE NYLON WALL FINISH
0614300 POLYESTER INTERIOR WALL FIN.
0614302 REPAIR POLYESTER WALL FINISH

CACES	DESCRIPTION
0614305	REPLACE POLYESTER WALL FINISH
0614400	VINAL INTERIOR WALL FIN.
0614402	REPAIR VINYL WALL FINISH
0614405	REPLACE VINYL WALL FINISH
0614500	WALLPAPER INTERIOR WALL FIN.
0614502	REPAIR WALLPAPER WALL FINISH
0614505	REPLACE WALLPAPER WALL FINISH
0614700	FABRIC INTERIOR WALL FINISH
0614702	REPAIR FABRIC INTERIOR WALL FINISH
0614705	REPLACE FABRIC INTERIOR WALL FINISH
0614800	CARPETED INTERIOR WALL FINISH
0614802	REPAIR CARPETED INTERIOR WALL FINISH
0614805	REPLACE CARPETED INTERIOR WALL FINISH
0615000	WOOD INTERIOR WALL FINISH
0615100	PLYWOOD (PAINTED/STAINED) INT. WALL
0615102	REPAIR PLYWOOD(PAINTED)WALL FINISH
0615103	REFIN.REPAIRED PLYWOOD(PAINTED)WALL FIN.
0615104	REFINISH PLYWOOD(PAINTED)WALL FINISH
0615105	REPLACE PLYWOOD(PAINTED)WALL FINISH
0615106	REFIN.REPLACED PLYWOOD(PAINTED)WALL FIN.
0615200	PLYWOOD (UNPNTED/UNSTAINED) INT. WALL
0615202	REPAIR PLYWOOD(UNFINISHED)WALL FINISH
0615205	REPLACE PLYWOOD(UNFINISHED)WALL FINISH
0615300	TIMBER (FINISHED) INTERIOR WALL
0615302	REPAIR TIMBER(FINISHED)WALL FINISH
0615303	REFIN.REPAIRED TIMBER(FINISHED)WALL FIN.
0615304	REFINISH TIMBER(FINISHED)WALL FINISH
0615305	REPLACE TIMBER (FINISHED) WALL FINISH
0615306	REFIN.REPLACED TIMBER(FINISHED)WALL FIN.
0615400	TIMBER (UNFINSHED) INTERIOR WALL
0615402	REPAIR TIMBER (UNFINISHED) WALL FINISH
0615405	REPLACE TIMBER(UNFINISHED)WALL FINISH
0615500	PANEL (SOLID) INTERIOR WALL
0615502	REPAIR PANEL (SOLID) WALL FINISH
0615503	REFINISH REPAIRED PANEL(SOLID)WALL FIN.
0615504	REFINISH PANEL(SOLID)WALL FINISH
0615505	REPLACE PANEL(SOLID)WALL FINISH
0615506	REFINISH REPLACED PANEL(SOLID)WALL FIN.
0615600	PANEL (LAMINATED) INTERIOR WALL
0615602	REPAIR PANEL(LAMINATED)WALL FINISH
0615603	REFIN.REPAIRED PANEL(LAMINATED)WALL FIN.
0615604	REFINISH PANEL(LAMINATED)WALL FINISH
0615605	REPLACE PANEL (LAMINATED) WALL FINISH
0615606	REFIN.REPLACED PANEL(LAMINATED)WALL FIN.
0615700	BOARD (FINISHED) INTER. WALL
0615702	REPAIR BOARD (FINISHED) WALL FINISH
0615703	REFIN.REPAIRED BOARD(FINISHED)WALL FIN.
0615704	REFINISH BOARD (FINISHED) WALL FINISH
0615705	REPLACE BOARD (FINISHED) WALL FINISH
0615706	REFIN.REPLACED BOARD(FINISHED)WALL FIN.
0615800	BOARD (UNFINISHED) INTER. WALL
0615802	REPAIR BOARD (UNFINISHED) WALL FINISH
0615805	REPLACE BOARD(UNFINISHED)WALL FINISH
0615900	WAINSCOT INTERIOR WALL
0615902	REPAIR WAINSCOT WALL FINISH

CACES	DESCRIPTION
0615903	REFINISH REPAIRED WAINSCOT WALL FINISH
0615904	REFINISH WAINSCOT WALL FINISH
0615905	REPLACE WAINSCOT WALL FINISH
0615906	REFINISH REPLACED WAINSCOT WALL FINISH
0616000	METAL INTERIOR WALL FINISH
0616100	ALUMINUM INTERIOR WALL
0616105	REPLACE ALUMINUM WALL FINISH
0616200	STEEL INTERIOR FINISH (UNPAINTED)
0616202	REPAIR STEEL INT.FINISH(UNPNTD)WALL FIN.
0616205	REPLACE STEEL INT.FINISH(UNPNT)WALL FIN.
0616300	STEEL INTERIOR FINISH (PAINTED)
0616302	REPAIR STEEL INT.FINISH(PNTD)WALL FINISH
0616303	REFIN.REPRD.STEEL INT.FIN(PNTD)WALL FIN.
0616304	REFINISH STEEL INT.FINISH(PNTD)WALL FIN.
0616305	REPLACE STEEL INT.FINISH(PNTD)WALL FIN.
0616306	REFN.REPLCD.STEEL INT.FIN(PNTD)WALL FIN.
0616400	WIRE MESH WALL
0616402	REPAIR WIRE MESH WALL FINISH
0616403	REFINISH REPAIRED WIRE MESH WALL FINISH
0616404	REFINISH WIRE MESH WALL FINISH
0616405	REPLACE WIRE MESH WALL FINISH
0616406	REFINISH REPLACED WIRE MESH WALL FINISH
0616500	LEAD-LINED INTERIOR WALL
0616505	REPLACE LEAD-LINED INTERIOR WALL
0617000	GLASS
0617100	GLASS BLOCK INTERIOR WALL
0617102	REPAIR GLASS BLOCK WALL FINISH
0617105	REPLACE GLASS BLOCK WALL FINISH
0617200	PLATE GLASS INTERIOR WALL
0617202	REPAIR PLATE GLASS WALL FINISH
0617205	REPLACE PLATE GLASS WALL FINISH
0618000	FINISH PACKAGES
0619000	SPECIAL SURFACES
0619100	STONE INTERIOR WALL
0619102	REPAIR STONE WALL FINISH
0619105	REPLACE STONE WALL FINISH
0619200	ACOUSTICAL INTERIOR WALL TILE
0619202	REPAIR ACOUSTICAL TILE WALL FINISH
0619203	REFIN.REPAIRED ACOUSTICAL TILE WALL FIN.
0619204	REFINISH ACOUSTICAL TILE WALL FINISH
0619205	REPLACE ACOUSTICAL TILE WALL FINISH
0619206	REFIN.REPLACED ACOUSTICAL TILE WALL FIN.
0619300	CORK INTERIOR WALL TILE
0619302	REPAIR CORK TILE WALL FINISH
0619305	REPLACE CORK TILE WALL FINISH
0619400	ASBESTOS-ACOUSTICAL FIRE RATED TILE FIN.
0619402	REPAIR ASBESTOS-ACOUSTICAL FIRE RTD.TILE
0619403	REFIN.REPRD.ASBESTOS-ACOUST.RTD TILE FN.
0619404	REFINISH ASBESTOS-ACOUST.RTD.TILE FIN.
0619405	REPLACE ASBESTOS-ACOUST.RATED TILE FIN.
0619406	REFIN.REPLCD.ASBESTOS-ACOUST.RTD.TILE FN
0619500	FIBERGLASS PANEL INTERIOR WALL FINISH
0619502	REPAIR FIBERGLASS PANELS INTER.WALL FIN.
0619503	REFIN.REPRD.FIBRGLASS PANELS INT.WALL FN
0619504	REFINISH FIBERGLAS PANEL INTER.WALL FIN.

CACES DESCRIPTION

0619505 REPLACE FIBERGLASS PANEL INT.WALL FINISH
0619506 REFIN.REPLCD.FIBERGLS PNL INT.WALL FINS.
061A000 CONCRETE
061A100 CONCRETE, UNFINISHED INTERIOR WALL
061A102 REPAIR UNFINISHED CONCRETE WALL FINISH
061A105 REPLACE UNFINISHED CONCRETE WALL FINISH
061A200 CONCRETE, FINISHED INTERIOR WALL
061A202 REPAIR FINISHED CONCRETE WALL FINISH
061A204 REFINISH FINISHED CONCRETE WALL FINISH
061A205 REPLACE FINISHED CONCRETE WALL FINISH

0620000 FLOORING & FLOOR FINISHES
0621000 GYPSUM AND PLASTER PRODUCTS
0622000 MASONRY & TILE PRODUCTS
0622100 CERAMIC TILE FLOORING
0622101 MINOR REPAIRS TO CERAMIC TILE FLOOR
0622102 REPLACE CERAMIC TILE FLOOR
0622200 QUARRY TILE FLOORING
0622201 MINOR REPAIRS TO QUARRY TILE FLOOR
0622202 REPLACE QUARRY TILE FLOOR
0622300 BRICK FLOORING
0622301 MINOR REPAIRS TO BRICK FLOOR
0622302 REPLACE BRICK FLOORING
0622400 MARBLE FLOORING
0622401 MINOR REPAIRS TO MARBLE FLOOR
0622402 REPLACE MARBLE FLOOR
0623000 LIQUID FINISHES
0624000 PAPER, PLASTIC & FABRIC
0625000 WOOD FLOORING FINISHES
0625100 WOOD PARTWIETRY FLOORING
0625101 MINOR REPAIRS TO WOOD PARQUETRY FLOOR
0625102 SAND AND REFINISH PARQUETRY FLOOR
0625103 REPLACE WOOD PARQUETRY FLOOR
0625200 MAPLE FLOOR
0625201 MINOR REPAIRS TO MAPLE FLOOR
0625202 SAND AND REFINISH MAPLE FLOOR
0625203 REPLACE MAPLE FLOOR
0625300 PLYWOOD FLOOR
0625301 MINOR REPAIRS TO PLYWOOD FLOOR
0625302 REPLACE PLYWOOD FLOOR
0626000 METAL FLOOR FINISHES
0626100 STEEL FLOORING
0626101 MINOR REPAIRS TO STEEL FLOOR
0626102 REPLACE STEEL DECK FLOORING
0626200 METAL GRATING
0626201 MINOR REPAIRS TO METAL FLOOR GRATING
0626202 REPLACE METAL FLOOR GRATING
0627000 GLASS
0628000 FINISH PACKAGES
0629000 SPECIAL SURFACES
0629100 CARPET, FLOOR
0629101 MINOR REPAIRS TO CARPET
0629102 REPLACE CARPET
0629200 CORK TILE FLOORING
0629201 MINOR REPAIR TO CORK TILE FLOORING
0629202 REPLACE CORK TILE FLOORING

CACES DESCRIPTION

062A000 SYNTHETIC FLOORING FINISHES
062A100 LINOLEUM FLOORING
062A101 MINOR REPAIRS TO LINOLEUM FLOOR
062A102 REPLACE LINOLEUM FLOOR
062A200 VINYL ASBESTOS TILE FLOORING
062A201 MINOR REPAIRS TO VINYL ASB.TILE FLOORING
062A202 REPLACE VINYL ASBESTOS TILE FLOORING
062A300 RUBBER TILE FLOORING
062A301 MINOR REPAIRS TO RUBBER TILE FLOOR
062A302 REPLACE RUBBER TILE FLOORING
062A400 VINYL SHEET FLOORING
062A401 MINOR REPAIR VINYL SHEET FLOORING
062A402 REPLACE VINYL SHEET FLOORING
062B000 CONCRETE FLOORING FINISHES
062B100 CONCRETE, UNFINSHED FLOORING
062B101 MINOR REPAIRS TO CONCRETE FLOOR
062B102 REPLACE UNFINISHED CONCRETE FLOOR
062B200 CONCRETE, FINISHED FLOORING
062B201 MINOR REPAIRS TO FINISHED CONCRETE FLOOR
062B202 REFINISH CONCRETE FLOOR
062B203 REPLACE FINISHED CONCRETE FLOOR
062C000 *TERRAZZO FLOORING*
062C001 MINOR REPAIRS TO TERRAZZO FLOOR
062C002 REPLACE TERRAZZO FLOOR
062D000 BITUMINOUS FLOORING FINISHES
062D100 BITUMINOUS FLOORING
062D101 MINOR REPAIR TO BITUMINOUS FLOORING
062D102 REPLACE BITUMINOUS FLOORING

0630000 CEILINGS & CEILING FINISHES
0631000 GYPSUM AND PLASTER PRODUCTS
0631100 PLASTER CEILING
0631102 REPAIR PLASTER CEILING FINISH
0631103 *REFINISH REPAIRED PLASTER CEILING FINISH*
0631104 REFINISH PLASTER CEILING FINISH
0631105 REPLACE PLASTER CEILING FINISH
0631106 REFINISH REPLACED PLASTER CEILING FINISH
0631200 SHEETROCK (STIPPLED) CEILING
0631202 REPAIR SHEETROCK(STIPPLED)CEILING FINISH
0631203 REFIN.REPAIRED SHEETROCK(STIPLD)CLG.FIN.
0631204 REFINISH SHEETROCK(STIPPLED)CEILING FIN.
0631205 REPLACE SHEETROCK(STIPPLED)CEILING FIN.
0631206 REFIN.REPLACED SHEETROCK(STPLD)CLG.FIN.
0631300 SHEETROCK (UNSTIPPLED) CEILING
0631302 REPAIR SHEETROCK(UNSTIPPLED)CEILING FIN.
0631303 REFIN.REPRD.SHEETROCK(UNSTPLD)CEILG.FIN.
0631304 REFINISH SHEETROCK(UNSTIPPLED)CEILG.FIN.
0631305 REPLACE SHEETROCK(UNSTIPPLD)CEILING FIN.
0631306 REFIN.REPLCD.SHEETROCK(UNSTPLD)CLG.FIN.
0631400 STUCCO INTERIOR CEILING FINISH
0631402 REPAIR STUCCO INTERIOR CEILING FINISH
0631403 REFIN.REPRD. STUCCO INTERIOR CEILING FN.
0631404 REFINISH STUCCO INTERIOR CEILING FINISH
0631405 REPLACE STUCCO INTERIOR CEILING FINISH
0631406 REFIN.REPLCD.STUCCO INTER.CEILING FINISH
0632000 MASONRY & TILE PRODUCTS

CACES DESCRIPTION

0632100 ACOUSTICAL TILE CEILING
0632102 REPAIR ACOUSTIC TILE CEILING FINISH
0632105 REPLACE ACOUSTIC TILE CEILING FINISH
0632200 ACOUSTICAL TILE (DROPPED) CEILING
0632202 REPAIR ACOUSTIC TILE(DROPPD)CEILING FIN.
0632205 REPLACE ACOUSTIC TILE(DROPPED)CEILG.FIN.
0632300 CERAMIC PAN CEILING
0632302 REPAIR CERAMIC (PAN) CEILING FINISH
0632305 REPLACE CERAMIC (PAN) CEILING FINISH
0632400 CERAMIC TILE CEILING
0632402 REPAIR CERAMIC (TILE) CEILING FINISH
0632405 REPLACE CERAMIC (TILE) CEILING FINISH
0633000 LIQUID FINISHES
0634000 PAPER, PLASTIC & FABRIC
0634100 PAPER CEILING
0634102 REPAIR PAPER CEILING FINISH
0634105 REPLACE PAPER CEILING FINISH
0634200 PLASTIC CEILING
0634202 REPAIR PLASTIC CEILING FINISH
0634205 REPLACE PLASTIC CEILING FINISH
0634300 FABRIC CEILING
0634302 REPAIR FABRIC CEILING FINISH
0634305 REPLACE FABRIC CEILING FINISH
0634400 FORMICA CEILING FINISH
0634402 REPAIR FORMICA INT.CEILING FINISH
0634405 REPLACE FORMICA CEILING FINISH
0635000 WOOD
0635100 WOOD FINISHED CEILING
0635102 REPAIR WOOD (FINISHED) CEILING FINISH
0635103 REFIN.REPAIRD.WOOD(FINISHED)CEILING FIN.
0635104 REFINISH WOOD(FINISHED)CEILING FINISH
0635105 REPLACE WOOD(FINISHED)CEILING FINISH
0635106 REFIN.REPLCED.WOOD(FINISHED)CEILING FIN.
0635200 WOOD UNFINSHED CEILING
0635202 REPAIR WOOD (UNFINISHED) CEILING FINISH
0635205 REPLACE WOOD(UNFINISHED)CEILING FINISH
0636000 METAL CEILING FINISHES
0636100 METAL CEILING (PAINTED)
0636102 REPAIR ALUMINIUM PANEL CEILING FINISH
0636103 REFIN.REPRD.ALUMINIUM PANEL CEILING FIN.
0636104 REFINISH ALUMINIUM PANEL CEILING FINISH
0636105 REPLACE ALUMINIUM PANEL CEILING FINISH
0636106 REFIN.REPLCD.ALUMINIUM PANEL CEILG. FIN.
0636200 METAL UNPAINTED INT. CEILING FINISH
0636202 REPAIR METAL UNPAINTED CEILING FINISH
0636205 REPLACE METAL INT. CEILING FINISH
0637000 GLASS
0637100 PLATE GLASS (MOUNTED) CEILING
0637102 REPAIR PLATE GLASS (MOUNTED)CEILING FIN.
0637105 REPLACE PLATE GLASS(MOUNTED)CEILING FIN.
0637200 PLATE GLASS (SUSPENDED) CEILING FINISH
0637202 REPAIR PLATE GLASS(SUSPND)CEILING FINISH
0637205 REPLACE PLATE GLASS(SUSPND)CEILING FIN.
0637300 GLASS SKYLIGHTS
0637310 SINGLE GLASS SKYLIGHT UNITS

CACES DESCRIPTION

0637312 REPAIR SINGLE GLASS SKYLIGHT UNIT
0637315 REPLACE SINGLE GLASS SKYLIGHT UNIT
0637320 SKYLIGHT INTEGRATED W/STRUCTURE
0637322 REPAIR SKYLIGHT INTEGRATED W/STRUCTURE
0637325 REPLACE SKYLIGHT INTEGRATED W/STRUCTURE
0638000 FINISH PACKAGES
0639000 SPECIAL SURFACES
0639100 ACOUSTICAL TILE-SPECIAL PURPOSE
0639102 REPAIR SPECL.PURP.ACOUSTIC.TILE CLG.FIN.
0639105 REPLACE SPEC.PURP.ACOUSTIC.TILE CLG.FIN.
0639200 ACOUSTICAL TILE-TIME DESIGN RATED
0639202 REPAIR ACOUSTIC(FIRE RATED)TILE CLG.FIN.
0639205 REPLACE ACOUSTIC(FIRE RATE)TILE CLG.FIN.
0639300 ASBESTOS-ACOUSTICAL FIRE RATED TILE FIN.
0639302 REPAIR ASBETOS-ACOUST.FIRE RTD.TILE FIN.
0639303 REFIN.REPRD.ASBESTOS-ACOUST.RTD.TILE FIN
0639304 REFINISH ASBESTOS-ACOUST.RTD.TILE FIN.
0639305 REPLC.ASBESTOS-ACOUST.FIRE RTD.TILE FIN.
0639306 RFIN.RPLCD.ASBESTOS-ACOUST.RTD.TILE FIN.
0639400 FIBERGLASS PANEL CEILING FINISH
0639402 REPAIR FIBERGLASS PANEL CEILING FINISH
0639403 REFIN.REPRD.FIBERGLASS CEILING FINISH
0639404 REFINISH FIBERGLASS PANEL CEILING FINISH
0639405 REPLACE FIBERGLASS PANEL CEILING FINISH
0639406 REFIN.REPLCD.FIBERGLS.PANEL CEILING FIN.
063A000 CONCRETE CEILING FINISHES
063A100 CONCRETE, UNFINSHED CEILING
063A102 REPAIR (UNFINISHED)CONCRETE CEILING FIN.
063A105 REPLACE(UNFINISHED)CONCRETE CEILING FIN.
063A200 CONCRETE, FINISHED CEILING
063A202 REPAIR (FINISHED) CONCRETE CEILING FIN.
063A204 REFINISH (FINISHED)CONCRETE CEILING FIN.
063A205 REPLACE (FINISHED) CONCRETE CEILING FIN.

0800000 PLUMBING

0810000 SANITARY SYSTEM
0811000 FIXTURES
0811100 TANKLESS WATER CLOSET
0811101 REPLACE FLUSH VALVE-TANKLESS WATER CLOST
0811102 UNPLUG CLOGGED LINE-TANKLESS WATER CLOST
0811103 REPLACE TNAKLESS WATER CLOSET
0811200 FLUSH TANK WATER CLOSET
0811201 UNPLUG CLOGGED LINE-FLUSH TANK WTR CLOST
0811202 REPL WASHER IN BALL COCK-FLH TANK WTR CL
0811203 REPL WORN PARTS IN FLUSH TANK WATER CLOS
0811204 INSTLL GASKET IN SPUD CONNECT-FLH TK WTR
0811205 REPLACE FLUSH TANK WATER CLOSET
0811300 URINAL
0811301 REPLACE FEESH VALVE - URINAL
0811302 UNPLUG LINE - URINAL
0811303 REPLACE URINAL
0811400 LAVATORY, IRON, ENAMEL
0811401 REPL WASHER IN SPUD CONNECT-LAV IRON EML
0811402 REPLACE WASHER IN FAUCET-IRON, ENAMEL L
0811403 REPLACE SUPPORT RODS-IRON, ENAMEL L

CACES	DESCRIPTION
0811404	REPLACE FAUCETS - IRON, ENAMEL LAVATORY
0811405	CLEAN OUT STRAINER AND P TRAP-IRON,ENAML
0811406	REPLACE LAVATORY - IRON, ENAMEL
0811500	LAVATORY, VITREOUS CHINA
0811501	REPLACE WASHER IN SPUD CONNECTION-VIT CH
0811502	REPLACE WASHER IN FAUCET-VITR CHINA L
0811503	REPLACE SUPPORT RODS-VITREOUS CHINA L
0811504	REPLACE FAUCETS-VITREOUS CHINA LAVATORY
0811505	CLEAN OUT STRAINER AND P TRAP-VITR CHINA
0811506	REPLACE LAVATORY - VITREOUS CHINA
0811600	LAVATORY, ENAMELED STEEL
0811601	REPLACE WASHER IN SPUD CONNECTION-EN ST
0811602	REPLACE WASHER IN FAUCET-ENAMELED STEEL
0811603	REPLACE SUPPORT RODS-ENAMELED STEEL L
0811604	REPLACE FAUCETS-ENAMELED STEEL LAVATORY
0811605	CLEAN OUT STRAINER AND P TRAP-EN ST LA
0811606	REPLACE LAVATORY - ENAMELED STEEL
0811700	BATH TUB, CAST IRON
0811701	INSP/CLEAN SHOWER HEAD-BATH TUB,CAST IRN
0811702	REPLACE FAUCET WASHER-BATH TUB,CAST IRON
0811703	REPLACE FAUCETS-BATH TUB, CAST IRON
0811704	RESEAL BATH TUB, CAST IRON
0811705	REPAIR DIVERTER VALVE-BATH TUB, CAST ION
0811706	UNSTOP-BATH TUB, CAST IRON
0811707	REPLACE TUB-BATH TUB, CAST IRON
0811800	BATH TUB, ENAMELED STEEL
0811801	INSPECT/CLEAN SHOWER HEAD-ENAMEL STL TUB
0811802	REPLACE FAUCET WASHER-ENAMEL STL TUB
0811803	REPLACE FAUCETS-ENAMEL STL BATH TUB
0811804	RESEAL - BATH TUB, ENAMELED STEEL
0811805	REPAIR DIVERTER VALVE-ENAMEL ST BATH TUB
0811806	UNSTOP - ENAMELED STEEL BATH TUB
0811807	REPLACE TUB - ENAMELED STEEL BATH TUB
0811900	SHOWER, TERRAZO
0811901	INSPECT/CLEAN SHOWER HEAD - TERRAZO
0811902	REPLACE FAUCET WASHER - TERRAZO SHOWER
0811903	REPLACE FAUCETS - TERRAZO SHOWER
0811904	RESEAL - TERRAZO SHOWER
0811905	UNSTOP - TERRAZO SHOWER
0811906	REPLACE SHOWER - TERRAZO
0811A00	SHOWER, ENAMELED STEEL
0811A01	INSPECT/CLEAN SHOWER HEAD - ENAMEL STEEL
0811A02	REPLACE FAUCET WASHER - ENAMELED STEEL
0811A03	REPLACE FAUCETS - ENAMELED STEEL
0811A04	RESEAL - ENAMELED STEEL SHOWER
0811A05	UNSTOP - ENAMELED STEEL SHOWER
0811A06	REPLACE SHOWER - ENAMELED STEEL
0811B00	SHOWER, PLASTIC
0811B01	INSPECT/CLEAN SHOWER HEAD-PLASTIC SHOWER
0811B02	REPLACE FAUCET WASHER - PLASTIC SHOWER
0811B03	REPLACE FAUCETS - PLASTIC SHOWER
0811B04	RESEAL - PLASTIC SHOWER
0811B05	UNSTOP - PLASTIC SHOWER
0811B06	REPLACE SHOWER AND FITTINGS-PLASTIC SH
0811C00	SHOWER, ALUMINUM

CACES	DESCRIPTION
0811C01	INSPECT/CLEAN SHOWER HEAD-ALUMINUM SHOWR
0811C02	REPLACE FAUCET WASHER-ALUMINUM SHOWER
0811C03	REPLACE FAUCETS - ALUMINUM SHOWER
0811C04	RESEAL - ALUMINUM SHOWER
0811C05	UNSTOP - ALUMINUM SHOWER
0811C06	REPLACE SHOWER AND FITTINGS-ALUMINUM SH
0811D00	SINK, IRON ENAMEL
0811D01	REPLACE FAUCET WASHER -IRON ENAMEL SINK
0811D02	CLEAN TRAP-IRON ENAMEL SINK
0811D03	REPLACE FAUCETS - IRON ENAMEL SINK
0811D04	UNSTOP - IRON ENAMEL SINK
0811D05	REPAIR STRAINER - IRON ENAMEL SINK
0811D06	REPLACE SINK - IRON ENAMEL SINK
0811E00	SINK, ENAMELED STEEL
0811E01	REPLACE FAUCET WASHER-ENAMELED STL SINK
0811E02	CLEAN TRAP - ENAMELED STEEL SINK
0811E03	REPLACE FAUCETS - ENAMELED STEEL SINK
0811E04	UNSTOP - ENAMELED STEEL SINK
0811E05	REPAIR STRAINER - ENAMELED STEEL SINK
0811E06	REPLACE SINK - ENAMELED STEEL
0811F00	SINK, STAINLESS STEEL
0811F01	REPLACE FAUCET WASHER-STAINLESS STL SINK
0811F02	CLEAN TRAP - STAINLESS STEEL SINK
0811F03	REPLACE FAUCETS - STAINLESS STEEL SINK
0811F04	UNSTOP - STAINLESS STEEL SINK
0811F05	REPAIR STRAINER - STAINLESS STEEL SINK
0811F06	REPLACE SINK - STAINLESS STEEL
0811G00	SINK, PLASTIC
0811G01	REPLACE FAUCET WASHER - PLASTIC SINK
0811G02	CLEAN TRAP - PLASTIC SINK
0811G03	REPLACE FAUCETS - PLASTIC SINK
0811G04	UNSTOP - PLASTIC SINK
0811G05	REPAIR STRAINER - PLASTIC SINK
0811G06	REPLACE SINK AND FITTINGS-PLASTIC SINK
0811H00	DRINKING FOUNTAIN
0811H01	CHECK/MINOR REPAIRS - DRINKING FOUNTAIN
0811H02	REPAIR INTERNAL LEAKS-DRINKING FOUNTAIN
0811H03	CORRECT WATER PRESSURE-DRINKING FOUNTAIN
0811H04	REPLACE FREON - DRINKING FOUNTAIN
0811H05	REPAIR DRAIN LEAK - DRINKING FOUNTAIN
0811H06	UNSTOP DRAIN - DRINKING FOUNTAIN
0811H07	REPLACE FOUNTAIN
0811I00	SPIGOT
0811I01	REPACK GLAND-SPIGOT
0811I02	REPL OLD VALVE WITH NEW,PARTIAL-SPIGOT
0811J00	BATHTUB, PLASTIC
0811J01	INSPECT/CLEAN SHWR HEAD-BATHTUB,PLASTIC
0811J02	REPLACE FAUCET WASHER-BATHTUB, PLASTIC
0811J03	REPLACE FAUCETS-BATHTUB, PLASTIC
0811J04	RESEAL BATHTUB, PLASTIC
0811J05	REPAIR DIVERTER VALVE-BATHTUB, PLASTIC
0811J06	UNSTOP BATHTUB, PLASTIC
0811J07	REPLACE BATHTUB, PLASTIC
0811K00	LAVATORY, PLASTIC
0811K01	REPL WASHER IN SPUD CONNECT-LAVTRY,PLAST

CACES	DESCRIPTION
0811K02	REPL WASHR IN FAUCET, LAVATORY, PLASTIC
0811K03	REPLACE SUPPORT RODS, LAVATORY, PLASTIC
0811K04	REPLACE FAUCETS, LAVATORY, PLASTIC
0811K05	CLEAN OUT STRAINR & P TRAP, LAV, PLASTIC
0811K06	REPLACE LAVATORY, PLASTIC
0811L00	EMERGENCY SHOWER STATION
0811L01	REPACK VALVE GLANDS-EMERG SHWR STATION
0811L02	INSP & CLEAN SHWR HEAD-EMERG SHWR STA
0811L03	REPLACE SHOWER-EMERGENCY SHOWER STATION
0811N00	EMERGENCY EYE WASH
0811N01	REPACK VALVE GLANDS-EMERG EYE WASH
0811N02	INSP & CLEAN SPRAY HEADS-EMERG EYE WASH
0811N03	REPLACE EYE WASH STATION-EMERG EYE WASH
0811N00	SHOWER, CMU
0811N01	INSPEC/CLEAN SHOWER HEAD, SHOWER, CMU
0811N02	REPLACE FAUCET WASHER-SHOWER CMU
0811N03	REPLACE FAUCETS-SHOWER, CMU
0811N04	RESEAL-SHOWER, CMU
0811N05	UNSTOP - SHOWER, CMU
0811N06	REPLACE SHOWER-SHOWER,CPU
0811P00	SHOWER GLAZED CMU
0811P01	INSP/CLEAN SHOWER HEAD-SHOWER GLAZED CU
0811P02	REPLACE FAUCET WASHER-SHOWER GLAZED CMU
0811P03	REPLACE FAUCETS-SHOWER GLAZED CMU
0811P04	RESEAL-SHOWER GLAZED CMU
0811P05	UNSTOP - SHOWER GLZED CMU
0811P06	REPLACE SHOWER-SHOWER GLAZED CMU
0811R00	SHOWER, CERAMIC TILE
0811R01	INSP/CLEAN SHWR HEAD-SHWR CERAMIC TILE
0811R02	REPL FAUCET WASHER-SHWR CERAMIC TILE
0811R03	REPLACE FAUCETS-SHOWER CERAMIC TILE
0811R04	RESEAL-SHOWER CERAMIC TILE
0811R05	UNSTOP - SHOWER CERAMIC TILE
0811R06	REPLACE SHOWER - SHOWER CERAMIC TILE
0812000	WASTE & VENT
0812100	PIPE & FITTINGS
0812101	UNCLOG FLOOR DRAIN - PIPE & FITTINGS
0812102	UNCLOG MAIN DRAIN - PIPE & FITTINGS
0812103	REPLACE PIPE & FITTINGS
0812200	FLOOR DRAIN, WITHOUT BUCKET
0812201	CLEAN DRAIN - FLOOR, WITHOUT BUCKET
0812202	REPLACE STRAINER-FL DRAIN, WITHOUT BUCKT
0812203	REPLACE FLOOR DRAIN- WITHOUT BUCKET
0812300	FLOOR DRAIN, WITH BUCKET
0812301	CLEAN OUT BUCKET - FLOOR DRAIN
0812302	REPLACE STRAINER-FL DRAIN, WITH BUCKET
0812303	REPLACE FLOOR DRAIN - WITH BUCKET
0812400	PIPE AND FITTINGS, PVC
0812401	UNCLOG FLOOR DRAIN,PIPE & FITTING, PVC
0812402	UNCLOG MAIN DRAIN-PIPE & FITTING, PVC
0812403	REPLACE PIPE AND FITTINGS, PVC
0813000	COLD WATER
0813100	PIPE & FITTINGS, STEEL OR CAST IRON
0813101	INSTALL NEW GASKET-PIPE&FITTINGS,STL,IRN
0813102	REPLACE 10' SECTION-PIPE&F,STL,CAST IRON

CACES	DESCRIPTION
0813103	REPLACE PIPE AND FITTINGS-STL, CAST IRON
0813200	PIPE & FITTINGS, COPPER
0813201	RESOLDER JOINT-PIPE & FITTINGS, COPPER
0813202	INSTALL 10' SECTION-PIPE & F, COPPER
0813203	REPLACE PIPE AND FITTINGS - COPPER
0813300	VALVE, NON-DRAIN 3/8" - 1 1/2"
0813301	REPACK GLAND-VALVE,NON-DRAIN 3/8"-1 1/2"
0813302	INSTALL NEW VALVE- NON-DRAIN 3/8"-1 1/2"
0813400	VALVE, NON-DRAIN 2"-3"
0813401	REPACK GLAND-VALVE, NON-DRAIN 2"-3"
0813402	INSTALL NEW VALVE - NON-DRAIN 2"-3"
0813500	VALVE, NON-DRAIN 4"-6"
0813501	REPACK GLAND- VALVE, NON-DRAIN 4"-6"
0813502	INSTALL NEW VALVE - NON-DRAIN 4"-6"
0813600	VALVE, DRAIN
0813601	REPACK GLAND - DRAIN VALVE
0813602	REPLACE VALVE STEM ASSEMBLY-DRAIN VALVE
0813603	INSTALL NEW VALVE - DRAIN
0813700	EXPANSION CHAMBER
0813701	REFILL EXPANSION CHAMBER
0813702	INSTALL NEW EXPANSION CHAMBER
0813800	WATER METER
0813801	OVERHAUL WATER METER
0813802	INSTALL NEW WATER METER
0813900	INSULATION, PIPE
0813901	REPAIR BROKEN PIPE INSULATION-COLD WATER
0813902	INSTALL NEW PIPE INSULATION-COLD WATER
0813A00	CIRCULATOR PUMP 1 1/2 HP
0813A01	OVERHAUL 1 1/2HP PUMP, REPL SEALS - COLD
0813A02	INSP/CHK1 1/2HP PUMP/MOTOR OPER,LUBR-COD
0813A03	REPLACE PUMP/MOTOR ASSEMBLY,1 1/2 HP-CLD
0813B00	CIRCULATOR PUMP 1/6 HP
0813B01	OVERHAUL 1/6HP PUMP, REPLACE SEALS-COLD
0813B02	INSP/CHK 1/6HP PUMP/MOTOR OPER,LUB-COLD
0813B03	REPLACE 1/6HP PUMP/MOTOR ASSEMBLY-COLD
0813C00	CIRCULATOR PUMP 1/2 HP
0813C01	OVERHAUL 1/2HP PUMP,REP SEAL BEARIN-COLD
0813C02	INSP/CHK 1/2HP PUMP/MOTOR OP,LUBR-COLD
0813C03	REPLACE 1/2HP PUMP/MOTOR ASSEMBLY-COLD
0813D00	PIPE AND FITTINGS, PVC
0813D01	REGLUE JOINT-PIPE AND FITTINGS, PVC
0813D02	INSTALL 10'SECTION,PIPE - FITTING, PVC
0813D03	REPLACE PIPE - PIPE & FITTING, PVC
0813E00	HOSE BIBB
0813E01	REPACK GLAND-HOSE BIBB
0813E02	REPL OLD VALVE,PARTIAL- HOSE BIBB
0813F00	CIRCULATION PUMP GREATER THAN 1 HP
0813F01	OVRHL PUMP,REPL SEAL/BRNGS-CIRC PUMP>1HP
0813F02	PREV MAINT-CIRC PUMP >1 HP
0813F03	REPLACE MOTOR-PUMP ASSEMBLY > 1HP
0814000	HOT WATER
0814100	PIPE & FITTINGS, STEEL OR CAST IRON
0814101	INSTALL NEW GASKET-PIPE&F, STL, CAST IRN
0814102	INSTALL 10' SECTION-PIPE&F,STL,CAST IRON
0814103	REPLACE PIPE AND FITTINGS-STL, CAST IRON

CACES DESCRIPTION

0814200 PIPE & FITTINGS, COPPER
0814201 RESOLDER JOINT-PIPE&FITTINGS, COPPER
0814202 INSTALL 10'SECTION-PIPE&F, COPPER
0814203 REPLACE PIPE AND FITTINGS - COPPER
0814300 VALVE, NON DRAIN 3/8"-1 1/2"
0814301 REPACK GLAND-VALVE,NON-DRAIN 3/8"-1 1/2"
0814302 INSTALL NEW VALVE-NON DRAIN 3/8"-1 1/2"
0814400 VALVE, NON DRAIN 2"-3"
0814401 REPACK GLAND - VALVE, NON DRAIN 2"-3"
0814402 INSTALL NEW VALVE, NON DRAIN 2"-3"
0814500 VALVE, NON DRAIN 4"-6"
0814501 REPACK GLAND -VALVE NON DRAIN 4-6"
0814502 INSTALL NEW VALVE, NON DRAIN 4"-6"
0814600 VALVE, DRAIN
0814601 REPACK GLAND - VALVE DRAIN
0814602 REPLACE VALVE STEM ASSEMBLY
0814603 INSTALL NEW VALVE, DRAIN
0814700 EXPANSION CHAMBER
0814701 REFILL EXPANSION CHAMBER
0814702 INSTALL NEW EXPANSION CHAMBER
0814800 INSULATION, PIPE
0814801 REPAIR BROKEN PIPE INSULATION-HOT PIPE
0814802 INSTALL NEW PEPE INSULATION-HOT WATER
0814900 CIRCULATOR PUMP, 1 1/2 HP
0814901 OVERHAUL 1 1/2HP PUMP,REPL SEALS-HOT WTR
0814902 INSP/CHK 1 1/2HP PUMP/MOTOR OP,LUBR-HOT
0814903 REPL 1 1/2HP PUMP/MOTOR ASSEMBLY-HOT
0814A00 CIRCULATOR PUMP, 1/6 HP
0814A01 OVERHAUL 1/6HP PUMP, REPL SEALS - HOT
0814A02 INSP/CHK 1/6HP PUMP/MOTOR OPER, LUBR-HOT
0814A03 REPLACE 1/6HP PUMP/MOTOR ASSEMBLY - HOT
0814B00 CIRCULATOR PUMP, 1/2 HP
0814B01 OVERHAUL 1/2HP PUMP, REPL SEAL- HOT WATR
0814B02 INSP/CHK 1/2HP PUMP/MOTOR OPER,LUBR- HOT
0814B03 REPLACE 1/2HP PUMP/MOTOR ASSEMBLY - HOT
0814C00 STEAM CONVERTOR, DOMESTIC HOT WATER
0814C01 REPAIR STEAM LEAK-STERM CONVERTOR,DOMEST
0814C02 INSEPCT FOR LEAKS-STEAM CONVERTOR, DOMES
0814C03 REPLACE STEAM CONVERTOR-DOMESTIC HOT WTR
0814D00 HOT WATER HTR, GAS/OIL 30 GAL
0814D01 REPAIR HOT WATER HTR. GAS/OIL 30 GAL.
0814D02 CLN & SERV-HOT WATER HTR,GAS/OIL 30 GAL
0814D03 REPLACE HOT WATER HEATER, GAS/OIL 30 GAL
0814E00 HOT WATER HTR, GAS/OIL 75 GAL
0814E01 OVERHAUL WATER HTR, GAS/OIL 75 GAL
0814E02 CLEAN &SERVICE HOT WATER HTR,GAS/OIL 75G
0814E03 REPLACE HOT WATER HEATER, GAS/OIL 75 GAL
0814F00 HOT WATER HTR, GAS/OIL 1000 GPH RECOVERY
0814F01 MINOR REPAIRS,ADJUST-HOT WTR HTR,G/O1000
0814F02 CLEAN & SERVICE-HOT WAT HTR,G/O 1000 GPH
0814F03 REPLACE HOT WATER HEATER, G/O 1000 GPH
0814G00 HOT WATER HTR, GAS/OIL 8-120GPH RECOVERY
0814G01 OVERHAUL HOT WATER HEATER 8-120GPH RECV.
0814G02 CHECK OPERATION AND CLEAN, 8-120GPH REC
0814G03 REPLACE HEATER, G/O 8-120GPH RECOVER

H25

CACES DESCRIPTION

0814H00 HOT WATER HEATER ELEC. 120 GAL.
0814H01 DRAIN AND FLUSH HOT WATER HTR.ELEC 120 G
0814H02 CHECK OPERATION-HOT WATER HTR.ELEC 120 G
0814H03 REPLACE HOT WATER HEATER ELEC 120 GAL
0814I00 HOT WATER HEATER ELEC. 300 GAL.
0814I01 DRAIN AND FLUSH HOT WATER HTR.ELEC 300 G
0814I02 CHECK OPERATION-HOT WATER HTR.ELEC 300 G
0814I03 REPLACE HOT WATER HEATER ELEC 300 GAL
0814J00 HOT WATER HEATER ELEC. 1000 GAL.
0814J01 DRAIN & FLUSH HOT WATER HTR.ELEC 1000 G
0814J02 CHECK OPERATION-HOT WATER HTR.ELEC1000 G
0814J03 REPLACE HOT WATER HEATER ELEC 1000 GAL
0814K00 HOT WATER HEATER ELEC. 2000 GAL.
0814K01 DRAIN &FLUSH HOT WATER HTR.ELEC 2000 GAL
0814K02 CHECK OPERATION-HOT WATER HTR.ELEC 2000G
0814K03 REPLACE HOT WATER HEATER ELEC 2000 GAL
0814L00 HOT WATER HEATER ELEC. 52 GAL.
0814L01 DRAIN & FLUSH-HOT WAT HEAT ELECT, 52 GAL
0814L02 CHECK OPER. HOT WATER HEAT ELECT 52 GAL
0814L03 REPLACE HOT WATER HEATER, ELECT. 52 GAL
0814M00 HOT WATER STORAGE TANK, DHW
0814M01 CLEAN & SCRAPE HOT WTR STORAGE TANK, DHW
0814M02 REPLACE HOT WATER STORAGE TANK, DHW
0814N00 HOT WATER PIPE/FITTINGS PVC.
0814N01 REGLUE JOINT-PIPE/FITTINGS,PVC-HOT WATER
0814N02 INST 10'SECTION-PIPE/FITTINGS, PVC-HOT
0814N03 REPLACE PIPE-PIPE/FITTINGS, PVC -HOT
0814O00 CIRCULATION PUMP > 1 HP.
0814O01 OVERHAUL PUMP - REPL BEARING,SEAL > 1HP
0814O02 INSP-CHK PUMP/MOTOR OPER/ALIGN >1HP, HOT
0814O03 REPLACE PUMP/MOTOR ASSEMBLY > 1HP - HOT

0820000 RAIN WATER
0821000 FIXTURES, RAIN WATER
0821100 DRAIN, ROOF SCUPPER, AREA
0821101 GENERAL MAINT&REP-DRAIN,ROOF SCUPPER,ARE
0821103 REPLACE DRAIN, ROOF SCUPPER, AREA
0822000 DRAINAGE, RAIN WATER
0822100 DISTRIBUTION, GUTTERS, PIPE
0822101 GENERAL MAINT & REPAIR-GUTTERS OR PIPE
0822102 REPLACE PIPE OR GUTTER
0823000 DRAINAGE, WATER SEEPAGE
0823100 SUMP PUMP
0823101 OVERHAUL SUMP PUMP, REPL SEAL/BEARING
0823102 INSP./CHK PUMP/MOTOR OPER.,CHK ALIGN.
0823103 REPL PUMP/MOTOR ASSEM, PARTIAL-SUMP PUMP

0830000 SPECIAL PLUMBING SYSTEM
0831000 COMPRESSED AIR
0831100 SIMPLE COMPRESSED AIR
0831110 1 H.P.
0831111 CHECK AND ADJUST COMPRESSOR - 1H.P
0831112 REPAIR COMPRESSOR - 1 H.P.
0831113 REPLACE COMPRESSOR - 1 H.P.
0831120 VACUUM PUMP
0831121 OVERHAUL VACUUM PUMP
0831122 CHECK OPERATION, VACUUM PUMP

CACES DESCRIPTION

0831123 REPLACE VACUUM PUMP
0831130 GAS COMPRESSOR > 1/2 HP
0831131 CHECK AND ADJUST GAS COMPRESSOR >1/2 HP
0831132 REPAIR GAS COMPRESSOR > 1/2 HP
0831133 REPLACE GAS COMPRESSOR > 1/2 HP
0831140 GAS COMPRESSOR > 15 HP
0831141 CHECK AND ADJUST GAS COMPRESSOR > 15 HP
0831142 REPAIR GAS COMPRESSOR > 15 HP
0831143 REPLACE GAS COMPRESSOR > 15 HP
0831150 COMPRESSED AIR DRYER
0831151 RECHARGE SYSTEM-COMPRESSED AIR DRYER
0831152 REPLACE COMPRESSOR-COMPRESSED AIR DRYER
0831153 CHECK OPERATION-COMPRESSED AIR DRYER
0831154 REPLACE COMPRESSED AIR DRYER
0831200 HOSE, COMPRESSED AIR
0831210 RUBBER
0831211 REPLACE RUBBER HOSE, COMPRESSED AIR
0831300 PIPE AND FITTINGS FOR COMPRESSED AIR
0831310 METAL PIPE
0831311 GENERAL MAINT-METAL PIPE FOR COMPR AIR
0831312 REPLACE METAL PIPE AND FITTINGS,10 FT.
0831313 REPLACE METAL PIPE AND FITTINGS
0832000 INDUSTRIAL GASES
0832100 SIMPLE GAS COMPRESSER
0832110 1 H.P.
0832111 CHECK AND ADJUST GAS COMPRESSER 1H.P.
0832112 REPAIR GAS COMPRESSER - 1 H.P.
0832113 REPLACE GAS COMPRESSER - 1 H.P.
0832200 HOSE, INDUSTRIAL GAS
0832210 RUBBER
0832211 REPLACE RUBBER HOSE - INDUSTRIAL GAS
0832300 PIPE AND FITTINGS FOR INDUST. GAS
0832310 METAL PIPE
0832311 GENERAL MAINT METAL PIPE - INDUST. GAS
0832312 REPL METAL PIPE&FITTINGS,10FT-INDUST GAS
0832313 REPL METAL PIPE & FITTINGS-INDUST GAS
0833000 SPECIAL GAS SYSTEMS
0833100 PIPING SPECIAL ANESTHESIA GAS SYS.
0833110 PIPE AND FITTING, ANESTHESIA
0833111 RESOLDER JOINT-PIPE/FITTING,ANESTHESIA
0833112 REPL 10' SECT-PIPE/FITTINGS, ANESTHESIA
0833113 REPLACE PIPE AND FITTINGS, ANESTHESIA
0833200 PIPING SPECIAL OXYGEN GAS SYSTEM
0833210 PIPE AND FITTING, OXYGEN
0833211 RESOLDER JOINT-PIPE/FITTINGS, OXYGEN
0833212 REPL/INSTALL 10' SECT-PIPE/FIT, OXYGEN
0833213 REPLACE PIPE AND FITTINGS, OXYGEN

0840000 SPECIAL PLUMBING FIXTURE
0841000 KITCHEN PLUMBING FIXTURE
0841100 DISHWASHER
0841101 GENERAL MAINTENANCE & REPAIR-DISHWASHER
0841102 REPLACE UNIT - DISHWASHER
0841200 WASTE DISPOSAL, RESIDENTIAL
0841201 UNSTOP WASTE DISPOSAL, RESIDENTIAL
0841202 REPLACE UNIT-WASTE DISPOSAL, RESIDENTIAL

CACES DESCRIPTION

0841300 WATER SOFTENER
0841301 GEN MAINT AND REPAIR, WATER SOFTENER
0841302 CHK OPERATION & ADD SALT-WATER SOFTENER
0841303 REPLACE WATER SOFTENER
0844000 SPECIAL SYSTEMS - FIRE SUPPRESSION
0844100 OPEN HEAD FIRE SUPPRESSION SYSTEM
0844110 OPEN HEAD SPRINKLER HEAD
0844111 REPAIR OPEN HEAD-SPRINKLER HEAD
0844112 INSPECT SPRINKLER SYST-SPRINKLER HEAD
0844113 REPLACE OPEN-HEAD SPRINKLER HEAD

0900000 HEATING, VENTILATION AND AIRCONDITIONING

0910000 NATURAL GAS SYSTEMS
0911000 EQUIPMENT/METERS/REGULATORS, NAT. GAS
0911100 GAS METER
0911101 REPLACE GAS METER
0912000 PIPING SYSTEMS, NATURAL GAS SYS.
0912100 PIPE FITTINGS, STEEL/IRON
0912101 INST NEW GASKET-PIPE FITTINGS,STL/IRON
0912102 REPLACE 10 FOOT SECTION-PIPE F, STL/IRON
0912103 REPLACE PIPE AND FITTINGS, STEEL/IRON
0912200 PRESS. REDUCING VALVE, .5 INCH
0912201 CHECK GAS PRESSURE REDUING VALVE, .5"
0912202 REPLACE PRESSURE REDUCING VALVE, .5"
0912300 PRESSURE REDUCING VALVE, 2"
0912301 CHECK GAS PRESSURE - 2" VALVE
0912302 REPLACE PRESSURE REDUCING VALVE - 2"

0920000 FUEL OIL SYSTEMS
0921000 STORAGE SYSTEMS, FUEL OIL SYS.
0921100 OIL STORAGE TANK, 275 GAL.
0921101 REPLACE OIL STORAGE TANK, 275 GALLON
0921200 STORAGE SYSTEMS, FUEL OIL FILTER
0921201 PREVENTIVE MAINTENANCE, FUEL OIL FILTER
0921202 REPLACE FILTER, FUEL OIL
0921300 STORAGE SYSTEMS, FUEL OIL GAUGE
0921301 PREVENTIVE MAINTENANCE, FUEL OIL GAUGE
0921302 REPLACE GUAGE, FUEL OIL
0922000 TRANSFER SYSTEMS, FUEL OIL SYS.
0923000 DISTRIBUTION SYSTEMS, FUEL OIL SYS.
0923100 PIPE/FITTINGS, COPPER
0923101 RESOLDER JOINT PIPE/FITTINGS, COPPER
0923102 REPLACE/INSTALL 10' SECTION-PIPE/FIT COP
0923103 REPLACE PIPE AND FITTINGS, COPPER

0930000 LPG SYSTEMS
0931000 STORAGE SYSTEMS, LPG SYS.
0931100 LPG STORAGE TANK,1000 GALLON
0931101 REPLACE LPG STORAGE TANK ,1000 GALLON
0932000 TRANSFER SYSTEMS, LPG SYS.
0933000 DISTRIBUTION SYSTEMS, LPG SYS.
0933100 PIPE/FITTINGS, STEEL/IRON
0933101 INSTALL NEW GASKET-PIPE/FIT,STEEL/IRON
0933102 REPLACE 10'SECTION-PIPE/FIT, STEEL/IRON
0933103 REPLACE PIPE AND FITTINGS-STEEL/IRON

0940000 STEAM (SUPPLIED FROM CENTRAL)
0941000 PRESSURE REDUCING REG. SYS., STEAM SYS.

CACES DESCRIPTION

0941100 STEAM CONVERTOR, LESS THAN 300,000
0941101 REPAIR STEAM CONVERTOR, <300,000
0941102 INSPECT FOR LEAKS STEAM CONVT <300,000
0941103 REPLACE STEAM CONVERTOR <300,000
0941200 FLASH TANK, 24 GALLON
0941201 REPAIR FLASH TANK, 24 GALLON
0941202 CHECK FOR LEAKS FLASH TANK, 24 GALLON
0941203 REPLACE FLASH TANK, 24 GALLON
0941300 STEAM REGULATION VALVE - 2"
0941301 REPLACE STEAM REGUL. VALVE-2"
0941500 COND.METER,<300#/HR
0941501 REPAIR METER, < 300#/HR
0941502 PREVENTIVE MAINTENANCE CLEANIN <300#/HR
0941503 REPLACE METER < 300#/HR
0942000 DISTRIBUTION SYSTEMS, STEAM SYS.
0942100 RADIATOR VALVE 1"
0942101 REPLACE RADIATOR VALVE - 1"
0943000 METAL RADIATORS (IN 10 FT. SECTIONS)
0943100 CAST IRON RADIATOR 10 SECT
0943101 REPLACE CAST IRON RADIATOR 10 SECT
0943200 BASEBOARD RADIATION 10 FT
0943201 REPLACE BASEBORARD RADIATOR 10 FT
0943300 FINNED RADIATOR, WALL 10 FT
0943301 REPLACE FIN RADIATOR, WALL 10 FT

0950000 CHILLED WATER (SUPPLIED FROM CENTRAL)

0960000 SOLAR SYSTEMS
0961000 EQUIPMENT, SOLAR SYSTEMS
0961100 SOLAR PANEL, 3' X 8'
0961101 REPLACE SOLAR PANEL, 3' X 8'
0961200 SOLAR STORAGE TANK, 1000 GALLON
0961201 REPLACE SOLAR STORAGE TANK, 1000 GALLON
0962000 PIPING, SOLAR SYSTEMS
0962100 PIPE/FITTINGS, PVC
0962101 REGLUE JOINT-PIPE/FITTINGS, PVC
0962102 INSTALL 10' SECTION-PIPE/FITTINGS PVC
0962103 REPLACE PIPE-PIPE/FITTINGS PVC

0970000 OTHER GENERATION SYSTEMS

0980000 HEATING GENERATION SYSTEMS
0981000 EQUIPMENT, HEATING GENERATION
0981100 BOILER (GAS)
0981110 250 BTU
0981111 REPAIR BOILER - 250 BTU
0981112 PREV MAINT ANN INSP-250 BTU GAS BOILER
0981113 PREV MAINT EXTER INSP-GAS BOILER 250 BTU
0981114 PREV MAINT CLEAN FIREBX-GAS BLER 250 BTU
0981115 PREV MAINT WEEKLY TOUR-GAS BLER 250 BTU
0981116 REPLACE GAS BOILER - 250 BTU
0981120 2000 BTU
0981121 REPAIR GAS BOILER 2000 BTU
0981122 PREV MAINT ANNUAL INSP-GAS BLR 2000 BTU
0981123 PREV MAINT EXTER INSP-GAS BOILER 2000BTU
0981124 PREV MAINT CLEAN FIREBX-GAS BLR 2000 BTU
0981125 PREV MAINT CLEAN TUBES-GAS BLR 2000 BTU
0981126 PREV MAINT WEEKLY TOUR-GAS BLR 2000 BTU
0981127 REPLACE GAS BOILER - 2000 BTU

CACES DESCRIPTION

0981130 10000 BTU
0981131 REPAIR GAS BOILER - 10000 BTU
0981132 PREV MAINT ANNUAL INSP-GAS BLR 10000 BTU
0981133 PREV MAINT EXTER INSP-GAS GLR 10000 BTU
0981134 PREV MAINT CLEAN FIREBX-GAS BLR 10000BTU
0981135 PREV MAINT CLEAN TUBES-GAS BLR 10000 BTU
0981136 PREV MAINT WEEKLY TOUR-GAS BLR 10000 BTU
0981137 REPLACE GAS BOILER - 10000 BTU
0981200 BOILER (COAL)
0981210 40000 BTU
0981211 REPAIR COAL BOILER - 40000 BTU
0981212 PREV MAINT ANNUAL - COAL BLR 40000 BTU
0981213 PREV MAINT EXTER INSP-COAL BLR 40000 BTU
0981214 PREV MAINT WEEKLY TOUR-COAL BLR 40000BTU
0981215 REPLACE COAL BOILER - 40000 BTU
0981220 100000 BTU
0981221 REPAIR COAL BOILER - 100000 BTU
0981222 PREV MAINT ANNUAL-COAL BLR 100000 BTU
0981223 PREV MAINT EXTER INSP-COAL BLR 100000BTU
0981224 PREV MAINT WEEKLY TOUR-COAL BLR1000008TU
0981225 REPLACE COAL BOILER phase I-100000 BTU
0981226 REPLACE COAL BOILER phase II-100000 BTU
0981300 BOILER (OIL)
0981310 250 BTU
0981311 REPAIR OIL BOILER - 250 BTU
0981312 PREV MAINT ANNUAL INSP-OIL BLR 250 BTU
0981313 PREV MAINT EXTER INSP-OIL BLR 250 BTU
0981314 PREV MAINT WKLY TOUR-OIL BOILER 250 BTU
0981315 PREV MAINT CLEAN BURNER-OIL BLR 250 BTU
0981316 REPLACE OIL BOILER - 250 BTU
0981320 2000 BTU
0981321 REPAIR OIL BOILER - 2000 BTU
0981322 PREV MAINT ANNUAL INSP-OIL BLR 2000 BTU
0981323 PREV MAINT EXTER INSP-OIL BLR 2000 BTU
0981324 PREV MAINT WKLY TOUR-OIL BLR 2000 BTU
0981325 PREV MAINT CLEAN BURNER-OIL BLR 2000 BTU
0981326 REPLACE OIL BOILER - 2000 BTU
0981330 10000 BTU
0981331 REPAIR OIL BOILER - 10000 BTU
0981332 PREV MAINT ANNUAL INSP-OIL BLR 10000 BTU
0981333 PREV MAINT EXTER INSP-OIL BLR 1000 BTU
0981334 PREV MAINT WKLY TOUR-OIL BLR 10000 BTU
0981335 PREV MAINT CLEAN BURNER-OIL BLR 10000BTU
0981336 REPLACE OIL BOILER - 10000 BTU
0981400 BOILER DUAL FIRED
0981410 2000 BTU
0981411 REPAIR DUAL FIRED BOILER - 2000 BTU
0981412 PREV MAINT ANN-DUAL FIRED BLR 2000 BTU
0981413 PREV MAINT EXT INSP-DL FIRED BLR 2000BTU
0981414 PREV MAINT WKLY TR-DUAL FIRED BLR2000BTU
0981415 REPLACE DUAL FIRED BOILER - 2000 BTU
0981420 20000 BTU
0981421 REPAIR DUAL FIRED BOILER - 20000 BTU
0981422 PREV MAINT ANN INSP-DL FIRED BLR20000BTU
0981423 PREV MAINT EXT INSP-DL FIRED BLR20000BTU

CACES DESCRIPTION

0981424 PREV MAINT WKLY TR-DL FIRED BLR 200008TU
0981425 REPLACE DUAL FIRED BOILER - 20000 BTU
0981500 BOILER PNEUMATIC COAL SPREADER
0981510 BOILER PNEUMATIC COAL SPREADER
0981511 REPAIR BOILER PNEUMATIC COAL SPREADER
0981512 PREV MAINT DAILY-BLR PNEUMAT CL SPREADER
0981513 PREV MAINT WEEKLY-BLR PNEUMAT CL SPREADR
0981514 PREV MAINT MONTHLY-BLR PNEUMAT CL SPREAD
0981515 PREV MAINT ANNUAL-BLR PNEUMAT CL SPREADR
0981516 REPLACE PNEUMATIC COAL SPREADER
0981600 ASH HANDLING SYSTEM
0981610 ASH HANDLING SYSTEM
0981611 REPAIR ASH HANDLING SYSTEM
0981612 PREV MAINT DAILY-ASH HANDLING SYSTEM
0981613 PREV MAINT MONTHLY - ASH HANDLING SYSTEM
0981614 PREV MAINT ANNUAL - ASH HANDLING SYSTEM
0981615 REPLACE ASH HANDLING SYSTEM
0981700 FUEL OIL EQUIPMENT
0981710 FUEL OIL EQUIPMENT
0981711 REPAIR FUEL OIL EQUIPMENT
0981712 PREV MAINT - FUEL OIL EQUIPMENT
0981713 REPLACE FUEL OIL EQUIPMENT
0981800 CHEMICAL FEED SYSTEM
0981810 CHEMICAL FEED SYSTEM
0981811 REPAIR CHEMICAL FEED
0981812 PREVENTIVE MAINT - CHEMICAL FEED SYSTEM
0981813 REPLACE CHEMICAL FEEDER
0981900 FEED WATER SUPPLY
0981910 FEEDWATER SUPPLY
0981911 REPAIR FEED WATER SUPPLY PUMP
0981912 PREV MAINT - FEED WATER SUPPLY PUMP
0981913 REPLACE FEED WATER SUPPLY PUMP
0981A00 DEAERATOR
0981A10 DEAERATOR
0981A11 REPAIR DEAERATOR
0981A12 PREVENTIVE MAINTENANCE - DEAERATOR
0981A13 REPLACE DEAERATOR
0981B00 BLOWOFF SYSTEM
0981B10 BLOWOFF SYSTEM
0981B11 REPAIR BOILER BLOWOFF SYSTEM
0981B12 REPLACE BOILER BLOWOFF SYSTEM
0981C00 HOUSE FURNACE (GAS)
0981C10 25 KBTU
0981C11 REPAIR GAS HOUSE FURNACE - 25 KBTU
0981C12 PREV MAINT-GAS HOUSE FURNACE 25 KBTU
0981C13 REPLACE GAS HOUSE FURNACE - 25 KBTU
0981C20 100 KBTU
0981C21 REPAIR GAS HOUSE FURNACE - 100 KBTU
0981C22 PREV MAINT - GAS HOUSE FURNACE 100 KBTU
0981C23 REPLACE GAS HOUSE FURNACE 100 KBTU
0981C30 200 KBTU
0981C31 REPAIR GAS HOUSE FURNACE - 200 KBTU
0981C32 PREV MAINT - GAS HOUSE FURNACE 200 KBTU
0981C33 REPLACE GAS HOUSE FURNACE - 200 KBTU
0981D00 HOUSE FURNACE (OIL)

CACES DESCRIPTION

0981D10 25 KBTU
0981D11 REPAIR OIL HOUSE FURNACE - 25 KBTU
0981D12 PREV MAINT - OIL HOUSE FURNACE 25 KBTU
0981D13 REPLACE OIL HOUSE FURNACE - 25 KBTU
0981D20 100 KBTU
0981D21 REPAIR OIL HOUSE FURNACE - 100 KBTU
0981D22 PREV MAINT - OIL HOUSE FURNACE 100 KBTU
0981D23 REPLACE OIL HOUSE FURNACE - 100 KBTU
0981D30 200 KBTU
0981D31 REPAIR OIL HOUSE FURNACE - 200 KBTU
0981D32 PREV MAINT - OIL HOUSE FURNACE 200 KBTU
0981D33 REPLACE OIL HOUSE FURNACE - 200 KBTU
0981E00 HOUSE FURNACE (ELECTRIC)
0981E10 25 KBTU
0981E11 REPAIR ELECTRIC HOUSE FURNACE - 25 KBTU
0981E12 PREV MAINT-ELECT HOUSE FURNACE 25 KBTU
0981E13 REPLACE ELECT HOUSE FURNACE - 25 KBTU
0981E20 100 KBTU
0981E21 REPAIR ELECT HOUSE FURNACE - 100 KBTU
0981E22 PREV MAINT - ELECT HOUSE FURNACE 100KBTU
0981E23 REPLACE ELECT HOUSE FURNACE - 100 KBTU
0981E30 200 KBTU
0981E31 REPAIR ELECT HOUSE FURNACE - 200 KBTU
0981E32 PREV MAINT - ELECT HOUSE FURNACE 200KBTU
0981E33 REPLACE ELECT HOUSE FURNACE-200 KBTU
0981F00 RADIATOR, CAST IRON 10' SEC.
0981F01 REPLACE RADIATOR, CAST IRON 10' SEC
0981G00 RADIATOR, BASEBOARD 10' SEC.
0981G01 REPLACE RADIATOR, BASEBOARD 10' SEC
0981H00 RADIATOR, FINNED WALL 10' SEC.
0981H01 REPLACE WALL RADIATOR, FINNED 10' SEC
0981I00 EXPANSION TANK
0981I01 REFILL EXPANSION TANK
0981I02 REPLACE EXPANSION TANK
0981J00 STEAM CONVERTOR, <300,000
0981J10 STEAM CONVERTOR,<300,000
0981J11 REPAIR STEAM CONVERTOR < 300,000
0981J12 INSP FOR LEAKS-STEAM CONVERTOR < 300,000
0981J13 REPLACE STEAM CONVERTOR < 300,000
0981K00 FLASH TANK
0981K10 FLASH TANK
0981K11 REPAIR FLASH TANK
0981K12 PREVENTIVE MAINTENANCE ON FLASH TANK
0981K13 REPLACE FLASH TANK
0981L00 STORAGE TANK,DHW
0981L01 CLEAN AND SCRAPE STORAGE TANK, DHW
0981L02 REPLACE STORAGE TANK, DHW
0981M00 INDUCTION FURNACE GAS/OIL
0981M10 INDUCTION FURNACE GAS/OIL 500 MBU
0981M11 REPAIR IND. FURNACE GAS/OIL 500 MBU
0981M12 MAINT INSPEC IND FURN GAS/OIL 500 MB
0981M13 EXTERNAL INSP IND FURN GAS/OIL 500 MBU
0981M14 CLEAN FIRE BOX IND FURN GAS/OIL 500 MBU
0981M15 REPLACE IND FURNACE GAS/OIL 500 MBU
0981M20 INDUCTION FURNACE GAS/OIL 2000 MBU

CACES	DESCRIPTION
0981M21	REPAIR IND FURNACE GAS/OIL 2000 MBU
0981M22	MAINT INSPC.IND FURN GAS/OIL 2000 MBU
0981M23	EXTERNAL INSP IND FURN GAS/OIL 2000 MBU
0981M24	CLN FIRE BOX & COMP IND FURN G/O 2000MBU
0981M25	REPLACE IND FURNACE GAS/OIL 2000 MBU
0981N00	SURGE TANK 1000 GALLON
0981N01	REPLACE SURGE TANK, 1000 GALLON
0982000	FIXTURES, HEATING GENERATION
0983000	INTERCONNECTING PIPING SYSTEM, HEAT GEN.
0984000	DISTRIBUTION PIPING SYSTEM, HEAT GEN.
0984100	PIPE/FITTINGS
0984110	PIPE/FITTINGS, ST.&CP
0984111	M/R, REPAIR HOT WATER PIPE
0984112	REPLACE HOT WATER PIPE, 12' SE
0984120	PIPE/FITTINGS, COPPER
0984121	REPAIR SOLDER JOINT-PIPE/FITTINGS,COPPER
0984122	REPLACE HOT WATER PIPE, COPPER, 12' SE
0984130	PIP AND FITTINGS, PVC
0984131	UNCLOG FLOOR DRAIN-PIPE & FITTINGS, PVC
0984132	UNCLOG MAIN DRAIN-PIPE & FITTINGS, PVC
0984133	REPLACE PIPE & FITTINGS,PVC
0984140	PIPE INSULATION
0984141	REPAIR BROKEN PIPE INSULATION
0984142	REPLACE BROKEN PIPE INSULATION
0984200	GATE VALVE
0984210	GATE VALVE,3/8"-1 1/2"
0984211	REPACK GATE VALVE GLAND, 3/8" - 1 1/2"
0984212	REPLACE GATE VALVE, 3/8" - 1 1/2"
0984220	GATE VALVE, 2"-3"
0984221	REPACK GATE VALVE GLAND, 2"-3"
0984222	REPLACE GATE VALVE, 2"-3"
0984280	DRAIN VALVE
0984281	M/R, REPACK DRAIN VALVE GLAND
0984282	REPLACE DRAIN VALVE STEM ASSEMBLY
0984283	REPLACE/ REPLACE DRAIN VALVE
0984290	RADIATOR VALVE 1"
0984291	REPLACE RADIATOR VALVE 1"
09842A0	PRESSURE REDUCER VALVE 2"
09842A1	REPLACE PRESSURE REDUCER VALVE 2"
0984300	PIPE INSULATION
0984370	STEAM TRAP,F&T<1"
0984371	REPAIR STEAM TRAP, F&T < 1"
0984372	PREVENTIVE MAINT ON STEAM TRAP, F&T < 1"
0984373	REPLACE STEAM TRAP, F&T < 1"
09843A0	AIR SEPARATOR
09843A1	REPAIR BROKEN INSULATION - AIR SEPARATOR
09843A2	REPLACE INSULATION - AIR SEPARATOR
0984400	CIRCULATOR PUMP
0984410	CIRCULATOR PUMP, <1HP
0984411	REPAIR CIRCULATION PUMP, < 1HP
0984412	PREV MAINT ON CIRCULATOR PUMP, < 1HP
0984413	REPLACE CIRCULATOR PUMP, < 1HP
0984420	CIRCULATION PUMP 5 HP
0984421	REPAIR CIRCULATION PUMP - 5HP
0984422	PREV MAINT - CIRCULATION PUMP 5HP

CACES	DESCRIPTION
0984423	REPLACE CIRCULATION PUMP 5 HP
0984460	COND. RCVR.,10-15 GAL.
0984461	REPAIR CONDENSATE RECEIVER, 10-15 GALLON
0984462	REPAIR CONDENSATE RECEIVER,MOT 10-15 GAL
0984463	PREV MAINT ON CONDENSATE RCVR, 10-15 GAL
0984464	REPLACE CONDENSATE RECEIVER, 10-15 GAL
0985000	HVAC VALVES, HEATING GENERATION
0990000	COOLING GENERATION SYSTEMS
0991000	EQUIPMENT, COOLING GERNERATION
0991100	A/C DX PACKAGED
0991110	5 TONS
0991111	REPAIR A/C DX PACKAGED - 5 TONS
0991112	PREV MAINT - A/C DX PACKAGED 5 TONS
0991113	REPLACE A/C DX PACKAGED - 5 TONS
0991120	20 TONS
0991121	REPAIR A/C DX PACKAGED - 20 TONS
0991122	PREV MAINT - A/C DX PACKAGED 20 TONS
0991123	REPLACE A/C DX PACKAGED - 20 TONS
0991130	50 TONS
0991131	REPAIR A/C DX PACKAGED - 50 TONS
0991132	PREV MAINT - A/C DX PACKAGED 50 TONS
0991133	REPLACE A/C DX PACKAGED - 50 TONS
0991200	A/C WINDOW
0991210	1 TON
0991211	REPAIR A/C WINDOW - 1 TON
0991212	PREV MAINT - A/C WINDOW 1 TON
0991213	REPLACE A/C WINDOW - 1 TON
0991220	2 TONS
0991221	REPAIR A/C WINDOW - 2 TONS
0991222	PREVENTIVE MAINT - A/C WINDOW 2 TONS
0991223	REPLACE A/C WINDOW - 2 TONS
0991300	A/C PAD MOUNTED
0991310	AIR CONDITIONER PAD MOUNT. 5 TON
0991311	REPAIR A/C PAD MOUNT. 5 TONS
0991312	PREV MAINT - A/C PAD MOUNT. 5 TONS
0991313	REPLACE A/C PAD MOUNT 5 TONS
0991320	AIR CONDITIONER PAD MOUNT. 20 TON
0991321	REPAIR A/C PAD MOUNT. 20 TONS
0991322	PREV MAINT A/C PAD MOUNT 20 TONS
0991323	REPLACE A/C PAD MOUNT 20 TONS
0991400	CHILLERS ACH RECIP
0991410	20 TONS
0991411	REPAIR HERMETIC CHILLER - 20 TONS
0991412	PREV MAINT - HERMETIC CHILLER 20 TONS
0991413	REPLACE HERMETIC CHILLER - 20 TONS
0991420	50 TONS
0991421	REPAIR HERMETIC CHILLER - 50 TONS
0991422	PREV MAINT - HERMETIC CHILLER 50 TONS
0991423	REPLACE HERMETIC CHILLER - 50 TONS
0991430	100 TONS
0991431	REPAIR HERMETIC CHILLER - 100 TONS
0991432	PREV MAINT - HERMETIC CHILLER 100 TONS
0991433	REPLACE HERMETIC CHILLER - 100 TONS
0991440	CHILLER-AIR COOL RECIP. 5T
0991441	REPR HERMET CHILL-CHILL AIR COOL RECIP5T

CACES	DESCRIPTION
0991442	PREVENT MAINT CHILLER-AIR COOL RECPT 5T
0991443	REPLACE CHILLER-CHILLER-AIR COOL RECP5T
0991450	CHILLER AIR COOL REC 10T
0991451	REPR HERMET CHILL-CHILL AIR COOL REC10T
0991452	PREVNT MAINT CHLLER AIR COOL REC 10T
0991453	REPLACE CHLLER-CHLLER AIR COOL REC 10T
0991460	CHILLER AIR COOL REC 15T
0991461	REPR HERMET CHLLR-CHLLR AIR COOL REC 15T
0991462	PREVENT MAINT-CHILLR AIR COOL REC 15T
0991463	REPLACE CHILLER-CHILLER AIR COOL REC 15T
0991500	CHILLERS WCH RECIP.
0991510	20 TONS
0991511	REPAIR HERMET CHILLER-WCH RECIP 20 TONS
0991512	PREV MAINT HERM CHILLER WCH RECIP 20TONS
0991513	REPL HERMET CHILLERS WCH RECIP - 20 TONS
0991520	50 TONS
0991521	REPAIR HERMET CHILLER WCH RECIP 50 TONS
0991522	PREV MAINT HER CHILLER WCH RECIP 50 TONS
0991523	REPLACE HERMET CHILLER WCH RECIP 50 TONS
0991530	100 TONS
0991531	REPAIR HERMET CHILLER WCH RECIP 100 TONS
0991532	PREV MAINT-HERMET CHILLER WCH REC 100TON
0991533	REPLACE HERMET CHILLER WCH RECIP 100TONS
0991540	CHILLER WATER COOL RECIP 10T
0991541	REPR HERMET CHILLR-CHILL WAT COOL REC10T
0991542	PREVENT MAINT-CHILLR WATER COOL RECP 10T
0991543	REPL CHILLR-CHILLR WATER COOL RECP 10T
0991550	CHILLER WATER COOL RECP 200T
0991551	REPR HERMET CHLLER-CHILLR WAT COOL 200T
0991552	PREVENT MAINT-CHLLER WATER COOL REC 200T
0991553	REPLACE CHLLER-CHLLER WATER COOL REC200T
0991600	CHILLERS HERMETIC CENT.
0991610	100 TONS
0991611	REPAIR CHILLER HERMETIC CENT 100 TONS
0991612	PREV MAINT - CHILLER HERMETIC CENT 100 T
0991613	REPLACE CHILLER HERMETIC CENT 100 TONS
0991620	300 TONS
0991621	REPAIR CHILLER HERMETIC CENT 300 TONS
0991622	PREV MAINT - CHILLER HERMET CENT 300 TON
0991623	REPLACE CHILLER HERMET CENT 300 TONS
0991630	900 TONS
0991631	REPAIR CHILLER HERMETIC CENT 900 TONS
0991632	PREV MAINT - CHILLER HERMET CENT 900TONS
0991633	REPLACE CHILLER HERMET CENT 900 TONS
0991700	CHILLERS OPEN CENTRIFUGAL
0991710	300 TONS
0991711	REPAIR CHILLER OPEN CENTRIFUGAL 300 TONS
0991712	PREV MAINT-CHILLER OPEN CENT 300 TONS
0991713	REPLACE CHILLER OPEN CENT 300 TONS
0991720	900 TONS
0991721	REPAIR CHILLER OPEN CENT 900 TONS
0991722	PREV MAINT - CHILLER OPEN CENT 900 TONS
0991723	REPLACE CHILLER OPEN CENT 900 TONS
0991800	CHILLERS DOUBLE BUN HERMETIC
0991810	100 TONS

CACES	DESCRIPTION
0991811	REPAIR CHILLER COUBLE BUN HERMET 100TONS
0991812	PREV MAINT-CHILLR DOUBLE BUN HERMET 100T
0991813	REPLACE CHILLER DOUBLE BUN HERMET 100 T
0991820	300 TONS
0991821	REPAIR CHILLER DOUBLE BUN HERMET 300 TNS
0991822	PREV MAINT-CHILLER DOUBLE BUN HERMET300T
0991823	REPLACE CHILLER DOUBLE BUN HERMET 300 T
0991830	900 TONS
0991831	REPAIR CHILLER DOUBLE BUN HERMET 900 TON
0991832	PREV MAINT-CHILLER DOUBLE BUN HERMET 900
0991833	REPLACE CHILLER DOUBLE BUN HERMET 900TON
0991900	CHILLERS ONE STAGE ABSORBER
0991910	100 TONS
0991911	REPAIR CHILLER ONE STAGE ABSORBER 100T
0991912	PREV MAINT-CHILR ONE STAGE ABSORBER 100T
0991913	REPLACE CHILLER ONE STAGE ABSORBER 100T
0991920	300 TONS
0991921	REPAIR CHILLER ONE STAGE ABSORBER 300T
0991922	PREV MAINT-CHILLER ONE STAGE ABSORBER300
0991923	REPLACE CHILLER ONE STAGE ABSORBER 300T
0991930	900 TONS
0991931	REPAIR CHILLER ONE STAGE ABSORBER 900 T
0991932	PREV MAINT-CHILLER ONE STAGE ABSORBER900
0991933	REPLACE CHILLER ONE STAGE ABSORBER 900T
0991A00	CHILLERS TWO STAGE ABSORBER
0991A10	300 TONS
0991A11	REPAIR CHILLER 2 STAGE ABSORBER 300 TONS
0991A12	PREV MAINT-CHILLER 2 STAGE ABSORBER 300T
0991A13	REPLACE CHILLER 2 STAGE ABSORBER 300 TON
0991A20	900 TONS
0991A21	REPAIR CHILLER 2 STAGE ABSORBER 900 TONS
0991A22	PREV MAINT-CHILLER 2 STAGE ABSORBER 900T
0991A23	REPLACE CHILLER 2 STAGE ABSORBER 900TONS
0991B00	HEAT REJECTION SYSTMS AIRCOOLED CONDENSR
0991B10	5 TONS
0991B11	REPAIR AIR COOLED CONDENSER 5 TONS
0991B12	PREV MAINT - AIR COOLED CONDENSER 5 TONS
0991B13	REPLACE AIR COOLED CONDENSER - 5 TONS
0991B20	20 TONS
0991B21	REPAIR AIR COOLED CONDENSER - 20 TONS
0991B22	PREV MAINT - AIR COOLED CONDENSER 20 TON
0991B23	REPLACE AIR COOLED CONDENSER - 20 TONS
0991B30	50 TONS
0991B31	REPAIR AIR COOLED CONDENSER - 50 TONS
0991B32	PREV MAINT - AIR COOLED CONDENSER 50 TON
0991B33	REPLACE AIR COOLED CONDENSER - 50 TONS
0991B40	AIR COOLED CONDENSER 100T
0991B41	REPAIR CONDENSR-AIR COOL CONDENSR 100T
0991B42	PREVENT MAINT-AIR COOL CONDENSR 100T
0991B43	REPLACE CONDENSR-AIR COOL CONDNSR 100T
0991C00	HEAT REJECTION SYSTEMS COOLING TOWER
0991C10	50 TONS
0991C11	REPAIR COOLING TOWER - 50 TONS
0991C12	PREV MAINT - COOLING TOWER 50 TONS
0991C13	REPLACE COOLING TOWER - 50 TONS

CACES DESCRIPTION

0991C20 100 TONS
0991C21 REPAIR COOLING TOWER - 100 TONS
0991C22 PREV MAINT - COOLING TOWER 100 TONS
0991C23 REPLACE COOLING TOWER - 100 TONS
0991C30 300 TONS
0991C31 REPAIR COOLING TOWER - 300 TONS
0991C32 PREV MAINT - COOLING TOWER 300 TONS
0991C33 REPLACE COOLING TOWER - 300 TONS
0991C40 900 TONS
0991C41 REPAIR COOLING TOWER - 900 TONS
0991C42 PREV MAINT - COOLING TOWER 900 TONS
0991C43 REPLACE COOLING TOWER - 900 TONS
0991D00 HEAT REJECTION SYSTEMS EVAPORATIVE COND
0991D10 20 TONS
0991D11 REPAIR EVAPORATIVE CONDENSER - 20 TONS
0991D12 PREV MAINT EVAPORATIVE CONDENSER 20 TONS
0991D13 REPLACE EVAPORATIVE CONDENSER - 20 TONS
0991D20 100 TONS
0991D21 REPAIR EVAPORATIVE CONDENSER 100 TONS
0991D22 PREV MAINT - EVAPORATIVE CONDENSER 100 T
0991D23 REPLACE EVAPORATIVE CONDENSER 100 TONS
0991D30 300 TONS
0991D31 REPAIR EVAPORATIVE CONDENSER 300 TONS
0991D32 PREV MAINT - EVAPORATIVE CONDENSER 300T
0991D33 REPLACE EVAPORATIVE CONDENSER 300 TONS
0991E00 EXPANSION TANK
0991E01 REFILL EXPANSION TANK
0991E02 REPLACE/ REPLACE EXPANSION TANK
0991F00 REFIRGERATION FAN COILS
0991F10 REFRIGERATION FAN COIL 1T
0991F11 REPAIR FAN COIL UNIT-REFRIG FAN COIL 1T
0991F12 PREVENT MAINT- REFRIG FAN COIL 1T
0991F13 REPLACE FAN COIL UNIT-REFRIG FAN COIL 1T
0991F20 REFRIGERATION FAN COIL 3T
0991F21 REPAIR FAN COIL UNIT-REFRIG FAN COIL 3T
0991F22 PREVENT MAINT-REFRIG FAN COIL 3T
0991F25 REPLACE FAN COIL-REFRIG FAN COIL 3T
0991F30 REFRIGERATION FAN COIL 5T
0991F31 REPAIR FAN COIL UNIT-REFRIG FAN COIL 5T
0991F32 PREVENT MAINT-REFRIG FAN COIL 5T
0991F33 REPLACE FAN UNIT-REFRIG FAN COIL 5T
0992000 FIXTURES, COOLING GENERATION
0993000 INTERCONNECTING PIPING SYSTEMS, COOL GEN
0994000 DISTRIBUTION PIPING SYSTEMS COOL GEN.
0994100 PIPE/FITTINGS
0994110 PIPE/FITTINGS, ST.&CI.
0994111 M/R, REPAIR CHILLED WATER PIPE
0994112 REPLACE/ REPLACE CHILLED WATER PIPE,12'S
0994120 PIPE/FITTINGS, COPPER
0994121 M/R, REPAIR SOLDER JOINT
0994122 REPLACE/ REPLACE CHILLED WATER PIPE,12'S
0994130 PIPE AND FITTINGS, PVC
0994131 UNCLOG FLOOR DRAIN-PIPE & FITTINGS, PVC
0994132 UNCLOG MAIN DRAIN-PIPE & FITTINGS,PVC
0994133 REPLACE PIPE AND FITTINGS, PVC

CACES DESCRIPTION

0994200 GATE VALVE
0994210 GATE VALVE 3/8"-1 1/2"
0994211 REPACK GATE VALVE GLAND, 3/8" - 1 1/2"
0994212 REPLACE GATE VALVE, 3/8" - 1 1/2"
0994220 GATE VALVE, 2"-3"
0994221 REPACK GATE VALVE GLAND, 2"-3"
0994222 REPLACE GATE VALVE, 2"-3"
0994280 DRAIN VALVE
0994281 REPACK DRAIN VALVE GLAND
0994282 REPLACE DRAIN VALVE STEM ASSEMBLY
0994283 REPLACE DRAIN VALVE
0994300 COLLING GENERATION
0994340 PIPE INSULATION
0994341 M/R REPAIR BROKEN PIPE INSULATION
0994342 REPLACE PIPE INSULATION
0994400 CIRCULATION PUMP
0994410 CIRC. PUMP 1/12-1/2 H.P.
0994411 REPAIR CIRC. PUMP
0994412 PREV MAINT ON CIRC PUMP, 1/12-1/2 HP
0994413 REPLACE CIRCULATION PUMP 1/12-1/2 HP
0994420 CIRCULATION PUMP 5 H.P.
0994421 REPAIR CIRCULATION PUMP 5 HP.
0994422 PREVENTIVE MAINT.CIRC.PUMP 5HP
0994423 REPLACE CIRC. PUMP 5 HP.

09A0000 HEATING AND COOLING GENERATION SYSTEMS
09A1000 EQUIPMENT, H & C
09A1100 MULTI-ZONE
09A1110 6500 CFM
09A1111 REPAIR MULTI-ZONE UNIT, 6500 CFM
09A1112 PREV MAINT ANNUAL-MULTI-ZONE 65000 CFM
09A1113 PREV MAINT REPL FLTRS-MULTI ZONE 6500CFM
09A1114 REPLACE MULTI-ZONE UNIT 6500 CFM
09A1120 10000 CFM
09A1121 REPAIR MULTI-ZONE UNIT 10000 CFM
09A1122 PREV MAINT ANNUAL - MULTI-ZONE 10000 CFM
09A1123 PREV MAINT REPL FLTRS - MULTI-ZONE 10000
09A1124 REPLACE MULTI-ZONE UNIT 10000 CFM
09A1130 25000 CFM
09A1131 REPAIR MULTI-ZONE 25,000 CFM UNIT
09A1132 PREV MAINT ANNUAL - MULTI-ZONE 25000 CFM
09A1133 PREV MAINT REPL FLTRS - MULTI-ZONE 25000
09A1134 REPLACE MULTI-ZONE UNIT 25000 CFM
09A1140 50000 CFM
09A1141 REPAIR MULTI-ZONE UNIT 50000 CFM
09A1142 PREV MAINT ANNUAL - MULTI-ZONE 50000 CFM
09A1143 PREV MAINT REPL FLTRS - MULTI-ZONE 50000
09A1144 REPLACE MULTI-ZONE UNIT 50000 CFM
09A1150 MULTI-ZONE 2500 CFM
09A1151 REPAIR MULTI-ZONE UNIT- 2500 CFM
09A1152 PREVENT MAINT-MULTI ZONE 2500 CFM
09A1153 REPLACE FILTERS - MULTI-ZONE 2500 CFM
09A1154 REPLACE MULTI ZONE UNIT-2500 CFM
09A1200 DUAL DUCT
09A1210 6500 CFM
09A1211 REPAIR DUAL DUCT UNIT 6500 CFM

CACES	DESCRIPTION
09A1212	PREV MAINT ANNUAL - DUAL DUCT 6500 CFM
09A1213	PREV MAINT REPL FLTRS - DUAL DUCT 6500
09A1214	REPLACE DUAL DUCT UNIT - 6500 CFM
09A1220	10000 CFM
09A1221	REPAIR DUAL DUCT UNIT - 10000 CFM
09A1222	PREV MAINT ANNUAL-DUAL DUCT 10000 CFM
09A1223	PREV MAINT REPL FLTRS - DUAL DUCT 10000
09A1224	REPLACE DUAL DUCT UNIT - 10000 CFM
09A1230	25000 CFM
09A1231	REPAIR DUAL DUCT UNIT - 25000 CFM
09A1232	PREV MAINT ANNUAL - DUAL DUCT 25000 CFM
09A1233	PREV MAINT REPL FLTRS - DUAL DUCT 25000
09A1234	REPLACE DUAL DUCT UNIT - 25000 CFM
09A1240	50000 CFM
09A1241	REPAIR DUAL DUCT UNIT - 50000 CFM
09A1242	PREV MAINT ANNUAL - 50000 CFM
09A1243	PREV MAINT REPL FLTRS - DUAL DUCT 50000
09A1244	REPLACE DUAL DUCT UNIT - 50000 CFM
09A1300	THREE DECK MULTI-ZONE
09A1310	6500 CFM
09A1311	REPAIR 3-DECK MULTI-ZONE UNIT - 6500 CFM
09A1312	PREV MAINT ANNUAL- 3-DECK MULTI-ZONE6500
09A1313	PREV MAINT REPL FLTRS-3DECK MLT-Z 6500
09A1314	REPLACE 3DECK MULTI-ZONE UNIT - 6500 CFM
09A1320	10000 CFM
09A1321	REPAIR 3DECK MULTI-ZONE UNIT - 10000 CFM
09A1322	PREV MAINT ANNUAL-3DECK MULTI-Z 10000CFM
09A1323	PREV MAINT REPL FLTRS-3DECK MULT-Z 10000
09A1324	REPLACE 3DECK MULTI-ZONE UNIT - 10000CFM
09A1330	25000 CFM
09A1331	REPAIR 3DECK MULTI-ZONE UNIT - 25000 CFM
09A1332	PREV MAINT ANNUAL-3DECK MULTI-Z 25000CFM
09A1333	PREV MAINT REPL FLTRS-3DECK MULTI-Z25000
09A1334	REPLACE 3DECK MULTI-ZONE UNIT - 25000CFM
09A1340	50000 CFM
09A1341	REPAIR 3DECK MULTI-ZONE UNIT - 50000 CFM
09A1342	PREV MAINT ANNUAL-3DECK MULTI-Z 50000CFM
09A1343	PREV MAINT REPL FLTRS-3DECK MULTI-Z50000
09A1344	REPLACE 3DECK MULTI-ZONE UNIT -50000 CFM
09A1400	DUAL DUCT VARIABLE VOLUME
09A1410	6500 CFM
09A1411	REPAIR DUAL DUCT VAR VOL SYSTS - 6500CFM
09A1412	PREV MAINT ANNUAL-DUAL DUCT VAR VOL 6500
09A1413	PREV MAINT REPL FLTRS-DL DUCT VAR 6500
09A1414	REPLACE DUAL DUCT VAR VOLUME 6500 CFM
09A1420	10000 CFM
09A1421	REPAIR DUAL DUCT VARIABLE VOLUME-10000
09A1422	PREV MAINT ANNUAL-DL DUCT VAR VOL 10000
09A1423	PREV MAINT REPL FLTRS-DL DUCT VAR 10000
09A1424	REPLACE DUAL DUCT VAR VOL-10000 CFM
09A1430	25000 CFM
09A1431	REPAIR DUAL DUCT VAR VOL UNIT - 25000CFM
09A1432	PREV MAINT ANNUAL-DUAL DUCT VAR VOL25000
09A1433	PREV MAINT ANNUAL-DUAL DUCT VAR VOL25000
09A1434	REPLACE DUAL DUCT VAR VOL UNIT-25000 CFM

CACES	DESCRIPTION
09A1440	50000 CFM
09A1441	REPAIR DUAL DUCT VAR VOL UNIT-50000 CFM
09A1442	PREV MAINT ANNUAL-DUAL DUCT VAR VOL50000
09A1443	PREV MAINT REPL FLTRS-DUAL DUCT VAR50000
09A1444	REPLACE DUAL DUCT VAR VOLUME -50000 CFM
09A1450	DUAL DUCT VARI. VOL. 100,000 CFM
09A1451	REPAIR DUAL DUCT VARI VOL UNIT 100000CFM
09A1452	PREV MAINT-DUAL DUCT VARI VOL 100000 CFM
09A1453	REPL FILTERS DUAL DUCT VAR VOL 100000CFM
09A1454	REPL DUAL DUCT VARI VOL UNIT 100000 CFM
09A1500	VARIABLE VOLUME
09A1510	6500 CFM
09A1511	REPAIR VARIABLE VOLUME UNIT - 6500 CFM
09A1512	PREV MAINT ANNUAL-VAR VOLUME 6500 CFM
09A1513	PREV MAINT REPL FLTRS-VAR VOL 6500 CFM
09A1514	REPLACE VARIABLE VOLUME UNIT - 6500 CFM
09A1520	10000 CFM
09A1521	REPAIR VARIABLE VOLUME UNIT - 10000 CFM
09A1522	PREV MAINT ANNUAL- VAR VOLUME 10000 CFM
09A1523	PREV MAINT REPL FLTRS-VAR VOL 10000 CFM
09A1524	REPLACE VARIABLE VOLUME UNIT - 10000 CFM
09A1530	25000 CFM
09A1531	REPAIR VARIABLE VOLUME UNIT - 25000 CFM
09A1532	PREV MAINT ANNUAL - VAR VOL 25000 CFM
09A1533	PREV MAINT REPL FLTRS- VAR VOL 25000 CFM
09A1534	REPLACE VARIABLE VOLUME UNIT - 25000 CFM
09A1540	50000 CFM
09A1541	REPAIR VARIABLE VOLUME UNIT - 50000 CFM
09A1542	PREV MAINT ANNUAL - VAR VOL 50000 CFM
09A1543	PREV MAINT REPL FLTRS- VAR VOL 50000 CFM
09A1544	REPLACE VARIABLE VOLUME UNIT - 50000 CFM
09A1600	TERM REHEAT
09A1610	6500 CFM
09A1611	REPAIR TERMINAL REHEAT UNIT - 6500 CFM
09A1612	PREV MAINT ANNUAL - TERM REHEAT 6500 CFM
09A1613	PREV MAINT REPL FLTRS - TERM REHEAT 6500
09A1614	REPLACE TERMINAL REHEAT UNIT - 6500 CFM
09A1620	10000 CFM
09A1621	REPAIR TERMINAL REHEAT UNIT - 10000 CFM
09A1622	PREV MAINT ANNUAL - TERM REHEAT 10000CFM
09A1623	PREV MAINT REPL FLTRS - TERM REHEAT10000
09A1624	REPLACE TERMINAL REHEAT UNIT - 10000 CFM
09A1630	25000 CFM
09A1631	REPAIR TERMINAL REHEAT UNIT - 25000 CFM
09A1632	PREV MAINT ANNUAL - TERM REHEAT 25000CFM
09A1633	PREV MAINT REPL FLTRS -TERM REHEAT 25000
09A1634	REPLACE TERMINAL REHEAT UNIT - 25000 CFM
09A1640	50000 CFM
09A1641	REPAIR TERMINAL REHEAT UNIT - 50000 CFM
09A1642	PREV MAINT ANNUAL - TERM REHEAT 50000CFM
09A1643	PREV MAINT REPL FLTRS -TERM REHEAT 50000
09A1644	REPLACE TERMINAL REHEAT UNIT - 50000 CFM
09A1700	TWO-PIPE INDUCTION
09A1710	6500 CFM
09A1711	REPAIR 2 PIPE INDUCTION UNIT - 6500 CFM

CACES	DESCRIPTION
09A1712	PREV MAINT ANNUAL-2PIPE INDUCT 6500 CFM
09A1713	PREV MAINT REPL FLTRS-2PIPE INDUCT 6500
09A1714	REPLACE 2 PIPE INDUCTION UNIT - 6500 CFM
09A1720	10000 CFM
09A1721	REPAIR 2 PIPE INDUCTION UNIT - 10000 CFM
09A1722	PREV MAINT ANNUAL-2PIPE INDUCT 10000 CFM
09A1723	PREV MAINT REPL FLTRS-2PIPE INDUCT 10000
09A1724	REPLACE 2 PIPE INDUCTION UNIT-10000 CFM
09A1730	25000 CFM
09A1731	REPAIR 2 PIPE INDUCTION UNITS -25000 CFM
09A1732	PREV MAINT ANNUAL-2PIPE INDUCT 25000 CFM
09A1733	PREV MAINT REPL FLTRS-2PIPE INDUC 25000
09A1734	REPLACE 2 PIPE INDUCTION UNIT-25000 CFM
09A1740	50000 CFM
09A1741	REPAIR 2 PIPE INDUCTION UNIT - 50000 CFM
09A1742	PREV MAINT ANNUAL-2PIPE INDUCT 50000 CFM
09A1743	PREV MAINT REPL FLTRS-2PIPE INDUCT 50000
09A1744	REPLACE 2 PIPE INDUCTION UNIT- 50000 CFM
09A1800	FOUR PIPE INDUCTION
09A1810	6500 CFM
09A1811	REPAIR 4 PIPE INDUCTION UNIT - 6500 CFM
09A1812	PREV MAINT ANNUAL-4PIPE INDUCT 6500 CFM
09A1813	PREV MAINT REPL FLTRS-4PIPE INDUCT 6500
09A1814	REPLACE 4 PIPE INDUCTION UNIT - 6500 CFM
09A1820	10000 CFM
09A1821	REPAIR 4 PIPE INDUCTION UNIT - 10000 CFM
09A1822	PREV MAINT ANNUAL-4PIPE INDUCT 10000 CFM
09A1823	PREV MAINT REPL FLTRS-4PIPE INDUCT 10000
09A1824	REPLACE 4 PIPE INDUCTION UNIT- 10000 CFM
09A1830	25000 CFM
09A1831	REPAIR 4 PIPE INDUCTION UNIT - 25000 CFM
09A1832	PREV MAINT ANNUAL-4PIPE INDUCT 25000 CFM
09A1833	PREV MAINT REPL FLTRS-4PIPE INDUCT 25000
09A1834	REPLACE 4 PIPE INDUCTION UNIT - 25000CFM
09A1840	50000 CFM
09A1841	REPAIR 4 PIPE INDUCTION UNIT - 50000 CFM
09A1842	PREV MAINT ANNUAL-4PIPE INDUCT 50000 CFM
09A1843	PREV MAINT REPL FLTRS-4PIPE INDUCT 50000
09A1844	REPLACE 4 PIPE INDUCTION UNIT - 50000CFM
09A1900	TWO-PIPE FAN COIL
09A1910	200 CFM
09A1911	REPAIR 2 PIPE FAN COIL UNIT - 200 CFM
09A1912	PREV MAINT CLEAN COIL - 2PIPE FAN 200CFM
09A1913	PREV MAINT REPL FLTRS-2PIPE FAN COIL 200
09A1914	REPLACE 2 PIPE FAN COIL UNIT - 200 CFM
09A1920	400 CFM
09A1921	REPAIR 2 PIPE FAN COIL UNIT - 400 CFM
09A1922	PREV MAINT CLEAN COIL-2PIPE FAN 400 CFM
09A1923	PREV MAINT REPL FLTRS-2 PIPE FAN 400 CFM
09A1924	REPLACE 2 PIPE FAN COIL UNIT - 400 CFM
09A1930	600 CFM
09A1931	REPAIR 2PIPE FAN COIL UNIT - 600 CFM
09A1932	PREV MAINT CLEAN COIL-2 PIPE FAN 600 CFM
09A1933	PREV MAINT REPL FLTRS- 2 PIPE FAN 600CFM
09A1934	REPLACE 2 PIPE FAN COIL UNIT - 600 CFM

CACES	DESCRIPTION
09A1940	1200 CFM
09A1941	REPAIR 2 PIPE FAN COIL UNIT - 1200 CFM
09A1942	PREV MAINT CLEAN COIL- 2 PIPE FAN 1200
09A1943	PREV MAINT REPL FLTRS- 2PIPE FAN 1200CFM
09A1944	REPLACE 2 PIPE FAN UNIT - 1200 CFM
09A1A00	FOUR-PIPE FAN-COIL
09A1A10	200 CFM
09A1A11	REPAIR 4 PIPE FAN COIL UNIT - 200 CFM
09A1A12	PREV MAINT CLEAN COIL - 4PIPE FAN 200CFM
09A1A13	PREV MAINT REPL FLTRS- 4 PIPE FAN 200CFM
09A1A14	REPLACE 4 PIPE FAN COIL UNIT - 200 CFM
09A1A20	400 CFM
09A1A21	REPAIR 4 PIPE FAN COIL UNIT - 400 CFM
09A1A22	PREV MAINT CLEAN COIL-4 PIPE FAN 400 CFM
09A1A23	PREV MAINT REPL FLTRS-4 PIPE FAN 400 CFM
09A1A24	REPLACE 4 PIPE FAN COIL UNIT - 400 CFM
09A1A30	600 CFM
09A1A31	REPAIR 4 PIPE FAN COIL UNIT - 600 CFM
09A1A32	PREV MAINT CLEAN COIL-4 PIPE FAN 600 CFM
09A1A33	PREV MAINT REPL FLTRS-4 PIPE FAN 600 CFM
09A1A34	REPLACE 4 PIPE FAN COIL UNIT - 600 CFM
09A1A40	1200 CFM
09A1A41	REPAIR 4 PIPE FAN COIL UNIT - 1200 CFM
09A1A42	PREV MAINT CLEAN COIL-4 PIPE FAN 1200CFM
09A1A43	PREV MAINT REPL FLTRS-4 PIPE FAN 1200CFM
09A1A44	REPLACE 4 PIPE FAN COIL UNIT - 1200 CFM
09A1B00	UNIT-VENT
09A1B10	400 CFM
09A1B11	REPAIR UNIT VENT - 400 CFM
09A1B12	PREV MAINT - UNIT VENT 400 CFM
09A1B13	REPLACE UNIT VENT - 400 CFM
09A1B20	1200 CFM
09A1B21	REPAIR UNIT VENT - 1200 CFM
09A1B22	PREV MAINT - UNIT VENT 1200 CFM
09A1B23	REPLACE UNIT VENT - 1200 CFM
09A1C00	SINGLE-ZONE DRAW THRU
09A1C10	6500 CFM
09A1C11	REPAIR SINGLE ZONE DRAW-THRU - 6500 CFM
09A1C12	PREV MAINT ANNUAL-SINGLE Z DRAW THRU6500
09A1C13	PREV MAINT REPL FLTRS-SINGLE Z DRAW 6500
09A1C14	REPLACE SINGLE ZONE DRAW-THRU - 6500 CFM
09A1C20	10000 CFM
09A1C21	REPAIR SINGLE ZONE DRAW-THRU - 10000 CFM
09A1C22	PREV MAINT ANN-SINGLE Z DRAW THRU 10000
09A1C23	PREV MAINT REPL FLTRS-SINGLE Z DRAW10000
09A1C24	REPLACE SINGLE ZONE DRAW-THRU - 10000CFM
09A1C30	25000 CFM
09A1C31	REPAIR SINGLE ZONE DRAW THRU - 25000 CFM
09A1C32	PREV MAINT ANN-SINGLE Z DRAW THRU 25000
09A1C33	PREV MAINT REPL FLTRS-SINGLE Z DRAW25000
09A1C34	REPLACE SINGLE ZONE DRAW THRU - 25000CFM
09A1C40	50000 CFM
09A1C41	REPAIR SINGLE ZONE DRAW THRU - 50000 CFM
09A1C42	PREV MAINT ANN-SINGLE Z DRAW THRU 50000
09A1C43	PREV MAINT REPL FLTRS-SINGLE Z D T 50000

CACES DESCRIPTION

09A1C44 REPLACE SINGLE ZONE DRAW THRU - 50000CFM
09A1C50 SINGLE ZONE DRAW THRU 1000 CFM
09A1C51 REPAIR SINGLE ZONE DRAW THRU 1000 CFM
09A1C52 PREVENT MAINT SGL ZONE DRAW THRU 1000CFM
09A1C53 REPL FILTER SGL ZONE DRAW THRU 1000 CFM
09A1C54 REPLACE SINGLE ZONE DRAW THRU 1000 CFM
09A1C60 SINGLE-ZONE DRAW THRU 2500 CFM
09A1C61 REPAIR SINGLE ZONE DRAW THRU 2500 CFM
09A1C62 PREV MAINT SINGLE ZONE DRAW THRU 2500CFM
09A1C63 REPL FILTER SINGL ZONE DRAW THRU 2500CFM
09A1C64 REPLACE SINGLE ZONE DRAW THRU 2500 CFM
09A1D00 UNIT HEATER
09A1D10 400 CFM
09A1D11 REPAIR UNIT HEATER - 400 CFM
09A1D12 PREV MAINT - UNIT HEATER 400 CFM
09A1D13 REPLACE UNIT HEATER - 400 CFM
09A1D20 1200 CFM
09A1D21 REPAIR UNIT HEATER - 1200 CFM
09A1D22 PREV MAINT - UNIT HEATER 1200 CFM
09A1D23 REPLACE UNIT HEATER - 1200 CFM
09A1D30 UNIT HEATER 4000 CFM
09A1D31 REPAIR UNIT HEATER 4000 CFM
09A1D32 PREVENT MAINT UNIT HEATER 4000 CFM
09A1D33 REPLACE UNIT HEATER 4000 CFM
09A1D40 UNIT HEATER 8000 CFM
09A1D41 REPAIR UNIT HEATER 8000 CFM
09A1D42 PREVENT MAINT UNIT HEATER 8000 CFM
09A1D43 REPLACE UNIT HEATER 8000 CFM
09A1D50 GAS FIRED RADIANT HEATER 50 MBH
09A1D51 PREVEN MAINT GAS FIRE RADIANT HEAT 50MBH
09A1D52 REPLACE GAS FIRED RAD HEAT 50 MBH
09A1E00 HEAT PUMP
09A1E10 HEAT PUMP 5 TONS
09A1E11 REPAIR HEAT PUMP - 5 TONS
09A1E12 PREV MAINT - HEAT PUMP 5 TONS
09A1E13 REPLACE HEAT PUMP - 5 TONS
09A1E20 HEAT PUMP 10 TONS
09A1E21 REPAIR HEAT PUMP - 10 TONS
09A1E22 PREV MAINT - HEAT PUMP 10 TONS
09A1E23 REPLACE HEAT PUMP - 10 TONS
09A1E30 HEAT PUMP 25 TONS
09A1E31 REPAIR HEAT PUMP - 25 TONS
09A1E32 PREV MAINT - HEAT PUMP 25 TONS
09A1E33 REPLACE HEAT PUMP - 25 TONS
09A1E40 HEAT PUMP 1T
09A1E41 REPAIR HEAT PUMP 1T THRU-WALL UNIT
09A1E42 PREVENT MAINT HEAT PUMP 1T
09A1E43 REPLACE HEAT PUMP 1T THRU-WALL UNIT
09A1G00 DUCTCOIL 1-ROW HOT WATER
09A1G10 DUCTCOIL 1-ROW H.W. 12X24
09A1G11 CLEAN COIL-DUCTCOIL 1-ROW H.W. 12 X 24
09A1G12 REPLACE COIL-DUCTCOIL 1-ROW H.W.12 X 24
09A2000 FIXTURES, H & C
09A3000 DISTRIBUTION SYSTEMS, H & C

09B0000 VENTILATION SYSTEMS

CACES DESCRIPTION

09B1000 EQUIPMENT, VENTILATION SYS.
09B2000 FIXTURES, VENTILATION SYS.
09B2100 FORCE DRAFT FANS
09B2110 FORCE DRAFT FAN 10,000 CFM
09B2111 REPAIR FAN-FORCE DRAFT FAN 10,000 CFM
09B2112 PREVENT MAINT-FORCE DRAFT FAN 10000 CFM
09B2113 REPL FAN-FORCE DRAFT FAN 10,000 CFM
09B2120 IND DRAFT FAN 10,000 CFM
09B2121 REPAIR FAN-IND DRAFT FAN 10,000 CFM
09B2122 PREVENT MAINT IND FAN 10,000 CFM
09B2123 REPLACE IND DRAFT FAN 10,000 CFM
09B3000 DISTRIBUTION SYSTEMS, VENT. SYS.

09C0000 EXHAUST SYSTEMS
09C1000 EQUIPMENT, EXHAUST SYS.
09C1100 EXHAUST FAN
09C1110 EXHAUST FAN 200 CFM
09C1111 REPLACE FAN AND MOTOR - 200 CFM
09C1112 PREV MAINT CLEANING - EXHAUST FAN 200CFM
09C1113 REPLACE UNIT - EXHAUST FAN 200 CFM
09C1120 EXHAUST FAN 1000 CFM
09C1121 REPAIR EXHAUST FAN - 1000 CFM
09C1122 PREV MAINT - EXHAUST FAN 1000 CFM
09C1123 REPLACE ROOF MOUNTED EXHAUST FAN-1000CFM
09C1130 EXHAUST FAN 10000 CFM
09C1131 REPAIR EXHUAST FAN 10000 CFM
09C1132 PREVENTIVE MAINT. EXHAUST FAN 10000 CFM
09C1133 REPLACE EXHAUST FAN 10000 CFM
09C1140 EXHAUST FAN 25000 CFM
09C1141 REPAIR EXHAUST FAN 25000 CFM
09C1142 PREVENTIVE MAINT. EXHAUST FAN 25000 CFM
09C1143 REPLACE EXHAUST FAN 25000 CFM
09C1150 EXHAUST FAN 50000 CFM
09C1151 REPAIR EXHAUST FAN 50000 CFM
09C1152 PREVENTIVE MAINT. EXHAUST FAN 50000 CFM
09C1153 REPLACE EXHAUST FAN 50000 CFM
09C1160 EXHAUST FAN, 5000 CFM
09C1161 REPAIR FAN, EXHAUST FAN 5000 CFM
09C1162 PREVENT MAINT EXHAUST FAN 5000 CFM
09C1163 REPLACE ROOF MOUNTED EXHAUST FAN-5000CFM
09C1200 AIR CURTAIN
09C1210 AIR CURTAIN, 1000 CFM
09C1211 REPLACE FAN & MOTOR AIR CURAIN, 1000 CFM
09C1212 PREVENT MAINT-AIR CURTAIN, 1000 CFM
09C1213 REPLACE UNIT-AIR CURTAIN, 1000 CFM
09C2000 FIXTURES, EXHAUST SYS.
09C2100 METAL FLUE/CHIMNEY
09C2101 REPLACE METAL FLUE
09C3000 DISTRIBUTION SYSTEMS, EXHAUST SYS.

09D0000 SPECIAL SYSTEMS
09D1000 CLEAN ROOMS
09D2000 RF SHIELDING
09D3000 PAINT SPRAY BOOTHS
09D4000 SPECIAL AIR FILTRATION
09D5000 HUMIDITY CONTROL SYSTEMS
09D5100 ROOM HUMIDIFIER, FLOOR TYPE

CACES DESCRIPTION

09D5101 REPAIR ROOM HUMIDIFIER, FLOOR TYPE
09D5102 PREV MAINT CLEANING-RM HUMIDIFIER,FLOOR
09D5103 REPLACE ROOM HUMIDIFIER, FLOOR TYPE
09D6000 OTHER

09E0000 CONTROLS AND INSTRUMENTATION
09E1000 DEVICES
09E1100 THERMOSTATS/PNEUMATICS
09E1110 THERMOSTATS/PNEUMATICS
09E1111 PREVENTIVE MAINTENANCE
09E1112 REPLACE PNEUMATIC THERMOSTAT
09E1120 HUMIDITY SENSOR
09E1121 PREVENT MAINT HUMIDISTAT
09E1122 REPLACE HUMIDISTAT
09E1130 FLOW SENSOR
09E1131 PREVENT MAINT WATER FLOW SENSOR
09E1132 REPLACE FLOW SENSOR
09E1140 RADIATION SENSOR
09E1141 PREVENT MAINT RADIATION SENSOR
09E1142 REPLACE RADIATION SENSOR
09E1150 WIND VELOCITY SENSOR
09E1151 PREVENT MAINT WIND VELOCITY SENSOR
09E1152 REPLACE WIND VELOCITY SENSOR
09E1160 PRESSURE SENSOR
09E1161 PREVENT MAINT PRESSURE SENSOR
09E1162 REPLACE PRESSURE SENSOR
09E1200 DAMPER CONTROLLERS
09E1210 DAMPER CONTROLLER - ELECTRICAL
09E1211 PREVENT MAINT DAMPER CONTROLLER/ELECT
09E1212 REPLACE DAMPER CONTROLLER/ELECT.
09E1300 SIMPLEX AIR COMPRESSORS
09E1310 SIMPLEX AIR COMPRESSOR 1 HORSE POWER
09E1311 REPAIR COMP. SIMPLEX AIR COMP., 1 HP
09E1312 CHECK AND ADJUST-SIMPLEX AIR COMP., 1HP
09E1313 REPLACE SIMPLEX AIR COMPRESSOR, 1 HP
09E2000 TRANSMISSION MEDIA

09F0000 TESTING, BALANCE, ETC.
09F1000 TEST AND BALANCE
09F2000 IDENTIFICATION SYSTEMS
09F3000 O & M DATA

1100000 INTERIOR ELECTRICAL

1110000 SERVICE & DISTRIBUTION
1112000 OVERHEAD SERVICE FEEDER
1112001 REPAIR CABLE SPLICE-OVERHEAD SERV FEEDER
1112002 CABLE INSPECTION-OVERHEAD SERV FEEDER
1112003 REPLACE SERVICE CABLE-OVERHEAD SERV FEED
1113000 MAIN PROTECTION EQUIPMENT
1113100 SWITCHGEAR, MAIN FRAME, 1200 A.
1113101 REPAIR SWITCHGEAR-MAIN PROTECT EQUIPMENT
1113102 PREV MAINT & INS-SWITCHGEAR,MAIN FRAME
1113103 REPLACE SWITCHGEAR 1200 AMP
1113200 FUSE
1113201 REPLACE FUSE
1114000 PRIMARY TRANSFORMER
1114100 TRANSFORMER, LIQUID FILLED ABOVE 600 V

CACES DESCRIPTION

1114101 REPAIR TRANSFORMER, LIQUID FILLED AB 600
1114102 PREV MAINT & INSP-TRANSFORMER, LIQUID F
1114103 REPLACE TRANSFORMER, LIQUID FILLED AB600
1114200 TRANSFORMER, DRY, ABOVE 15,000 V
1114201 REPAIR TRANSFORMER,DRY,AB 15,000 V
1114202 PREV MAINT &INSP-TRANSFORMER,DRY,AB15000
1114203 REPLACE TRANSFORMER,DRY,AB 15000 V
1115000 POWER PROTCETION EQUIPMENT
1115100 SWITCHGEAR, INDOOR, 0-600 V
1115101 REPAIR SWITCHGEAR, INDOOR, 0-600 V
1115102 PREV MAINT &INSEP-SWITCHGEAR,INDOOR0-600
1115103 REPLACE SWITCHGEAR, INDOOR, 0-600 V
1115200 SWITCHGEAR, INDOOR ABOVE 600 V
1115201 MAINT & REPAIR, SWITCHGEAR,INDR AB 600V
1115202 PREV MAINT &INSP SWITCHGEAR, INDR AB 600
1115203 REPLACE SWITCHGEAR,INDOOR AB 600 V
1116000 SECONDARY TRANSFORMER
1116100 TRANSFORMER, LIQUID FILLED BELOW 600 V
1116101 MAINT & REPAIR TRANSFORMER, LIBUID BL600
1116102 PREV MAINT&INSP-TRANSFORMER,LIQUID BL600
1116103 REPLACE TRANSFORMER,LIQUID BELOW 600 V
1116200 TRANSFORMER, DRY BELOW 15,000 V
1116201 MAINT &REPAIR TRANSFORMER, DRY BL 15000V
1116202 PREV MAINT &INSP TRANSFORMER,DRY BL15000
1116203 REPLACE TRANSFORMER, DRY BELOW 15,000 V
1117000 LIGHTNING PROTECTION
1117100 SWITCHGEAR, INDOOR, BELOW 600 V
1117101 MAINT & REPAIR SWITCHGEAR,INDR BL 600 V
1117102 PREV MAINT &INSEP SWITCHGEAR,INDR BL600V
1117103 REPLACE SWITCHGEAR, INDOOR, BELOW 600 V
1117200 SWITCHGEAR, INDOOR ABOVE 600 V
1117201 MAINT & REPAIR SWITCHGEAR, INDR AB 600V
1117202 PREV MAINT &INSP SWITCHGEAR,INDR AB 600V
1117203 REPLACE SWITCHGEAR, INDOOR AB 600 V
1118000 POWER & LIGHTING DISTRIBUTION
1118100 CABLE, THERMOPLASTIC, 601-15,000 V
1118101 REPLACE CABLE,THERMOPLASTIC,601-15,000 V
1118200 CABLE, THERMOSETTING, 601-15,000 V
1118201 REPLACE CABLE,THERMOSETTING,601-15,000 V
1118300 CABLE, LEAD COVERED, 601-15,000 V
1118301 REPLACE CABLE, LEAD COVERED,601-15,000 V
1118400 CABLE, FLEXIBLE METALIC < 600 VOLT
1118401 REPLACE CABLE, FLEXIBLE METALIC < 600 V
1118500 BRANCH WIRING, 0-600 V
1118501 REPLACE BRANCH WIRING, 0-600 V
1118600 BRANCH WIRING, OVER 600 V
1118601 REPLACE BRANCH WIRING, OVER 600 V
1118700 BUSS DUCT
1118701 MAINT & REPAIR BUSS DUCT, POWER & LIGHT
1118702 PREV MAINT & INSP BUSS DUCT,POWER &LIGHT
1118703 REPLACE BUSS DUCT,POWER & LIGHT DISTRIB
1118800 CONDUIT EMT
1118801 REPLACE EMT CONDUIT, POWER & LIGHT DIST
1119000 SPECIAL EQUIPMENT
1119100 METER, DARSONVAL GALVANOMETER

CACES	DESCRIPTION
1119101	MAINT & REPAIR METER, DARSONVAL GALVANOM
1119102	REPLACE METER, DARSONVAL GALVANOMETER
1119300	INVERTER
1119301	MAINT & REPAIR INVERTER, SPECIAL EUIP
1119302	PREV MAINT & INSP INVERTER,SPECIAL EQUIP
1119303	REPLACE INVERTER, SPECIAL EUQIPMENT
1119400	RECTIFIER, UNDER 600 V
1119401	MAINT & REPAIR RECTIFIER, UNDER 600 V
1119402	PREV MAINT & INSP RECTIFIER, UNDER 600 V
1119403	REPLACE RECTIFIER, UNDER 600 V
1120000	POWER SYSTEM
1122000	SAFTEY SWITCHES & BREAKERS
1122100	SAFETY SWITCH, ENCLOSED
1122101	MAINT & REPAIR SAFETY SWITHCH, ENCLOSED
1122102	PREV MAINT & INSP SAFETY SWITCH, ENCLOSD
1122103	REPLACE SAFETY SWITCH, ENCLOSED
1122300	CIRCUIT BREAKERS
1122310	CIRCUIT BREAKER, NC, 0-599 V
1122311	MAINT & REPAIR CIRCUIT BREAKER, NC,0-599
1122312	PREV MAINT&INSP CIRCUIT BREAKER,NC,0-599
1122313	REPLACE CIRCUIT BREAKER, NC, 0-599 V
1122320	CIRCUIT BREAKER, NC, 600 V AND OVER
1122321	REPAIR FAILED BREAKER,NC, 600 V AND OVER
1122322	PREV MAINT &INSP CIRCUIT BREAKER,NC,600+
1122323	REPLACE CIRCUIT BREAKER,NC,600V AND OVER
1122330	CIRCUIT BREAKER, FIXED, 0-599 V
1122331	MAINT &REPAIR CIRCT BREAKER,FIXED,0-599V
1122332	PREV MAINT&INSP CIRCT BREAKER,FIXD,0-599
1122333	REPLACE CIRCUIT BREAKER,FIXED, 0-599 V
1122340	CIRCUIT BREAKER, FIXED, 600V AND OVER
1122341	REPAIR FAILED CIRCT BREAKER,FIXD, 600+V
1122342	PREV MAINT&INSP CIRCT BRKER, FIXD,600+
1122343	REPLACE CIRCUIT BREAKER,FIXD, 600+
1122350	CIRCUIT BREAKER, M.C. > 600V 2P
1122351	REPR FAILED BREAKER-CIR BRK M.C. 600V2P
1122352	PREV MAINT CIRC BREAKER M.C. 600V 2P
1122353	REPL CIRC BREAKER M.C. > 600V 2P
1122360	CIRCUIT BREAKER, M.C. > 600V 3P
1122361	REPAIR FAILED CIRC BREAKER M.C. > 600V 3
1122362	PREV MAINT CIRC. BREAKER M.C. 600V 3P
1122363	REPLACE CIRC BREAKER M.C. 600V 3P
1122370	CIRCUIT BREAKER, FIXED < 599V 1P
1122371	MAINT & REPR CIRC BREAKER FIXED < 599V 1
1122372	PREV MAINT&INSP CIRC BKR FIXED , 599V 1P
1122373	REPLACE CIRC BREAKER FIXED < 599V 1P
1122380	CIRCUIT BREAKER, FIXED < 599V 2P
1122381	MAINT & REPR CIRC BREAKER FIXD < 599V 2P
1122382	PREV MAINT & INSP CIR BRK FIXD < 599V 2P
1122383	REPLACE CIRC BREAKER FIXED < 599V 2P
1122390	CIRCUIT BREAKER, FIXED < 599V 3P
1122391	MAINT & REPR CIRC BREAKER FIXD < 599V 3P
1122392	PREV MAINT CIRC BREAKER FIXED < 599V 3P
1122393	REPLACE CIRC BREAKER FIXED < 599V 3P
11223A0	CIRCUIT BREAKER, FIXED > 600V 1P
11223A1	REPR FAILED CIRC BREAKER FIXED > 600V 1P

CACES	DESCRIPTION
11223A2	PREV MAINT CIRC BREAKER FIXED > 600V 1P
11223A3	REPL CIRC BREAKER FIXED > 600V 1P
1122380	CIRCUIT BREAKER, FIXED > 600V 2P
1122381	REPR FAILED CIRC BREAKER FIXED > 600V 2P
1122382	PREV MAINT CIRC BREAKER FIXED > 600V 2P
1122383	REPLACE CIRC BREAKER FIXED > 600V 2P
11223C0	CIRCUIT BREAKER, FIXED > 600V 3P
11223C1	REPR FAILED CIRC BREAKER FIXD > 600V 3P
11223C2	PREV MAINT CIRC BREAKER FIXED > 600V 3P
11223C3	REPLACE CIRC BREAKER FIXED > 600V 3P
1122400	SAFETY SWITCHES
1122410	SAFETY SWITCH FUSED 1P
1122411	MAINT AND REPAIR SAFETY SWITCH FUSED 1P
1122412	PREVENT MAINT SAFTY SWITCH FUSED 1P
1122413	REPLACE SAFETY SWITCH FUSED 1P
1122420	SAFETY SWITCH FUSED 2P
1122421	MAINT AND REPAIR SAFETY SWITCH FUSED 2P
1122422	PREV MAINT SAFETY SWITCH FUSED 2P
1122423	REPLACE SAFETY SWITCH FUSED 2P
1122430	SAFETY SWITCH FUSED 3P
1122431	MAINT AND REPAIR SAFETY SWITCH FUSED 3P
1122432	PREV MAINT SAFETY SWITCH FUSED 3P
1122433	REPLACE SAFETY SWITCH FUSED 3P
1122440	LOW VOLTAGE CARTRIDGE
1122441	REPLACE LOW VOLTAGE CARTRIDGE
1122450	PLUG FUSE
1122451	REPLACE PLUG FUSE
1123000	MOTOR STARTER
1123600	MOTOR STARTER, 0-600 V
1123601	MAINT & REPAIR MOTOR STARTER, 0-600 V
1123602	PREV MAINT & INSP MOTOR STARTER,0-600 V
1123603	REPLACE MOTOR STARTER, 0-600 V
1123700	MOTOR STARTER, 601-15,000 V
1123701	MAINT & REPAIR MOTOR STARTER,601-15,000V
1123702	PREV MAINT&INSP MOTOR STARTER,601-15000V
1123703	REPLACE MOTOR STARTER, 601-15,000 V
1124000	CONTACTORS AND RELAYS
1124001	MAINT & REPAIR CONTACTORS AND RELAYS
1124002	PREV MAINT CONTACTORS AND RELAYS
1124003	REPLACE CONTACTORS AND RELAYS
1127000	RECEPTACLES & PLUGS
1127100	WIRING DEVICE, SWITCH
1127101	MAINT & REPAIR WIRING DEVICE, SWITCH
1127102	REPLACE WIRING DEVICE, SWITCH
1127200	RECEPTACLE AND PLUG
1127201	MAINT & REPAIR RECEPTACLE AND PLUG
1127202	REPLACE RECEPTACLE AND PLUG
1127300	SWITCH, PULL CORD
1127301	MAINT & REPAIR SWITCH, PULL CORD
1127302	REPLACE SWITCH, PULL CORD
1130000	LIGHTING SYSTEM
1131000	LIGHTING FIXTURES
1131100	INCANDESCENT LIGHTING FIXTURE
1131101	MAINT &REPAIR INCANDESCENT LIGHT FIXTURE
1131102	REPLACE LAMP, INCANDESCENT LIGHT FIXTURE

CACES DESCRIPTION

1131103 REPLACE INCANDESCENT LIGHTING FIXTURE
1131200 QUARTZ LIGHTING FIXTURE
1131201 MAINT & REPAIR QUARTZ LIGHT FIXTURE
1131202 REPLACE LAMP, QUARTZ LIGHTING FIXTURE
1131203 REPLACE QUARTZ LIGHTING FIXTURE
1131300 FLUORESCENT LIGHTING FIXTURE
1131301 MAINT & REPAIR FLUORESCENT LIGHT FIXTURE
1131302 REPLACE LAMPS (2),FLUORESCENT LIGHT FIX
1131303 REPLACE FLUORESCENT LIGHTING FIXTURE
1131400 HID
1131410 HID, MERCURY VAPOR FIXTURE, 250-W
1131411 MAINT&REPAIR HID,MERCURY VAPOR F, 250 W
1131412 REPLACE LAMP-HID,MERCURY VAPOR F, 250 W
1131413 REPLACE FIXTURE,HID,MERCURY VAPOR 250 W
1131420 HID, METAL HALID FIXTURE, 250-W
1131421 MAINT &REPAIR,HID,METAL HALID FIXT,250 W
1131422 REPLACE LAMP,HID,METAL HALID FIXTURE,250
1131423 REPLACE FIXTURE,HID,METAL HALID FIXT250W
1131500 EMERGENCY LIGHTING FIXTURE
1131501 MAINT & REPAIR EMERGENCY LIGHTING FIXTUR
1131502 REPLACE LAMP, EMERGENCY LIGHT FIXTURE
1131503 REPLACE EMERGENCY LIGHTING FIXTURE
1131600 SODIUM FIXTURE
1131610 H.P. 250 WATT
1131611 MAINT & REPAIR H.P. 250 W
1131612 REPLACE LAMP, SODIUM FIXT H.P. 250 WATT
1131613 REPLACE SODIUM FIXTURE, H.P. 250 WATT
1131620 L.P. 200 WATT
1131621 MAINT & REPAIR,SODIUM FIXT L.P. 200 WATT
1131622 REPLACE LAMP,SODIUM FIXT L.P. 200 WATT
1131623 REPLACE SODIUM FIXTURE, L.P. 200 WATT
1131700 EXIT LIGHT
1131701 REPAIR EXIT LIGHT
1131702 REPAIR LAMPS EXIT LIGHT
1131703 REPLACE LIGHTING FIXTURE-EXIT LIGHTS

1140000 GROUNDING SYSTEM
1141000 ELECTRICAL SERVICE GROUND
1141001 MAINT & REPAIR-ELECTIRCAL SERVICE GROUND
1141002 REPLACE ELECTRICAL SERVICE GROUND
1142000 BUILDING STRUCTURE GROUND
1142001 MAINT & REPAIR BUILDING STRUCTURE GROUND
1142002 REPLACE BUILDING SERVICE GROUND
1143000 LIGHTNING PROTECTION
1143100 LIGHTNING PROTECTION SYS. GENERAL
1143110 LIGHTNING PROTECTION SYS. GENERAL WIRING
1143111 MAINTENANCE & REPAIR LIGHTNG.PROT.WIRING
1143112 REPLACE LIGHTNING PROTECT.WIRING
1143500 LIGHTNING PROTECTION SYS. ROD
1143510 LIGHTNING PROTECTION SYS. GROUNDING ROD
1143511 MAINTENANCE AND REPAIR-LIGHTNING GRD.ROD
1143512 REPLACE LIGHTNING GROUNDING ROD
1144000 COMPUTER SYSTEM GROUND
1144001 MAINT & REPAIR COMPUTER SYSTEM GROUND
1144002 REPLACE COMPUTER GROUND SYSTEM
1145000 SPECIAL GROUND SYSTEM

CACES DESCRIPTION

1145001 MAINT & REPAIR SPECIAL GROUND SYSTEM
1145002 REPLACE SPECIAL GROUND SYSTEM

1200000 SPECIAL INTERIOR ELECTRICAL SYSTEM

1210000 SOUND SYSTEM
1211000 TELEPHONE SYSTEM
1211100 4-PIN RECEPTACLE
1211101 REPAIR 4-PIN RECEPTACLE, TELEPHONE SYST
1211102 REPLACE 4-PIN RECEPTACLE, TELEPHONE SYST
1211200 TELEPHONE CABLE
1211201 REPAIR TELEPHONE CABLE ,22 AWG,4 PAIR
1211202 REPLACE TELEPHONE CABLE ,22 AWG ,4 PAIR
1212000 INTERCOMMUNICATION SYSTEM
1212001 MAINTENANCE AND REPAIR
1213000 PUBLIC ADDRESS SYSTEM
1213001 MAINTENANCE AND REPAIR
1214000 RADIO COMMUNICATION SYSTEM
1214001 MAINTENANCE AND REPAIR
1215000 DOOR BELL
1215001 REPAIR DOOR BELL
1215002 PREVENT MAINT AND INSPEC DOOR BELL
1215003 REPLACE DOOR BELL

1220000 ALARM SYSTEM
1221000 FIRE ALARM SYSTEM
1221100 MANUAL PULL STATION
1221101 M/R CHECK AND REPAIR MANUAL PULL STATION
1221102 REPLACE MANUAL PULL STATION
1221200 SMOKE DETECTOR
1221201 M/R REPAIR SMOKE DETECTOR
1221202 CHECK OPERATION, SMOKE DETECTOR
1221203 REPLACE SMOKE DETECTOR
1221300 FIRE ALARM BELL
1221301 REPLACE FIRE ALARM BELL ,6"
1221400 ANNUNCIATION PANEL
1221401 M/R MINOR REPAIRS TO ANNUNCIATION PANEL
1221402 PREV MAINT & INSP ANNUNCIATION PANEL
1221403 REPLACE ANNUNCIATION PANEL
1221500 HEAT DETECTOR
1221501 REPAIR HEAT DETECTOR
1221502 CHECK OPERATION HEAT DETECTOR
1221503 REPLACE HEAT DETECTOR
1221600 FIRE ALARM CONT. PANEL
1221601 MINOR REPAIRS TO FIRE ALARM CONT. PANEL
1221602 PREVENT MAINT & INSP FIRE ALRM CONT PANL
1221603 REPLACE FIRE ALARM CONT PANEL
1222000 INTRUDER DETECTION SYSTEM
1222001 MAINTENANCE AND REPAIR
1223000 EQUIPMENT ALARM SYSTEM
1223001 MAINTENANCE AND REPAIR

1230000 TELEVISION SYSTEM
1232000 CLOSED CIRCUIT TV SYSTEM
1232001 MAINTENANCE AND REPAIR
1233000 TV CABLE OUTLET
1233001 MAINTENANCE AND REPAIR TV CABLE OUTLET
1233002 REPLACE TV CABLE OUTLET

CACES DESCRIPTION

1240000 CONTROL SYSTEM
1241000 ENERGY MANAGEMENT SYSTEM
1241001 MAINTENANCE AND REPAIR
1242000 RADIO CONTROL SYSTEM
1242001 MAINTENANCE AND REPAIR
1243000 LIGHT DIMMING PANEL
1243001 MINOR REPAIRS - LIGHT DIMMING PANEL
1243002 PREV MAINT & INSPEC- LIGHT DIMMING PANEL
1243003 REPLACE LIGHT DIMMING PANEL

1250000 HOSPITAL SYSTEM
1251000 NURSE CALL
1251001 MAINTENANCE AND REPAIR
1252000 DOCTOR PAGING
1252001 MAINTENANCE AND REPAIR
1253000 DOCTOR REGISTER
1253001 MAINTENANCE AND REPAIR
1254000 GROUND DETECTION
1254001 MAINTENANCE AND REPAIR
1255000 NARCOTICS ALARM
1255001 MAINTENANCE AND REPAIR
1256000 OXYGEN ALARM
1256001 MAINTENANCE AND REPAIR

1260000 CLOCK & PROGRAM SYSTEM
1261000 CLOCK AND PROGRAM SYSTEM
1261100 TIME CONTROL CLOCK
1261101 MAINT & REPAIR TIME CONTR. CLOCK
1261102 CHECK OPERATION - TIME CONTROL CLOCK
1261103 REPLACE TIME CONTROL CLOCK

1270000 ELECTRIC HEATING SYSTEM
1271000 BASEBOARD HEATERS
1271001 MAINT & REPAIR BASEBOARD HEATERS
1271002 PREV MAINT & INSP BASEBOARD HEATERS
1271003 REPLACE BASEBOARD HEATER
1272000 WALL & CEILING HEATERS
1272100 WALL MOUNTED & RECESSED WITH FAN
1272101 MAINT &REPAIR WALL MOUNTD &RECESSD W FAN
1272102 PREV MAINT&INSP WALL MOUNTD& RECESSD FAN
1272103 REPLACE HEATER,WALL MOUNTD& RECESSD FAN
1272200 RADIANT SUSPENDED, COMMERCIAL
1272201 MAINT & REPAIR RADIANT SUSPEND,COMMERCIL
1272202 PREV MAINT&INSP RADIANT SUSPEND,COMMER
1272203 REPLACE HEATER,RADIANT SUSPEND,COMMERCIL
1272300 INFRARED SUSPENDED, COMMERCIAL
1272301 MAINT &REPAIR INFRARD SUSPEND,COMMERCIAL
1272302 PREV MAINT INSP INFRARD SUSPEND, COMMER
1272303 REPLACE HEATER,INFRARD SUSPEND,COMMERCIL
1273000 INDUSTRIAL HEATERS
1273100 STANDARD SUSPENDED HEATER
1273101 MAINT REPAIR STANDARD SUSPENDED HEATER
1273102 PREV MAINT INSP STANDARD SUSPEND HEATER
1273103 REPLACE STANDARD SUSPENDED HEATER
1273200 EXPLOSION PROOF INDUSTRIAL
1273201 MAINT & REPAIR EXPLOSION PROOF INDUSTRIL
1273202 PREV MAINT INSP EXPLOSION PROOF INDUST
1273203 REPLACE HEATER,EXPLOSION PROOF INDUST

CACES DESCRIPTION

1274000 DUCT HEATERS
1274001 MAINT & REPAIR DUCT HEATERS
1274002 PREV MAINT & INSP DUCT HEATERS
1274003 REPLACE DUCT HEATER

1280000 POWER GENERATING SYSTEM
1281000 ENGINE GENERATOR SETS
1281100 GENERATOR, GASOLINE POWERED
1281102 PREV MAINT GENERATOR, GASOLINE POWERED
1281103 REPLACE GENERATOR COMPONENT, GASOLINE
1281200 GENERATOR, DIESEL
1281202 PREV MAINT GENERATOR, DIESEL
1281203 REPLACE DIESEL GENERATOR COMPONENT
1281300 GENERATOR, VAPOR GAS POWERED
1281302 PREV MAINT GENERATOR, VAPOR GAS POWERED
1281303 REPLACE GENERATOR COMPONENT, VAPOR GAS
1281400 TURBINES
1281410 GENERATOR, STEAM TURBINE
1281412 PREV MAINT GENERATOR, STEAM TURBINE
1281413 REPLACE GENERATOR COMPONENT,STEAM TURBNE
1281420 GENERATOR, GAS TURBINE
1281422 PREV MAINT GENERATOR, GAS TURBINE
1281423 REPLACE GENERATOR COMPONENT, GAS TURBINE
1281500 TRANSFER SWITCH
1281501 MAINT & REPAIR TRANSFER SWITCH
1281502 PREV MAINT TRANSFER SWITCH
1281503 REPLACE TRANSFER SWITCH
1282000 UNINTERRUPTIBLE POWER SOURCE
1282100 STATIC CHARGER, BATTERY
1282101 MAINT & REPAIR STATIC CHARGER, BATTERY
1282102 PREV MAINT &INSP STATIC CHARGER,BATTERY
1282103 REPLACE STATIC CHARGER, BATTERY
1282200 MOTOR GENERATOR, BATTERY
1282201 MAINT & REPAIR MOTOR GENERATOR, BATTERY
1282202 PREV MAINT MOTOR GENERATOR, BATTERY
1282203 REPLACE MOTOR GENERATOR, BATTERY
1283000 EMERGENCY BATTERY SYSTEM
1283100 BATTERY, PRIMARY WET
1283101 PREV MAINT BATTERY, PRIMARY WET
1283102 REPLACE BATTERY, PRIMARY WET
1283200 BATTERY, PRIMARY DRY
1283201 PREV MAINT BATTERY, PRIMARY DRY
1283202 REPLACE BATTERY, PRIMARY DRY
1283300 BATTERY, SECONDARY WET
1283301 PREV MAINT BATTERY SECONDARY WET
1283302 REPLACE BATTERY, SECONDARY WET
1283400 BATTERY, SECONDARY DRY
1283401 PREV MAINT BATTERY SECONDARY DRY
1283402 REPLACE BATTERY, SECONDARY DRY

***** Finished ******

APPENDIX I: Percentage of Maintenance Cost by High-Cost Components for All Buildings

ORDERED YEARLY SUMMARY COMPONENT REPORT

INSTALLATION: GERMANY 12-04-90
F4C CODE : 0000000

120 YEARS SUMMARY

CACES ID	COMPONENT DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0000000	TOTAL DOLLAR AMOUNT FOR YEARS	1165136000.	
0811R00	SHOWER, CERAMIC TILE	79762240.	6.85
0611100	PLASTER WALL FINISH	66966610.	5.75
0311340	ROLL ROOFING	63589840.	5.46
1131300	FLUORESCENT LIGHTING FIXTURE	46713990.	4.01
0311350	SHINGLES	40076560.	3.44
0612800	CERAMIC TILE WALL FIN.	32183420.	2.76
062A200	VINYL ASBESTOS TILE FLOORING	30287050.	2.60
0533110	HOLLOW CORE(PAINTED)INTERIOR DOOR	29330740.	2.52
0311360	METAL	28131580.	2.41
0981A10	DEAERATOR	26181080.	2.25
0631100	PLASTER CEILING	25094100.	2.15
1117100	SWITCHGEAR, INDOOR, BELOW 600 V	23337980.	2.00
0415C30	STUCCO EXTERIOR FINISH 3RD+ FLOOR	22834620.	1.96
0415C20	STUCCO EXTERIOR FINISH 2ND FLOOR	22348110.	1.92
061A200	CONCRETE, FINISHED INTERIOR WALL	19984980.	1.72
0629100	CARPET, FLOOR	16525120.	1.42
1123600	MOTOR STARTER, 0-600 V	16233000.	1.39
0415C10	STUCCO EXTERIOR FINISH 1ST FLOOR	15136760.	1.30
0533210	SOLID CORE (PAINTED) INTERIOR DOOR	14520550.	1.25
0611400	STUCCO INTERIOR WALL FINISH	11990480.	1.03
1127200	RECEPTACLE AND PLUG	11720710.	1.01
1116200	TRANSFORMER, DRY BELOW 15,000 V	11369120.	.98
0943300	FINNED RADIATOR, WALL 10 FT	10238910.	.88
0431320	WOOD FRM.(PAINT) OPER.WNDW 2ND FLOOR	9912922.	.85
0628200	CONCRETE, FINISHED FLOORING	9483309.	.81
0311330	TILE	9160256.	.79
0822100	DISTRIBUTION, GUTTERS, PIPE	9117084.	.78
0622100	CERAMIC TILE FLOORING	8358023.	.72
0431330	WOOD FRM. (PAINT) OPER. WNDW. 3RD+ FLOOR	8163642.	.70
0943100	CAST IRON RADIATOR 10 SECT	8063560.	.69
0431830	DOUBLE PANE WOOD FRM.OPER.WNDW. 3RD+ FL.	8003079.	.69
1124000	CONTACTORS AND RELAYS	7550521.	.65
1127100	WIRING DEVICE, SWITCH	7502438.	.64
09842A0	PRESSURE REDUCER VALVE 2"	7422585.	.64
0531110	STEEL PAINTED INTERIOR DOOR	7038297.	.60
1283400	BATTERY, SECONDARY DRY	6975087.	.60
0811F00	SINK, STAINLESS STEEL	6886832.	.59
0635200	WOOD UNFINSHED CEILING	6460028.	.55
0311100	BUILT-UP ROOFING	6338820.	.54
0628100	CONCRETE, UNFINSHED FLOORING	6021335.	.52
09E1110	THERMOSTATS/PNEUMATICS	5810463.	.50
0811H00	DRINKING FOUNTAIN	5700290.	.49
0431310	WOOD FRM.(PAINT) OPER.WNDW 1ST FLOOR	5571216.	.48
09E1160	PRESSURE SENSOR	5355195.	.46
0811500	LAVATORY, VITREOUS CHINA	5307795.	.46
0431820	DOUBLE PANE WOOD FRM. OPER.WNDW. 2ND FL.	5306027.	.46
0572700	RUBBER INTERIOR STEPS	5300282.	.45
0311320	CEMENT ASBESTOS	5043503.	.43
0981910	FEEDWATER SUPPLY	5027297.	.43
0432230	STEEL FRAME (PAINT) FIXED WNDW. 3RD+ FL.	4869544.	.42
0434410	METAL WINDOW GRATINGS 1ST FLOOR	4866016.	.42
0636100	METAL CEILING (PAINTED)	4515537.	.39
063A200	CONCRETE, FINISHED CEILING	4440719.	.38
0432310	WOOD FRAME (PAINT) FIXED WNDW. 1ST FLOOR	4372919.	.38
1221200	SMOKE DETECTOR	4234018.	.36
0984410	CIRCULATOR PUMP, <1HP	4218776.	.36
1283100	BATTERY, PRIMARY WET	4093283.	.35
0811100	TANKLESS WATER CLOSET	4085176.	.35
0625100	WOOD PARTQUETRY FLOORING	4055085.	.35
1131100	INCANDESCENT LIGHTING FIXTURE	3928482.	.34
0622200	QUARRY TILE FLOORING	3896738.	.33
09C1110	EXHAUST FAN 200 CFM	3861740.	.33
1115100	SWITCHGEAR, INDOOR, 0-600 V	3778367.	.32
0635100	WOOD FINISHED CEILING	3642732.	.31
1281200	GENERATOR, DIESEL	3617340.	.31
1114100	TRANSFORMER, LIQUID FILLED ABOVE 600 V	3528050.	.30

INSTALLATION: GERMANY
F4C CODE : 0000000

12-04-90

120 YEARS SUMMARY

CACES ID	COMPONENT DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
1131610	H.P. 250 WATT	3410899.	.29
0814400	VALVE, NON DRAIN 2"-3"	3307157.	.28
0616300	STEEL INTERIOR FINISH (PAINTED)	3218292.	.28
1122100	SAFETY SWITCH, ENCLOSED	3168841.	.27
09A1D10	400 CFM	3148631.	.27
0811300	URINAL	3129166.	.27
0812200	FLOOR DRAIN, WITHOUT BUCKET	3117450.	.27
0432320	WOOD FRAME (PAINT) FIXED WNDW. 2ND FLOOR	3078651.	.26
0631300	SHEETROCK (UNSTIPPLED) CEILING	3048755.	.26
0814500	VALVE, NON DRAIN 4"-6"	3014246.	.26
0814300	VALVE, NON DRAIN 3/8"-1 1/2"	2847626.	.24
09A1D20	1200 CFM	2828547.	.24
062A100	LINOLEUM FLOORING	2828396.	.24
0612200	CLAY BLOCK (PAINTED WALL FINISH	2821394.	.24
0433130	WOOD LOUVER IN FRAME 3RD FLOOR	2629590.	.23
0433510	ALUMINUM SHUTTER WITH FRAME 1ST FLOOR	2616175.	.22
1143510	LIGHTNING PROTECTION SYS. GROUNDING ROD	2589971.	.22
0421210	STEEL (PAINTED) METAL EXTERIOR DOOR	2583228.	.22
1122430	SAFETY SWITCH FUSED 3P	2561808.	.22
0984280	DRAIN VALVE	2543580.	.22
0616400	WIRE MESH WALL	2452194.	.21
0431210	STEEL FRM.(PAINT)OPER.WNDW 1ST FLOOR	2388552.	.21
0431810	DOUBLE PANE WOOD FRM.OPER.WNDW. 1ST FLR.	2384821.	.20
1283300	BATTERY, SECONDARY WET	2314215.	.20
0431230	STEEL FRM.(PAINT) OPER.WNDW 3RD+ FLOOR	2252809.	.19
0311370	FIBERGLASS RIGID,STEEP ROOF	2211878.	.19
0432220	STEEL FRAME (PAINT) FIXED WNDW. 2ND FLR.	2138548.	.18
0626200	METAL GRATING	2128900.	.18
1131420	HID, METAL HALID FIXTURE, 250-W	2109745.	.18
0831110	1 H.P.	2102347.	.18
0311310	SLATE	2089828.	.18
0841300	WATER SOFTENER	2063013.	.18
0612400	CONCRETE BLOCK (PAINTED) WALL FINISH	2042511.	.18
062A300	RUBBER TILE FLOORING	2034645.	.17
0611300	SHEETROCK (UNSTIPPLED) WALL FIN.	1971548.	.17
0531120	STEEL (W/SAFETY GLASS) PANTD.INTER.DOORS	1942918.	.17
0441100	CONCRETE DECKING - PORCH	1889173.	.16
062A400	VINYL SHEET FLOORING	1869722.	.16
0431220	STEEL FRM.(PAINT) OPER.WNDW 2ND FLOOR	1856071.	.16
0612500	CLAY BRICK WALL FINISH	1831357.	.16
1281300	GENERATOR, VAPOR GAS POWERED	1825534.	.16
1281100	GENERATOR, GASOLINE POWERED	1810359.	.16
0811200	FLUSH TANK WATER CLOSET	1790898.	.15
0942100	RADIATOR VALVE 1"	1776921.	.15
0982110	FORCE DRAFT FAN 10,000 CFM	1776204.	.15
0433210	ALUMINUM LOUVER IN FRAME 1ST FLOOR	1736783.	.15
062C000	TERRAZZO FLOORING	1735901.	.15
0415A10	CONCRETE EXTERIOR FINISH 1ST FLOOR	1697718.	.15
0813300	VALVE, NON-DRAIN 3/8" - 1 1/2"	1673200.	.14
0534230	WOOD LOUVERED INTERIOR DOORS	1662273.	.14
0981H00	RADIATOR, FINNED WALL 10' SEC.	1653760.	.14
09A1C10	6500 CFM	1608057.	.14
0941100	STEAM CONVERTOR, LESS THAN 300,000	1594481.	.14
0811100	SPIGOT	1560210.	.13
1283200	BATTERY, PRIMARY DRY	1549901.	.13
0434510	METAL WIRE MESH WINDOW COVER 1ST FLOOR	1513596.	.13
0632200	ACOUSTICAL TILE (DROPPED) CEILING	1494744.	.13
0841100	DISHWASHER	1467286.	.13
0984220	GATE VALVE, 2"-3"	1464075.	.13
0625200	MAPLE FLOOR	1378468.	.12
09E1310	SIMPLEX AIR COMPRESSOR 1 HORSE POWER	1359683.	.12
0814600	VALVE, DRAIN	1351779.	.12
0811E00	SINK, ENAMELED STEEL	1351233.	.12
0984210	GATE VALVE,3/8"-1 1/2"	1344676.	.12
0433310	STEEL LOUVERS WITH FRAME 1ST FLOOR	1303914.	.11
0619200	ACOUSTICAL INTERIOR WALL TILE	1281899.	.11
0811A00	SHOWER, ENAMELED STEEL	1201530.	.10
0982120	IND DRAFT FAN 10,000 CFM	1200481.	.10

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0533120	HOLLOW CORE(PAINTED)SLIDING INTER. DOOR	1194232.	.10
0631400	STUCCO INTERIOR CEILING FINISH	1170846.	.10
0991420	50 TONS	1145141.	.10
0533230	SOLID CORE(W/SAFETY GLASS)(PNTD)INT.DOOR	1123792.	.10
0415A20	CONCRETE EXTERIOR FINISH 2ND FLOOR	1078685.	.09
0814A00	CIRCULATOR PUMP, 1/6 HP	1046334.	.09
0421220	STEEL (W/SAFTY GLAS) PAINTED EXT. DOOR	1039101.	.09
0431630	DOUBLE PANE ALUMINUM OPER.WNDW. 3RD+ FL.	1016099.	.09
0431610	DOUBLE PANE ALUMINUM OPER.WNDW. 1ST FLR.	1013364.	.09
0811800	BATH TUB, ENAMELED STEEL	1006922.	.09
0611200	SHEETROCK (STIPPLED) WALL FIN.	1004499.	.09
0614500	WALLPAPER INTERIOR WALL FIN.	1002129.	.09
0812300	FLOOR DRAIN, WITH BUCKET	980545.	.08
0415E30	WOOD, FINISH(SINGLE COAT)EXT.FIN.3RD FL.	979871.	.08
1122370	CIRCUIT BREAKER, FIXED < 599V 1P	973024.	.08
0432330	WOOD FRAME (PAINT) FIXED WNDW. 3RD+ FLR.	972663.	.08
1143110	LIGHTNING PROTECTION SYS. GENERAL WIRING	969327.	.08
0433230	ALUMINUM LOUVER (IN FRAME) 3RD FLOOR	968427.	.08
09C1120	EXHAUST FAN 1000 CFM	960141.	.08
0415E20	WOOD, FINISH(SINGLE COAT)EXT.FIN.2ND FL.	952496.	.08
0991F10	REFRIGERATION FAN COIL 1T	950306.	.08
1116100	TRANSFORMER, LIQUID FILLED BELOW 600 V	921722.	.08
0813600	VALVE, DRAIN	877222.	.08
0415E10	WOOD, FINISH(SINGLE COAT)EXT.FIN.1ST FL.	871632.	.07
0615100	PLYWOOD (PAINTED/STAINED) INT. WALL	865882.	.07
0434420	METAL WINDOW GRATINGS 2ND FLOOR	844523.	.07
0433120	WOOD LOUVER IN FRAME 2ND FLOOR	841126.	.07
1112000	OVERHEAD SERVICE FEEDER	839710.	.07
0431620	DOUBLE PANE ALUMINUM OPER.WNDW. 2ND FLR.	838046.	.07
0532110	ALUMINUM FRAME INTERIOR DOOR	801709.	.07
061A100	CONCRETE, UNFINISHED INTERIOR WALL	791827.	.07
0534220	STEEL LOUVERED INTERIOR DOOR	786426.	.07
0532210	WOOD FRAME PAINTED INTERIOR DOOR	779127.	.07
1131500	EMERGENCY LIGHTING FIXTURE	778197.	.07
1221600	FIRE ALARM CONT. PANEL	764919.	.07
0981510	BOILER PNEUMATIC COAL SPREADER	747244.	.06
0415I30	ALUMINUM SIDING EXTERIOR FIN. 3RD+ FLOOR	731613.	.06
0984290	RADIATOR VALVE 1"	728796.	.06
0981F00	RADIATOR, CAST IRON 10' SEC.	727080.	.06
0814B00	CIRCULATOR PUMP, 1/2 HP	712678.	.06
09A1510	6500 CFM	671206.	.06
0814J00	HOT WATER HEATER ELEC. 1000 GAL.	667264.	.06
0422110	ALUMINUM FRAME FULL GLZD EXT.DOOR	662111.	.06
0984370	STEAM TRAP,F&T<1"	655955.	.06
0432210	STEEL FRAME (PAINT) FIXED WNDW. 1ST FLR.	650287.	.06
09A1710	6500 CFM	649965.	.06
0844110	OPEN HEAD SPRINKLER HEAD	646446.	.06
0813400	VALVE, NON-DRAIN 2"-3"	640470.	.05
0415N30	PLATE GLASS EXTERIOR FINISH 3RD+ FLOOR	636880.	.05
0415F20	WOOD, FINISH(MULTI-COAT)EXT.FIN. 2ND FL.	633943.	.05
0571200	METAL INTERIOR RAILINGS	631739.	.05
1131700	EXIT LIGHT	625126.	.05
0984420	CIRCULATION PUMP 5 HP	614183.	.05
0814C00	STEAM CONVERTOR, DOMESTIC HOT WATER	605151.	.05
1215000	DOOR BELL	601520.	.05
0432510	GLASS BLOCK FIXED WINDOW 1ST FLOOR	600013.	.05
0434820	WOOD FRAME SCREEN WINDOW COVER 2ND FLOOR	579411.	.05
09A1C30	25000 CFM	578384.	.05
0614100	FORMICA INTERIOR WALL FIN.	576889.	.05
09A1C20	10000 CFM	574044.	.05
0431930	DOUBLE PANE PLASTIC FRM.OPR.WNDW.3RD FL.	569940.	.05
0432830	DOUBLE PANE WOOD FRM. FXD. WNDW. 3RD FL.	566804.	.05
0941300	STEAM REGULATION VALVE - 2"	559908.	.05
0415L10	STEEL (PAINT) EXTERIOR FIN. 1ST FLOOR	548093.	.05
0434810	WOOD FRAME SCREEN WINDOW COVER 1ST FLOOR	547580.	.05
0431710	DOUBLE PANE STEEL OPER.WNDW. 1ST FLOOR	547449.	.05
0433220	ALUMINUM LOUVERS (IN FRAME) 2ND FLOOR	547117.	.05
09A1110	6500 CFM	540023.	.05

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0814100	HOT WATER HEATER ELEC. 300 GAL.	537441.	.05
0421230	STEEL SLIDING PAINTED EXT DOOR	536906.	.05
11223C0	CIRCUIT BREAKER, FIXED > 600V 3P	525975.	.05
0434830	WOOD FRAME SCREEN WINDOW COVER 3RD FLOOR	518234.	.04
0432520	GLASS BLOCK FIXED WINDOW 2ND FLOOR	511461.	.04
0432530	GLASS BLOCK FIXED WINDOW 3RD+ FLOOR	506533.	.04
0981310	250 BTU	506027.	.04
0415A30	CONCRETE EXTERIOR FINISH 3RD+ FLOOR	503438.	.04
0813500	VALVE, NON-DRAIN 4"-6"	500394.	.04
0415I20	ALUMINUM SIDING EXTERIOR FIN. 2ND FLOOR	500216.	.04
0814H00	HOT WATER HEATER ELEC. 120 GAL.	495652.	.04
09A1120	10000 CFM	486493.	.04
0431910	DOUBLE PANE PLASTIC FRM.OPR.WNDW.1ST FL.	483269.	.04
0991A10	300 TONS	478455.	.04
09A1C60	SINGLE-ZONE DRAW THRU 2500 CFM	472292.	.04
1113100	SWITCHGEAR, MAIN FRAME, 1200 A.	467819.	.04
0434610	ALUMINUM FRAME SCREEN COVER 1ST FLOOR	464220.	.04
0831120	VACUUM PUMP	464137.	.04
0614800	CARPETED INTERIOR WALL FINISH	462623.	.04
0632100	ACOUSTICAL TILE CEILING	457601.	.04
0423210	SOLID CORE (PAINTED) WOOD EXTERIOR DOOR	452578.	.04
1221100	MANUAL PULL STATION	450630.	.04
0521100	STEEL PARTITIONS	448993.	.04
0433330	STEEL LOUVERS WITH FRAME 3RD FLOOR	442574.	.04
0814M00	HOT WATER STORAGE TANK, DHW	441486.	.04
0831130	GAS COMPRESSOR > 1/2 HP	439322.	.04
0415X20	FIBERGLASS PANELS EXT. FIN. 2ND FLOOR	436157.	.04
0415230	CLAY BRICK EXTERIOR FINISH THIRD+ FLOOR	434832.	.04
0415220	CLAY BRICK EXTERIOR FINISH SECOND FLOOR	431735.	.04
0431920	DOUBLE PANE PLASTIC FRM.OPR.WNDW.2ND FL.	431422.	.04
0415F30	WOOD, FINISH(MULTI-COAT)EXT.FIN. 3RD FL.	429156.	.04
0433530	ALUMINUM SHUTTER WITH FRAME 3RD FLOOR	424147.	.04
0811000	SINK, IRON ENAMEL	414789.	.04
0631200	SHEETROCK (STIPPLED) CEILING	413286.	.04
0431510	GLASS BLOCK (OPERABLE) WINDOW 1ST FLOOR	412932.	.04
0615300	TIMBER (FINISHED) INTERIOR WALL	409318.	.04
09A1C50	SINGLE ZONE DRAW THRU 1000 CFM	407714.	.03
1131620	L.P. 200 WATT	384776.	.03
0415210	CLAY BRICK EXTERIOR FINISH FIRST FLOOR	380787.	.03
0415910	CONCRETE BLOCK (WP/P) EXT. FIN. 1ST FLR.	379823.	.03
0811G00	SINK, PLASTIC	379047.	.03
0434630	ALUMINUM FRAME SCREEN COVER 3RD FLOOR	370959.	.03
0433520	ALUMINUM SHUTTER WITH FRAME 2ND FLOOR	370555.	.03
1119400	RECTIFIER, UNDER 600 V	366267.	.03
09A1210	6500 CFM	366169.	.03
1261100	TIME CONTROL CLOCK	365914.	.03
0422210	WOOD FRAME (PAINT) FULL GLZD.EXT DOOR	361974.	.03
0433410	WOOD SHUTTER WITH FRAME 1ST FLOOR	359367.	.03
0432810	DOUBLE PANE WOOD FRM. FXD.WNDW. 1ST FLR.	358751.	.03
0981810	CHEMICAL FEED SYSTEM	358708.	.03
0415H30	WOOD SHAKES (FINISH)EXT.FIN. 3RD+ FLOOR	357786.	.03
0433320	STEEL LOUVERS WITH FRAME 2ND FLOOR	353670.	.03
0421120	ALUMINUM (P&L) FRAME & DOOR	353344.	.03
0415X30	FIBERGLASS PANEL RGD. EXT. FIN. 3RD FL.	351181.	.03
0434620	ALUMINUM FRAME SCREEN COVER 2ND FLOOR	343083.	.03
0415H20	WOOD SHAKES (FINISH)EXT.FIN. 2ND FLOOR	343075.	.03
0415U30	EXTERIOR GYPSUM BOARD - PAINTED 3RD FLR.	340519.	.03
09C1160	EXHAUST FAN, 5000 CFM	331838.	.03
0432630	DOUBLE PANE ALUMINUM FIXED WNDW. 3RD FL.	326604.	.03
1221400	ANNUNCIATION PANEL	324929.	.03
0431110	ALUMINUM OPERABLE WINDOWS 1ST FLOOR	319544.	.03
0431130	ALUMINUM OPERABLE WINDOW 3RD+ FLOOR	318348.	.03
0432610	DOUBLE PANE ALUMINUM FIXED WNDW. 1ST FL.	305742.	.03
1221500	HEAT DETECTOR	302213.	.03
0415F10	WOOD, FINISH(MULTI-COAT)EXT.FIN. 1ST FL.	295569.	.03
0434430	METAL WINDOW GRATINGS 3RD FLOOR	292072.	.03
09C2100	METAL FLUE/CHIMNEY	284114.	.02
0572800	TERRAZZO INTERIOR STEPS	281988.	.02

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0415U20	EXTERIOR GYPSUM BOARD - PAINTED 2ND FLR.	275553.	.02
09A1910	200 CFM	271759.	.02
0415L20	STEEL (PAINT) EXTERIOR FIN. 2ND FLOOR	271698.	.02
0615600	PANEL (LAMINATED) INTERIOR WALL	270700.	.02
0534410	METAL MESH PAINTED INTERIOR DOOR	269438.	.02
0432930	DOUBLE PANE PLASTIC FRM.FXD.WNDW.3RD FL.	262921.	.02
1273100	STANDARD SUSPENDED HEATER	262160.	.02
0637100	PLATE GLASS (MOUNTED) CEILING	253610.	.02
063A100	CONCRETE, UNFINSHED CEILING	251834.	.02
09A1D30	UNIT HEATER 4000 CFM	251144.	.02
0814L00	HOT WATER HEATER ELEC. 52 GAL.	248100.	.02
09E1210	DAMPER CONTROLLER - ELECTRICAL	242254.	.02
0415920	CONCRETE BLOCK (WP/P) EXT. FIN. 2ND FLR.	242222.	.02
0619500	FIBERGLASS PANEL INTERIOR WALL FINISH	241887.	.02
0432620	DOUBLE PANE ALUMINUM FIXED WNDW. 2ND FL.	241539.	.02
0433610	STEEL SHUTTER WITH FRAME 1ST FLOOR	239898.	.02
0615700	BOARD (FINISHED) INTER. WALL	238577.	.02
0415310	CLAY BRICK (PAINTED) EXT. FIN. FIRST FL.	236308.	.02
0311410	CONCRETE, SEALED PANEL ROOFING	236004.	.02
0615500	PANEL (SOLID) INTERIOR WALL	234705.	.02
0533220	SOLID CORE (PAINTED) SLIDING INTER. DOOR	231182.	.02
0434730	STEEL FRAME SCREEN COVER 3RD FLOOR	229635.	.02
0415810	STONE EXTERIOR FINISH 1ST FLOOR	226977.	.02
0431530	GLASS BLOCK (OPERABLE) WINDOW 3RD+ FLOOR	226837.	.02
0571100	WOOD INTERIOR RAILINGS	226215.	.02
0426110	ALUMINUM (PLN & ANODZD) SCREEN/STORM DR.	221459.	.02
0434120	ALUMINUM FRAME STORM WINDOWS 2ND FLOOR	220260.	.02
0432920	DOUBLE PANE PLASTIC FRM.FXD.WNDW.2ND FL.	215391.	.02
0432820	DOUBLE PANE WOOD FRM. FXD. WNDW. 2ND FL.	213759.	.02
0991F20	REFRIGERATION FAN COIL 3T	210524.	.02
0811600	LAVATORY, ENAMELED STEEL	208128.	.02
0991210	1 TON	202320.	.02
1127300	SWITCH, PULL CORD	201602.	.02
0981410	2000 BTU	201384.	.02
0415I10	ALUMINUM SIDING EXTERIOR FIN. 1ST FLOOR	197714.	.02
0423230	SOLID CORE(SAFTY GLAS) PAINTED EXT. DOOR	196874.	.02
0984460	COND. RCVR.,10-15 GAL.	194896.	.02
0981320	2000 BTU	194144.	.02
0811J00	BATHTUB, PLASTIC	193797.	.02
0981K10	FLASH TANK	187999.	.02
09A1E40	HEAT PUMP 1T	186989.	.02
0572100	CONCRETE INTERIOR STEPS	186890.	.02
0431120	ALUMINUM OPERABLE WINDOW 2ND FLOOR	183901.	.02
0622400	MARBLE FLOORING	182881.	.02
0432910	DOUBLE PANE PLASTIC FRM.FXD.WNDW.1ST FL.	180814.	.02
0626100	STEEL FLOORING	177687.	.02
0534320	METAL WALK-IN INTERIOR COOLER DOOR	173670.	.01
1271000	BASEBOARD HEATERS	166840.	.01
1233000	TV CABLE OUTLET	164111.	.01
1122390	CIRCUIT BREAKER, FIXED < 599V 3P	163448.	.01
1272100	WALL MOUNTED & RECESSED WITH FAN	160649.	.01
0572200	WOOD INTERIOR STEPS	160148.	.01
1131410	HID, MERCURY VAPOR FIXTURE, 250-W	159697.	.01
0423220	SOLID CORE SLIDING WOOD EXT. DOOR	158232.	.01
0639400	FIBERGLASS PANEL CEILING FINISH	155287.	.01
09A1530	25000 CFM	152940.	.01
0991810	5 TONS	151687.	.01
0431430	PLASTIC (WOOD CR) FRM.OPER.WNDW.3RD+ FL.	150037.	.01
1221300	FIRE ALARM BELL	147616.	.01
0462100	CONCRETE EXTERIOR STEPS	147068.	.01
0415330	CLAY BRICK (PAINTD) EXT. FIN. THIRD+ FL.	146212.	.01
09A1940	1200 CFM	145966.	.01
0531130	STEEL SLIDING (PAINTED) INTERIOR DOORS	144835.	.01
0415J30	ALUMINUM SIDING (ANODZD) FIN. 3RD+ FLOOR	141967.	.01
0427400	ALUMINUM DOUBLE ROLL-UP EXT DOOR	141630.	.01
0821100	DRAIN, ROOF SCUPPER, AREA	141444.	.01
0614700	FABRIC INTERIOR WALL FINISH	141183.	.01
0415T20	ALUMINUM CORGATD PANEL EXT.FIN. 2ND FLR.	138866.	.01

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0311430	FIBERGLASS, RIGID ROOF	138296.	.01
0622300	BRICK FLOORING	137214.	.01
0431520	GLASS BLOCK (OPERABLE) WINDOW 2ND FLOOR	136838.	.01
0431720	DOUBLE PANE STEEL OPER. WNDW. 2ND FLOOR	134923.	.01
09A1920	400 CFM	133981.	.01
09A1150	MULTI-ZONE 2500 CFM	127013.	.01
0814700	EXPANSION CHAMBER	126611.	.01
0991440	CHILLER-AIR COOL RECIP. 5T	125541.	.01
1141000	ELECTRICAL SERVICE GROUND	125412.	.01
0431110	ALUMINUM FRAME STORM WINDOWS 1ST FLOOR	125125.	.01
0531140	STEEL (INSULATED) PAINTED INTERIOR DOOR	124956.	.01
0432710	DOUBLE PANE STEEL FIXED WNDW. 1ST FLOOR	124922.	.01
1131200	QUARTZ LIGHTING FIXTURE	123566.	.01
0415J20	ALUMINUM SIDING (ANODZD) FIN. 2ND FLOOR	122002.	.01
0415T10	ALUMINUM CORGATD.PANELS EXT.FIN.1ST FLR.	119478.	.01
0461200	METAL EXTERIOR STAIR RAILING	118441.	.01
09E1120	HUMIDITY SENSOR	114222.	.01
0813E00	HOSE BIBB	112896.	.01
0814900	CIRCULATOR PUMP, 1 1/2 HP	110616.	.01
0431410	PLASTIC (WOOD CR)FRM.OPER.WNDW.1ST FLOOR	110484.	.01
0941200	FLASH TANK, 24 GALLON	109438.	.01
0415930	CONCRETE BLOCK (WP/P) EXT. FIN. 3RD+ FL.	108430.	.01
0427300	ALUMINUM SINGLE ROLL-UP DOOR	107804.	.01
0434720	STEEL FRAME SCREEN COVER 2ND FLOOR	106233.	.01
0415T30	ALUMINUM CORGATD PANEL EXT.FIN. 3RD+ FL.	105603.	.01
0434710	STEEL FRAME SCREEN COVER 1ST FLOOR	105284.	.01
0427700	ALUMINUM (SINGLE LEAF) SPRING DOOR	105002.	.01
0634100	PAPER CEILING	104235.	.01
09A1E10	HEAT PUMP 5 TONS	100739.	.01
0424320	STEEL LOUVERED EXTERIOR DOORS	99968.	.01
1243000	LIGHT DIMMING PANEL	99812.	.01
0427100	STEEL SINGLE ROLL-UP DOOR	99669.	.01
0522100	FABRIC PARTITION	99592.	.01
0434310	WOOD FRAME STORM WINDOW 1ST FLOOR	99207.	.01
0981L00	STORAGE TANK,DHW	98992.	.01
09A1520	10000 CFM	98631.	.01
0431420	PLASTIC (WOOD CR) FRM.OPER.WNDW 2ND FLR.	92727.	.01
0823100	SUMP PUMP	92644.	.01
0442300	STEEL (METAL) PAINTED RAILING EXT.PORCH	92252.	.01
0415U10	EXTERIOR GYPSUM BOARD - PAINTED 1ST FLR.	91715.	.01
0433420	WOOD SHUTTER WITH FRAME 2ND FLOOR	90404.	.01
09C1140	EXHAUST FAN 25000 CFM	88627.	.01
1142000	BUILDING STRUCTURE GROUND	88196.	.01
0432120	ALUMINUM FIXED WINDOW 2ND FLOOR	87564.	.01
09C1130	EXHAUST FAN 10000 CFM	87083.	.01
0415J10	ALUMINUM SIDING (ANODZD) FIN. 1ST FLOOR	87030.	.01
0991310	AIR CONDITIONER PAD MOUNT. 5 TON	86760.	.01
0553300	PLASTER FINISH, FIREPLACE	85352.	.01
0625300	PLYWOOD FLOOR	84953.	.01
0634400	FORMICA CEILING FINISH	83104.	.01
0415H10	WOOD SHAKES (FINISH)EXT.FIN. 1ST FLOOR	83068.	.01
0415320	CLAY BRICK (PAINTD) EXT. FIN. SECOND FL.	83032.	.01
0991410	20 TONS	82979.	.01
0991C20	100 TONS	81766.	.01
0444100	METAL EXTERIOR PORCH COLUMNS	80979.	.01
0434530	METAL WIRE MESH WINDOW COVER 3RD FLOOR	76503.	.01
0615400	TIMBER (UNFINSHED) INTERIOR WALL	76325.	.01
0991F30	REFRIGERATION FAN COIL 5T	74625.	.01
0311420	CONCRETE, SEALED POUR-IN-PLACE	73807.	.01
0427200	STEEL DOUBLE ROLL-UP DOOR	73683.	.01
1119300	INVERTER	73555.	.01
0639300	ASBESTOS-ACOUSTICAL FIRE RATED TILE FIN.	73509.	.01
0434320	WOOD FRAME STORM WINDOW 2ND FLOOR	73160.	.01
0434130	ALUMINUM FRAME STORM WINDOWS 3RD FLOOR	72411.	.01
1122450	PLUG FUSE	70221.	.01
0551100	CLAY BRICK CHIMNEY, FIREPLACE	69577.	.01
0981030	200 KBTU	68390.	.01
1114200	TRANSFORMER, DRY, ABOVE 15,000 V	68234.	.01

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0423110	HOLLOW CORE (PAINTED) WOOD EXTERIOR DOOR	67004.	.01
0981100	EXPANSION TANK	66744.	.01
0612900	MASONITE INTERIOR WALL FINISH	66439.	.01
09A1B10	400 CFM	66382.	.01
0442200	WOOD EXTERIOR PORCH RAILING	64318.	.01
0425300	WOOD EXTERIOR GATE	63185.	.01
1282200	MOTOR GENERATOR, BATTERY	61615.	.01
0813800	WATER METER	61492.	.01
0981D10	25 KBTU	60841.	.01
0572600	CARPETED INTERIOR STEPS	59824.	.01
0612300	CONCRETE BLOCK WALL FINISH	59186.	.01
0991450	CHILLER AIR COOL REC 10T	58469.	.01
1122380	CIRCUIT BREAKER, FIXED < 599V 2P	57891.	.00
0572300	METAL INTERIOR STEPS	57600.	.00
0532220	WOOD FRAME PAINTED SLIDING INTERIOR DOOR	55386.	.00
0432720	DOUBLE PANE STEEL FIXED WNDW. 2ND FLOOR	55178.	.00
09E1130	FLOW SENSOR	54867.	.00
0421110	ALUMINUM (PLAIN & ANODIZED) EXT. DOOR	54672.	.00
0451100	STONE EXTERIOR CORNICE	54110.	.00
1272200	RADIANT SUSPENDED, COMMERCIAL	51598.	.00
0441300	METAL DECKING-PORCH	50745.	.00
0534310	STEEL VAULT DOOR	49917.	.00
0813200	PIPE & FITTINGS, COPPER	47897.	.00
0534210	ALUMINUM LOUVERED INTERIOR DOOR	47668.	.00
0811B00	SHOWER, PLASTIC	46980.	.00
0616100	ALUMINUM INTERIOR WALL	46732.	.00
0634200	PLASTIC CEILING	46665.	.00
1282100	STATIC CHARGER, BATTERY	45047.	.00
0424110	METAL GRATED PAINTED EXT DOOR	44724.	.00
0415L30	STEEL (PAINT) EXTERIOR FIN. 3RD+ FLOOR	44722.	.00
0921100	OIL STORAGE TANK, 275 GAL.	42087.	.00
0415P20	ASBESTOS EXTERIOR FINISH 2ND FLOOR	41787.	.00
0535300	ALUMINUM SINGLE ROLL-UP INTERIOR DOOR	41002.	.00
0617200	PLATE GLASS INTERIOR WALL	40974.	.00
0432110	ALUMINUM FIXED WINDOW 1ST FLOOR	40592.	.00
0941500	COND.METER,<300#/HR	40549.	.00
0421130	ALUMINUM SLIDING EXT PL & AL DOOR	39397.	.00
0811M00	EMERGENCY EYE WASH	38945.	.00
0617100	GLASS BLOCK INTERIOR WALL	38758.	.00
0421240	STEEL(INSUL CORE) PAINTED EXT DOOR	38392.	.00
0531210	STEEL UNPAINTED INTERIOR DOOR	38026.	.00
0534110	PANELED DOOR	35986.	.00
0831210	RUBBER	35225.	.00
0831150	COMPRESSED AIR DRYER	35188.	.00
09843A0	AIR SEPARATOR	35148.	.00
0831140	GAS COMPRESSOR > 15 HP	34551.	.00
0615900	WAINSCOT INTERIOR WALL	33705.	.00
0444200	WOOD EXTERIOR PORCH COLUMNS	33466.	.00
0813B00	CIRCULATOR PUMP 1/6 HP	33332.	.00
0462300	METAL EXTERIOR STEPS	33153.	.00
0991D10	20 TONS	32649.	.00
0432420	PLASTIC (WOOD FRM) FIXED WNDW. 2ND FLOOR	32398.	.00
0432730	DOUBLE PANE STEEL FIXED WNDW. 3RD+ FLOOR	32290.	.00
0434520	METAL WIRE MESH WINDOW COVER 2ND FLOOR	32201.	.00
0636200	METAL UNPAINTED INT. CEILING FINISH	31990.	.00
0432130	ALUNINUM FIXED WINDOW 3RD+ FLOOR	31896.	.00
0981D20	100 KBTU	31594.	.00
0814E00	HOT WATER HTR, GAS/OIL 75 GAL	31570.	.00
0432430	PLASTIC (WOOD FRM) FIXED WNDW. 3RD+ FLR.	31437.	.00
0612A00	GLAZED CONCR.MASON.UNIT INTER.WALL FIN.	31186.	.00
0813C00	CIRCULATOR PUMP 1/2 HP	29211.	.00
0534330	LEAD-LINED (WOOD) MEDICAL INTERIOR DOOR	29192.	.00
0415X10	FIBERGLASS PANELS EXT. FIN. 1ST FLOOR	28837.	.00
0811400	LAVATORY, IRON, ENAMEL	28382.	.00
0629200	CORK TILE FLOORING	28200.	.00
0421320	STEEL(SAFTY GLAS) UNPNT EXT DOOR	27404.	.00
1281500	TRANSFER SWITCH	27194.	.00
09A1930	600 CFM	27057.	.00

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CACES ID	COMPONENT DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
062D100	BITUMINOUS FLOORING	26449.	.00
0425200	STEEL EXTERIOR GATE	25860.	.00
0415G10	WOOD SHAKES (UNFINISH)EXT.FIN. 1ST FLOOR	24377.	.00
0415B20	STONE EXTERIOR FINISH 2ND FLOOR	24291.	.00
0614400	VINAL INTERIOR WALL FIN.	23892.	.00
1119100	METER, DARSONVAL GALVANOMETER	23845.	.00
0619300	CORK INTERIOR WALL TILE	23742.	.00
0415N10	PLATE GLASS EXTERIOR FINISH 1ST FLOOR	23145.	.00
0427800	STEEL (SINGLE LEAF) SPRING DOOR	23101.	.00
0421150	ALUM (INSULATED) P&A EXT DOOR	21462.	.00
0572500	MASONRY INTERIOR STEPS (PAINTED)	21179.	.00
0433110	WOOD LOUVER IN FRAME 1ST FLOOR	21009.	.00
0615800	BOARD (UNFINISHED) INTER. WALL	20830.	.00
0991110	5 TONS	20583.	.00
0981710	FUEL OIL EQUIPMENT	19545.	.00
0615200	PLYWOOD (UNPNTED/UNSTAINED) INT. WALL	19335.	.00
0462400	MASONRY EXTERIOR STEPS (UNPAINTED)	18478.	.00
0415G30	WOOD SHAKES (UNFINISH)EXT.FIN. 3RD+ FLR.	18084.	.00
0415S10	PORCELAIN PANELS EXTERIOR FIN. 1ST FLOOR	17851.	.00
1122410	SAFETY SWITCH FUSED 1P	17647.	.00
0981J10	STEAM CONVERTOR,<300,000	17513.	.00
0441200	WOOD DECKING - PORCH	16721.	.00
0421310	STEEL (UNPAINTED) METAL EXTERIOR DOOR	16423.	.00
0632300	CERAMIC PAN CEILING	16297.	.00
0415B30	STONE EXTERIOR FINISH 3RD+ FLOOR	16004.	.00
1113200	FUSE	15285.	.00
09E1140	RADIATION SENSOR	14891.	.00
0994280	DRAIN VALVE	14491.	.00
0415K10	STEEL (SELF-CAT) EXT. FIN. 1ST FLOOR	14247.	.00
09C1210	AIR CURTAIN, 1000 CFM	13929.	.00
1122440	LOW VOLTAGE CARTRIDGE	13653.	.00
0551200	CONCRETE CHIMNEY, FIREPLACE	13487.	.00
0415G20	WOOD SHAKES (UNFINISH)EXT.FIN. 2ND FLOOR	13299.	.00
0813F00	CIRCULATION PUMP GREATER THAN 1 HP	12501.	.00
0432410	PLASTIC (WOOD FRM) FIXED WNDW. 1ST FLR.	12170.	.00
0551400	METAL PIPE CHIMNEY, FIREPLACES	11211.	.00
0811L00	EMERGENCY SHOWER STATION	11068.	.00
0415P10	ASBESTOS EXTERIOR FINISH 1ST FLOOR	10354.	.00
0931100	LPG STORAGE TANK,1000 GALLON	9990.	.00
0415N20	PLATE GLASS EXTERIOR FINISH 2ND FLOOR	9971.	.00
0443100	CONCRETE EXTERIOR PORCH SUPPORTS	9854.	.00
0991220	2 TONS	9641.	.00
0814000	HOT WATER HTR, GAS/OIL 30 GAL	9422.	.00
0981B10	BLOWOFF SYSTEM	9243.	.00
0811N00	SHOWER, CMU	9199.	.00
0572400	MASONRY INTERIOR STEPS (UNPAINTED)	9053.	.00
0811K00	LAVATORY, PLASTIC	8699.	.00
0462600	QUARRY TILE EXTERIOR STEPS	8684.	.00
0637200	PLATE GLASS (SUSPENDED) CEILING FINISH	8507.	.00
0535400	ALUMINUM DOUBLE ROLL-UP INTERIOR DOOR	8490.	.00
0424310	ALUMINUM LOUVERED EXT DOORS	7973.	.00
0421340	STEEL (INSUL CORE) UNPNT EXT DOOR	7926.	.00
1115200	SWITCHGEAR, INDOOR ABOVE 600 V	7861.	.00
09E1150	WIND VELOCITY SENSOR	7793.	.00
0994210	GATE VALVE,3/8"-1 1/2"	7454.	.00
0415510	CONCRETE BRICK (PNTED) EXT. FIN. 1ST FL.	7141.	.00
0814000	CIRCULATION PUMP > 1 HP.	6788.	.00
0461100	WOOD EXTERIOR STAIR RAILING	6547.	.00
0462500	MASONRY EXTERIOR STEPS (PAINTED)	6527.	.00
09A1A30	600 CFM	6290.	.00
1122330	CIRCUIT BREAKER, FIXED, 0-599 V	5976.	.00
0637310	SINGLE GLASS SKYLIGHT UNITS	5722.	.00
0616200	STEEL INTERIOR FINISH (UNPAINTED)	5512.	.00
1145000	SPECIAL GROUND SYSTEM	5036.	.00
0415820	CONCRETE BLOCK EXTERIOR FIN. 2ND FLOOR	4959.	.00
0415020	FORMICA - VINYL EXTERIOR FIN. 2ND FLOOR	4595.	.00
0433630	STEEL SHUTTER WITH FRAME 3RD FLOOR	4498.	.00
1122360	CIRCUIT BREAKER, M.C. > 600V 3P	4472.	.00

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CACES ID	COMPONENT DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0462200	WOOD EXTERIOR STEPS	4433.	.00
0616500	LEAD-LINED INTERIOR WALL	4408.	.00
0424210	METAL WIRE MESH PAINTED EXT DOOR	4376.	.00
0444300	CLAY BRICK EXTERIOR PORCH COLUMNS	4204.	.00
1122340	CIRCUIT BREAKER, FIXED, 600V AND OVER	4164.	.00
0841200	WASTE DISPOSAL, RESIDENTIAL	4019.	.00
0639100	ACOUSTICAL TILE-SPECIAL PURPOSE	3944.	.00
0571300	WROUGHT IRON INTERIOR STAIR RAILINGS	3796.	.00
0422120	ALUMINUM FRAME FULL GLZD SLDING EXT.DOOR	3700.	.00
0425100	ALUMINUM EXTERIOR GATE	3666.	.00
0421140	ALUMINUM (WOOD CORE) EXT DOOR	3590.	.00
0422220	WOOD FRAME (PNTD) FULL GLZD SLDING DOOR	3569.	.00
0612600	CONCRETE BRICK WALL FINISH	3458.	.00
0813A00	CIRCULATOR PUMP 1 1/2 HP	3351.	.00
0634300	FABRIC CEILING	3334.	.00
0415830	CONCRETE BLOCK EXTERIOR FIN. 3RD+ FLOOR	3320.	.00
0632400	CERAMIC TILE CEILING	3277.	.00
0415M10	GLASS BLOCK EXTERIOR FINISH 1ST FLOOR	3099.	.00
1144000	COMPUTER SYSTEM GROUND	2709.	.00
0637320	SKYLIGHT INTEGRATED W/STRUCTURE	2636.	.00
0442400	STEEL (METAL)UNPAINTED RAILING EXT.PORCH	2598.	.00
0813700	EXPANSION CHAMBER	2559.	.00
0415810	CONCRETE BLOCK EXTERIOR FIN. 1ST FLOOR	2360.	.00
0531220	STEEL (W/SAFETY GLASS) INTERIOR DOORS	2186.	.00
0311210	MOD. BITUMINOUS / THERMOPLASTIC	1908.	.00
0612700	FIREBRICK WALL	1867.	.00
0443300	CLAY BRICK EXTERIOR PORCH SUPPORTS	1783.	.00
0443200	WOOD EXTERIOR PORCH SUPPORTS	1727.	.00
0415K20	STEEL (SELF-COAT) EXT. FIN. 2ND FLOOR	1541.	.00
0619100	STONE INTERIOR WALL	1512.	.00
0415M20	GLASS BLOCK EXTERIOR FINISH 2ND FLOOR	1254.	.00
0461400	STEEL (METAL) UNPNTD.EXTER.STAIR RAILING	1138.	.00
0612100	CLAY BLOCK WALL FINISH	1134.	.00
0443400	STEEL (METAL) EXTER. PORCH-DECK SUPPORTS	985.	.00
0553100	CLAY BRICK FINISH, FIREPLACE	704.	.00
1122320	CIRCUIT BREAKER, MC, 600 V AND OVER	431.	.00
0415010	FORMICA - VINYL EXTERIOR FIN. 1ST FLOOR	413.	.00
0442100	WROUGHT IRON EXT. PORCH RAILING	293.	.00
0415410	CONCRETE BRICK EXTERIOR FIN. 1ST FLOOR	272.	.00
0424120	METAL GRATED UNPAINTED EXT DOOR	211.	.00
0551300	STONE CHIMNEY, FIREPLACE	178.	.00
0555200	METAL PIPE FLUE, ARCHITECTURAL	132.	.00
0534420	METAL MESH INTERIOR UNPAINTED DOOR	41.	.00
0552300	STONE MANTEL	30.	.00
0424220	METAL WIRE MESH UNPAINTED EXT DOOR	26.	.00

APPENDIX J: Percentage of Maintenance Cost by Components for All Buildings

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CACES ID	COMPONENT DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0000000	TOTAL DOLLAR AMOUNT FOR YEARS	1165136000.	
0311100	BUILT-UP ROOFING	6338820.	.54
0311210	MOD. BITUMINOUS / THERMOPLASTIC	1908.	.00
0311310	SLATE	2089828.	.18
0311320	CEMENT ASBESTOS	5043503.	.43
0311330	TILE	9160256.	.79
0311340	ROLL ROOFING	63589840.	5.46
0311350	SHINGLES	40076560.	3.44
0311360	METAL	28131580.	2.41
0311370	FIBERGLASS RIGID,STEEP ROOF	2211878.	.19
0311410	CONCRETE, SEALED PANEL ROOFING	236004.	.02
0311420	CONCRETE, SEALED POUR-IN-PLACE	73807.	.01
0311430	FIBERGLASS, RIGID ROOF	138296.	.01
0415210	CLAY BRICK EXTERIOR FINISH FIRST FLOOR	380787.	.03
0415220	CLAY BRICK EXTERIOR FINISH SECOND FLOOR	431735.	.04
0415230	CLAY BRICK EXTERIOR FINISH THIRD+ FLOOR	434832.	.04
0415310	CLAY BRICK (PAINTED) EXT. FIN. FIRST FL.	236308.	.02
0415320	CLAY BRICK (PAINTD) EXT. FIN. SECOND FL.	83032.	.01
0415330	CLAY BRICK (PAINTD) EXT. FIN. THIRD+ FL.	146212.	.01
0415410	CONCRETE BRICK EXTERIOR FIN. 1ST FLOOR	272.	.00
0415510	CONCRETE BRICK (PNTED) EXT. FIN. 1ST FL.	7141.	.00
0415810	CONCRETE BLOCK EXTERIOR FIN. 1ST FLOOR	2360.	.00
0415820	CONCRETE BLOCK EXTERIOR FIN. 2ND FLOOR	4959.	.00
0415830	CONCRETE BLOCK EXTERIOR FIN. 3RD+ FLOOR	3320.	.00
0415910	CONCRETE BLOCK (WP/P) EXT. FIN. 1ST FLR.	379823.	.03
0415920	CONCRETE BLOCK (WP/P) EXT. FIN. 2ND FLR.	242222.	.02
0415930	CONCRETE BLOCK (WP/P) EXT. FIN. 3RD+ FL.	108430.	.01
0415A10	CONCRETE EXTERIOR FINISH 1ST FLOOR	1697718.	.15
0415A20	CONCRETE EXTERIOR FINISH 2ND FLOOR	1078685.	.09
0415A30	CONCRETE EXTERIOR FINISH 3RD+ FLOOR	503438.	.04
0415B10	STONE EXTERIOR FINISH 1ST FLOOR	226977.	.02
0415B20	STONE EXTERIOR FINISH 2ND FLOOR	24291.	.00
0415B30	STONE EXTERIOR FINISH 3RD+ FLOOR	16004.	.00
0415C10	STUCCO EXTERIOR FINISH 1ST FLOOR	15136760.	1.30
0415C20	STUCCO EXTERIOR FINISH 2ND FLOOR	22348110.	1.92
0415C30	STUCCO EXTERIOR FINISH 3RD+ FLOOR	22834620.	1.96
0415E10	WOOD, FINISH(SINGLE COAT)EXT.FIN.1ST FL.	871632.	.07
0415E20	WOOD, FINISH(SINGLE COAT)EXT.FIN.2ND FL.	952496.	.08
0415E30	WOOD, FINISH(SINGLE COAT)EXT.FIN.3RD FL.	979871.	.08
0415F10	WOOD, FINISH(MULTI-COAT)EXT.FIN. 1ST FL.	295569.	.03
0415F20	WOOD, FINISH(MULTI-COAT)EXT.FIN. 2ND FL.	633943.	.05
0415F30	WOOD, FINISH(MULTI-COAT)EXT.FIN. 3RD FL.	429156.	.04
0415G10	WOOD SHAKES (UNFINISH)EXT.FIN. 1ST FLOOR	24377.	.00
0415G20	WOOD SHAKES (UNFINISH)EXT.FIN. 2ND FLOOR	13299.	.00
0415G30	WOOD SHAKES (UNFINISH)EXT.FIN. 3RD+ FLR.	18084.	.00
0415H10	WOOD SHAKES (FINISH)EXT.FIN. 1ST FLOOR	83068.	.01
0415H20	WOOD SHAKES (FINISH)EXT.FIN. 2ND FLOOR	343075.	.03
0415H30	WOOD SHAKES (FINISH)EXT.FIN. 3RD+ FLOOR	357786.	.03
0415I10	ALUMINUM SIDING EXTERIOR FIN. 1ST FLOOR	197714.	.02
0415I20	ALUMINUM SIDING EXTERIOR FIN. 2ND FLOOR	500216.	.04
0415I30	ALUMINUM SIDING EXTERIOR FIN. 3RD+ FLOOR	731613.	.06
0415J10	ALUMINUM SIDING (ANODZD) FIN. 1ST FLOOR	87030.	.01
0415J20	ALUMINUM SIDING (ANODZD) FIN. 2ND FLOOR	122002.	.01
0415J30	ALUMINUM SIDING (ANODZD) FIN. 3RD+ FLOOR	141967.	.01
0415K10	STEEL (SELF-CAT) EXT. FIN. 1ST FLOOR	14247.	.00
0415K20	STEEL (SELF-COAT) EXT. FIN. 2ND FLOOR	1541.	.00
0415L10	STEEL (PAINT) EXTERIOR FIN. 1ST FLOOR	548093.	.05
0415L20	STEEL (PAINT) EXTERIOR FIN. 2ND FLOOR	271698.	.02
0415L30	STEEL (PAINT) EXTERIOR FIN. 3RD+ FLOOR	44722.	.00
0415M10	GLASS BLOCK EXTERIOR FINISH 1ST FLOOR	3099.	.00
0415M20	GLASS BLOCK EXTERIOR FINISH 2ND FLOOR	1254.	.00
0415N10	PLATE GLASS EXTERIOR FINISH 1ST FLOOR	23145.	.00
0415N20	PLATE GLASS EXTERIOR FINISH 2ND FLOOR	9971.	.00
0415N30	PLATE GLASS EXTERIOR FINISH 3RD+ FLOOR	636880.	.05
0415O10	FORMICA - VINYL EXTERIOR FIN. 1ST FLOOR	413.	.00
0415O20	FORMICA - VINYL EXTERIOR FIN. 2ND FLOOR	4595.	.00
0415P10	ASBESTOS EXTERIOR FINISH 1ST FLOOR	10354.	.00

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0415P20	ASBESTOS EXTERIOR FINISH 2ND FLOOR	41787.	.00
0415S10	PORCELAIN PANELS EXTERIOR FIN. 1ST FLOOR	17851.	.00
0415T10	ALUMINUM CORGATD.PANELS EXT.FIN.1ST FLR.	119478.	.01
0415T20	ALUMINUM CORGATD PANEL EXT.FIN. 2ND FLR.	138866.	.01
0415T30	ALUMINUM CORGATD PANEL EXT.FIN. 3RD+ FL.	105603.	.01
0415U10	EXTERIOR GYPSUM BOARD - PAINTED 1ST FLR.	91715.	.01
0415U20	EXTERIOR GYPSUM BOARD - PAINTED 2ND FLR.	275553.	.02
0415U30	EXTERIOR GYPSUM BOARD - PAINTED 3RD FLR.	340519.	.03
0415X10	FIBERGLASS PANELS EXT. FIN. 1ST FLOOR	28837.	.00
0415X20	FIBERGLASS PANELS EXT. FIN. 2ND FLOOR	436157.	.04
0415X30	FIBERGLASS PANEL RGD. EXT. FIN. 3RD FL.	351181.	.03
0421110	ALUMINUM (PLAIN & ANODIZED) EXT. DOOR	54672.	.00
0421120	ALUMINUM (P&L) FRAME & DOOR	353344.	.03
0421130	ALUMINUM SLIDING EXT PL & AL DOOR	39397.	.00
0421140	ALUMINUM (WOOD CORE) EXT DOOR	3590.	.00
0421150	ALUM (INSULATED) P&A EXT DOOR	21462.	.00
0421210	STEEL (PAINTED) METAL EXTERIOR DOOR	2583228.	.22
0421220	STEEL (W/SAFTY GLAS) PAINTED EXT. DOOR	1039101.	.09
0421230	STEEL SLIDING PAINTED EXT DOOR	536906.	.05
0421240	STEEL(INSUL CORE) PAINTED EXT DOOR	38392.	.00
0421310	STEEL (UNPAINTED) METAL EXTERIOR DOOR	16423.	.00
0421320	STEEL(SAFTY GLAS) UNPNT EXT DOOR	27404.	.00
042134.	STEEL (INSUL CORE) UNPNT EXT DOOR	7926.	.00
0422110	ALUMINUM FRAME FULL GLZD EXT.DOOR	662111.	.06
0422120	ALUMINUM FRAME FULL GLZD SLDING EXT.DOOR	3700.	.00
0422210	WOOD FRAME (PAINT) FULL GLZD.EXT DOOR	361974.	.03
0422220	WOOD FRAME (PNTD) FULL GLZD SLDING DOOR	3569.	.00
0423110	HOLLOW CORE (PAINTED) WOOD EXTERIOR DOOR	67004.	.01
0423210	SOLID CORE (PAINTED) WOOD EXTERIOR DOOR	452578.	.04
0423220	SOLID CORE SLIDING WOOD EXT. DOOR	158232.	.01
0423230	SOLID CORE(SAFTY GLAS) PAINTED EXT. DOOR	196874.	.02
0424110	METAL GRATED PAINTED EXT DOOR	44724.	.00
0424120	METAL GRATED UNPAINTED EXT DOOR	211.	.00
0424210	METAL WIRE MESH PAINTED EXT DOOR	4376.	.00
0424220	METAL WIRE MESH UNPAINTED EXT DOOR	26.	.00
0424310	ALUMINUM LOUVERED EXT DOORS	7973.	.00
0424320	STEEL LOUVERED EXTERIOR DOORS	99968.	.01
0425100	ALUMINUM EXTERIOR GATE	3666.	.00
0425200	STEEL EXTERIOR GATE	25860.	.00
0425300	WOOD EXTERIOR GATE	63185.	.01
0426110	ALUMINUM (PLN & ANODZD) SCREEN/STORM DR.	221459.	.02
0427100	STEEL SINGLE ROLL-UP DOOR	99669.	.01
0427200	STEEL DOUBLE ROLL-UP DOOR	73683.	.01
0427300	ALUMINUM SINGLE ROLL-UP DOOR	107804.	.01
0427400	ALUMINUM DOUBLE ROLL-UP EXT DOOR	141630.	.01
0427700	ALUMINUM (SINGLE LEAF) SPRING DOOR	105002.	.01
0427800	STEEL (SINGLE LEAF) SPRING DOOR	23101.	.00
0431110	ALUMINUM OPERABLE WINDOWS 1ST FLOOR	319544.	.03
0431120	ALUMINUM OPERABLE WINDOW 2ND FLOOR	183901.	.02
0431130	ALUMINUM OPERABLE WINDOW 3RD+ FLOOR	318348.	.03
0431210	STEEL FRM.(PAINT)OPER.WNDW 1ST FLOOR	2388552.	.21
0431220	STEEL FRM.(PAINT) OPER.WNDW 2ND FLOOR	1856071.	.16
0431230	STEEL FRM.(PAINT) OPER.WNDW 3RD+ FLOOR	2252809.	.19
0431310	WOOD FRM.(PAINT) OPER.WNDW 1ST FLOOR	5571216.	.48
0431320	WOOD FRM.(PAINT) OPER.WNDW 2ND FLOOR	9912922.	.85
0431330	WOOD FRM. (PAINT) OPER. WNDW. 3RD+ FLOOR	8163642.	.70
0431410	PLASTIC (WOOD CR)FRM.OPER.WNDW.1ST FLOOR	110484.	.01
0431420	PLASTIC (WOOD CR) FRM.OPER.WNDW 2ND FLR.	92727.	.01
0431430	PLASTIC (WOOD CR) FRM.OPER.WNDW.3RD+ FL.	150037.	.01
0431510	GLASS BLOCK (OPERABLE) WINDOW 1ST FLOOR	412932.	.04
0431520	GLASS BLOCK (OPERABLE) WINDOW 2ND FLOOR	136838.	.01
0431530	GLASS BLOCK (OPERABLE) WINDOW 3RD+ FLOOR	226837.	.02
0431610	DOUBLE PANE ALUMINUM OPER.WNDW. 1ST FLR.	1013364.	.09
0431620	DOUBLE PANE ALUMINUM OPER.WNDW. 2ND FLR.	838046.	.07
0431630	DOUBLE PANE ALUMINUM OPER.WNDW. 3RD+ FL.	1016099.	.09
0431710	DOUBLE PANE STEEL OPER.WNDW. 1ST FLOOR	547449.	.05
0431720	DOUBLE PANE STEEL OPER. WNDW. 2ND FLOOR	134923.	.01
0431810	DOUBLE PANE WOOD FRM.OPER.WNDW. 1ST FLR.	2384821.	.20

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0431820	DOUBLE PANE WOOD FRM. OPER.WNDW. 2ND FL.	5306027.	.46
0431830	DOUBLE PANE WOOD FRM.OPER.WNDW. 3RD+ FL.	8003079.	.69
0431910	DOUBLE PANE PLASTIC FRM.OPR.WNDW.1ST FL.	483269.	.04
0431920	DOUBLE PANE PLASTIC FRM.OPR.WNDW.2ND FL.	431422.	.04
0431930	DOUBLE PANE PLASTIC FRM.OPR.WNDW.3RD FL.	569940.	.05
0432110	ALUMINUM FIXED WINDOW 1ST FLOOR	40592.	.00
0432120	ALUMINUM FIXED WINDOW 2ND FLOOR	87564.	.01
0432130	ALUNINUM FIXED WINDOW 3RD+ FLOOR	31896.	.00
0432210	STEEL FRAME (PAINT) FIXED WNDW. 1ST FLR.	650287.	.06
0432220	STEEL FRAME (PAINT) FIXED WNDW. 2ND FLR.	2138548.	.18
0432230	STEEL FRAME (PAINT) FIXED WNDW. 3RD+ FL.	4869544.	.42
0432310	WOOD FRAME (PAINT) FIXED WNDW. 1ST FLOOR	4372919.	.38
0432320	WOOD FRAME (PAINT) FIXED WNDW. 2ND FLOOR	3078651.	.26
0432330	WOOD FRAME (PAINT) FIXED WNDW. 3RD+ FLR.	972663.	.08
0432410	PLASTIC (WOOD FRM) FIXED WNDW. 1ST FLR.	12170.	.00
0432420	PLASTIC (WOOD FRM) FIXED WNDW. 2ND FLOOR	32398.	.00
0432430	PLASTIC (WOOD FRM) FIXED WNDW. 3RD+ FLR.	31437.	.00
0432510	GLASS BLOCK FIXED WINDOW 1ST FLOOR	600013.	.05
0432520	GLASS BLOCK FIXED WINDOW 2ND FLOOR	511461.	.04
0432530	GLASS BLOCK FIXED WINDOW 3RD+ FLOOR	506533.	.04
0432610	DOUBLE PANE ALUMINUM FIXED WNDW. 1ST FL.	305742.	.03
0432620	DOUBLE PANE ALUMINUM FIXED WNDW. 2ND FL.	241539.	.02
0432630	DOUBLE PANE ALUMINUM FIXED WNDW. 3RD FL.	326604	.03
0432710	DOUBLE PANE STEEL FIXED WNDW. 1ST FLOOR	124922.	.01
0432720	DOUBLE PANE STEEL FIXED WNDW. 2ND FLOOR	55178.	.00
0432730	DOUBLE PANE STEEL FIXED WNDW. 3RD+ FLOOR	32290.	.00
0432810	DOUBLE PANE WOOD FRM. FXD.WNDW. 1ST FLR.	358751.	.03
0432820	DOUBLE PANE WOOD FRM. FXD. WNDW. 2ND FL.	213759.	.02
0432830	DOUBLE PANE WOOD FRM. FXD. WNDW. 3RD FL.	566804.	.05
0432910	DOUBLE PANE PLASTIC FRM.FXD.WNDW.1ST FL.	180814.	.02
0432920	DOUBLE PANE PLASTIC FRM.FXD.WNDW.2ND FL.	215391.	.02
0432930	DOUBLE PANE PLASTIC FRM.FXD.WNDW.3RD FL.	262921.	.02
0433110	WOOD LOUVER IN FRAME 1ST FLOOR	21009.	.00
0433120	WOOD LOUVER IN FRAME 2ND FLOOR	841126.	.07
0433130	WOOD LOUVER IN FRAME 3RD FLOOR	2629590.	.23
0433210	ALUMINUM LOUVER IN FRAME 1ST FLOOR	1736783.	.15
0433220	ALUMINUM LOUVERS (IN FRAME) 2ND FLOOR	547117.	.05
0433230	ALUMINUM LOUVER (IN FRAME) 3RD FLOOR	968427.	.08
0433310	STEEL LOUVERS WITH FRAME 1ST FLOOR	1303914.	.11
0433320	STEEL LOUVERS WITH FRAME 2ND FLOOR	353670.	.03
0433330	STEEL LOUVERS WITH FRAME 3RD FLOOR	442574.	.04
0433410	WOOD SHUTTER WITH FRAME 1ST FLOOR	359367.	.03
0433420	WOOD SHUTTER WITH FRAME 2ND FLOOR	90404.	.01
0433510	ALUMINUM SHUTTER WITH FRAME 1ST FLOOR	2616175.	.22
0433520	ALUMINUM SHUTTER WITH FRAME 2ND FLOOR	370555.	.03
0433530	ALUMINUM SHUTTER WITH FRAME 3RD FLOOR	424147.	.04
0433610	STEEL SHUTTER WITH FRAME 1ST FLOOR	239898.	.02
0433630	STEEL SHUTTER WITH FRAME 3RD FLOOR	4498.	.00
0434110	ALUMINUM FRAME STORM WINDOWS 1ST FLOOR	125125.	.01
0434120	ALUMINUM FRAME STORM WINDOWS 2ND FLOOR	220260.	.02
0434130	ALUMINUM FRAME STORM WINDOWS 3RD FLOOR	72411.	.01
0434310	WOOD FRAME STORM WINDOW 1ST FLOOR	99207.	.01
0434320	WOOD FRAME STORM WINDOW 2ND FLOOR	73160.	.01
0434410	METAL WINDOW GRATINGS 1ST FLOOR	4866016.	.42
0434420	METAL WINDOW GRATINGS 2ND FLOOR	844523.	.07
0434430	METAL WINDOW GRATINGS 3RD FLOOR	292072.	.03
0434510	METAL WIRE MESH WINDOW COVER 1ST FLOOR	1513596.	.13
0434520	METAL WIRE MESH WINDOW COVER 2ND FLOOR	32201.	.00
0434530	METAL WIRE MESH WINDOW COVER 3RD FLOOR	76503.	.01
0434610	ALUMINUM FRAME SCREEN COVER 1ST FLOOR	464220.	.04
0434620	ALUMINUM FRAME SCREEN COVER 2ND FLOOR	343083.	.03
0434630	ALUMINUM FRAME SCREEN COVER 3RD FLOOR	370959.	.03
0434710	STEEL FRAME SCREEN COVER 1ST FLOOR	105284.	.01
0434720	STEEL FRAME SCREEN COVER 2ND FLOOR	106233.	.01
0434730	STEEL FRAME SCREEN COVER 3RD FLOOR	229635.	.02
0434810	WOOD FRAME SCREEN WINDOW COVER 1ST FLOOR	547580.	.05
0434820	WOOD FRAME SCREEN WINDOW COVER 2ND FLOOR	579411.	.05
0434830	WOOD FRAME SCREEN WINDOW COVER 3RD FLOOR	518234.	.04

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0441100	CONCRETE DECKING - PORCH	1889173.	.16
0441200	WOOD DECKING - PORCH	16721.	.00
0441300	METAL DECKING-PORCH	50745.	.00
0442100	WROUGHT IRON EXT. PORCH RAILING	293.	.00
0442200	WOOD EXTERIOR PORCH RAILING	64318.	.01
0442300	STEEL (METAL) PAINTED RAILING EXT.PORCH	92252.	.01
0442400	STEEL (METAL)UNPAINTED RAILING EXT.PORCH	2598.	.00
0443100	CONCRETE EXTERIOR PORCH SUPPORTS	9854.	.00
0443200	WOOD EXTERIOR PORCH SUPPORTS	1727.	.00
0443300	CLAY BRICK EXTERIOR PORCH SUPPORTS	1783.	.00
0443400	STEEL (METAL) EXTER. PORCH-DECK SUPPORTS	985.	.00
0444100	METAL EXTERIOR PORCH COLUMNS	80979.	.01
0444200	WOOD EXTERIOR PORCH COLUMNS	33466.	.00
0444300	CLAY BRICK EXTERIOR PORCH COLUMNS	4204.	.00
0451100	STONE EXTERIOR CORNICE	54110.	.00
0461100	WOOD EXTERIOR STAIR RAILING	6547.	.00
0461200	METAL EXTERIOR STAIR RAILING	118441.	.01
0461400	STEEL (METAL) UNPNTD.EXTER.STAIR RAILING	1138.	.00
0462100	CONCRETE EXTERIOR STEPS	147068.	.01
0462200	WOOD EXTERIOR STEPS	4433.	.00
0462300	METAL EXTERIOR STEPS	33153.	.00
0462400	MASONRY EXTERIOR STEPS (UNPAINTED)	18478.	.00
0462500	MASONRY EXTERIOR STEPS (PAINTED)	6527.	.00
0462600	QUARRY TILE EXTERIOR STEPS	8684.	.00
0521100	STEEL PARTITIONS	448993.	.04
0522100	FABRIC PARTITION	99592.	.01
0531110	STEEL PAINTED INTERIOR DOOR	7038297.	.60
0531120	STEEL (W/SAFETY GLASS) PANTD.INTER.DOORS	1942918.	.17
0531130	STEEL SLIDING (PAINTED) INTERIOR DOORS	144835.	.01
0531140	STEEL (INSULATED) PAINTED INTERIOR DOOR	124956.	.01
0531210	STEEL UNPAINTED INTERIOR DOOR	38026.	.00
0531220	STEEL (W/SAFETY GLASS) INTERIOR DOORS	2186.	.00
0532110	ALUMINUM FRAME INTERIOR DOOR	801709.	.07
0532210	WOOD FRAME PAINTED INTERIOR DOOR	779127.	.07
0532220	WOOD FRAME PAINTED SLIDING INTERIOR DOOR	55386.	.00
0533110	HOLLOW CORE(PAINTED)INTERIOR DOOR	29330740.	2.52
0533120	HOLLOW CORE(PAINTED)SLIDING INTER. DOOR	1194232.	.10
0533210	SOLID CORE (PAINTED) INTERIOR DOOR	14520550.	1.25
0533220	SOLID CORE (PAINTED) SLIDING INTER. DOOR	231182.	.02
0533230	SOLID CORE(W/SAFETY GLASS)(PNTD)INT.DOOR	1123792.	.10
0534110	PANELED DOOR	35986.	.00
0534210	ALUMINUM LOUVERED INTERIOR DOOR	47668.	.00
0534220	STEEL LOUVERED INTERIOR DOOR	786426.	.07
0534230	WOOD LOUVERED INTERIOR DOORS	1662273.	.14
0534310	STEEL VAULT DOOR	49917.	.00
0534320	METAL WALK-IN INTERIOR COOLER DOOR	173670.	.01
0534330	LEAD-LINED (WOOD) MEDICAL INTERIOR DOOR	29192.	.00
0534410	METAL MESH PAINTED INTERIOR DOOR	269438.	.02
0534420	METAL MESH INTERIOR UNPAINTED DOOR	41.	.00
0535300	ALUMINUM SINGLE ROLL-UP INTERIOR DOOR	41002.	.00
0535400	ALUMINUM DOUBLE ROLL-UP INTERIOR DOOR	8490.	.00
0551100	CLAY BRICK CHIMNEY, FIREPLACE	69577.	.01
0551200	CONCRETE CHIMNEY, FIREPLACE	13487.	.00
0551300	STONE CHIMNEY, FIREPLACE	178.	.00
0551400	METAL PIPE CHIMNEY, FIREPLACES	11211.	.00
0552300	STONE MANTEL	30.	.00
0553100	CLAY BRICK FINISH, FIREPLACE	704.	.00
0553300	PLASTER FINISH, FIREPLACE	85352.	.01
0555200	METAL PIPE FLUE, ARCHITECTURAL	132.	.00
0571100	WOOD INTERIOR RAILINGS	226215.	.02
0571200	METAL INTERIOR RAILINGS	631739.	.05
0571300	WROUGHT IRON INTERIOR STAIR RAILINGS	3796.	.00
0572100	CONCRETE INTERIOR STEPS	186890.	.02
0572200	WOOD INTERIOR STEPS	160148.	.01
0572300	METAL INTERIOR STEPS	57600.	.00
0572400	MASONRY INTERIOR STEPS (UNPAINTED)	9053.	.00
0572500	MASONRY INTERIOR STEPS (PAINTED)	21179.	.00
0572600	CARPETED INTERIOR STEPS	59824.	.01

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0572700	RUBBER INTERIOR STEPS	5300282.	.45
0572800	TERRAZZO INTERIOR STEPS	281988.	.02
0611100	PLASTER WALL FINISH	66966610.	5.75
0611200	SHEETROCK (STIPPLED) WALL FIN.	1004499.	.09
0611300	SHEETROCK (UNSTIPPLED) WALL FIN.	1971548.	.17
0611400	STUCCO INTERIOR WALL FINISH	11990480.	1.03
0612100	CLAY BLOCK WALL FINISH	1134.	.00
0612200	CLAY BLOCK (PAINTED WALL FINISH	2821394.	.24
0612300	CONCRETE BLOCK WALL FINISH	59186.	.01
0612400	CONCRETE BLOCK (PAINTED) WALL FINISH	2042511.	.18
0612500	CLAY BRICK WALL FINISH	1831357.	.16
0612600	CONCRETE BRICK WALL FINISH	3458.	.00
0612700	FIREBRICK WALL	1867.	.00
0612800	CERAMIC TILE WALL FIN.	32183420.	2.76
0612900	MASONITE INTERIOR WALL FINISH	66439.	.01
0612A00	GLAZED CONCR.MASON.UNIT INTER.WALL FIN.	31186.	.00
0614100	FORMICA INTERIOR WALL FIN.	576889.	.05
0614400	VINAL INTERIOR WALL FIN.	23892.	.00
0614500	WALLPAPER INTERIOR WALL FIN.	1002129.	.09
0614700	FABRIC INTERIOR WALL FINISH	141183.	.01
0614800	CARPETED INTERIOR WALL FINISH	462623.	.04
0615100	PLYWOOD (PAINTED/STAINED) INT. WALL	865882.	.07
0615200	PLYWOOD (UNPNTED/UNSTAINED) INT. WALL	19335.	.00
0615300	TIMBER (FINISHED) INTERIOR WALL	409318.	.04
0615400	TIMBER (UNFINSHED) INTERIOR WALL	76325.	.01
0615500	PANEL (SOLID) INTERIOR WALL	234705.	.02
0615600	PANEL (LAMINATED) INTERIOR WALL	270700.	.02
0615700	BOARD (FINISHED) INTER. WALL	238577.	.02
0615800	BOARD (UNFINISHED) INTER. WALL	20830.	.00
0615900	WAINSCOT INTERIOR WALL	33705.	.00
0616100	ALUMINUM INTERIOR WALL	46732.	.00
0616200	STEEL INTERIOR FINISH (UNPAINTED)	5512.	.00
0616300	STEEL INTERIOR FINISH (PAINTED)	3218292.	.28
0616400	WIRE MESH WALL	2452194.	.21
0616500	LEAD-LINED INTERIOR WALL	4408.	.00
0617100	GLASS BLOCK INTERIOR WALL	38758.	.00
0617200	PLATE GLASS INTERIOR WALL	40974.	.00
0619100	STONE INTERIOR WALL	1512.	.00
0619200	ACOUSTICAL INTERIOR WALL TILE	1281899.	.11
0619300	CORK INTERIOR WALL TILE	23742.	.00
0619500	FIBERGLASS PANEL INTERIOR WALL FINISH	241887.	.02
061A100	CONCRETE, UNFINISHED INTERIOR WALL	791827.	.07
061A200	CONCRETE, FINISHED INTERIOR WALL	19984980.	1.72
0622100	CERAMIC TILE FLOORING	8358023.	.72
0622200	QUARRY TILE FLOORING	3896738.	.33
0622300	BRICK FLOORING	137214.	.01
0622400	MARBLE FLOORING	182881.	.02
0625100	WOOD PARTQUETRY FLOORING	4055085.	.35
0625200	MAPLE FLOOR	1378468.	.12
0625300	PLYWOOD FLOOR	84953.	.01
0626100	STEEL FLOORING	177687.	.02
0626200	METAL GRATING	2128900.	.18
0629100	CARPET, FLOOR	16525120.	1.42
0629200	CORK TILE FLOORING	28200.	.00
062A100	LINOLEUM FLOORING	2828396.	.24
062A200	VINYL ASBESTOS TILE FLOORING	30287050.	2.60
062A300	RUBBER TILE FLOORING	2034645.	.17
062A400	VINYL SHEET FLOORING	1869722.	.16
062B100	CONCRETE, UNFINSHED FLOORING	6021335.	.52
062B200	CONCRETE, FINISHED FLOORING	9483309.	.81
062C000	TERRAZZO FLOORING	1735901.	.15
062D100	BITUMINOUS FLOORING	26449.	.00
0631100	PLASTER CEILING	25094100.	2.15
0631200	SHEETROCK (STIPPLED) CEILING	413286.	.04
0631300	SHEETROCK (UNSTIPPLED) CEILING	3048755.	.26
0631400	STUCCO INTERIOR CEILING FINISH	1170846.	.10
0632100	ACOUSTICAL TILE CEILING	457601.	.04
0632200	ACOUSTICAL TILE (DROPPED) CEILING	1494744.	.13

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0632300	CERAMIC PAN CEILING	16297.	.00
0632400	CERAMIC TILE CEILING	3277.	.00
0634100	PAPER CEILING	104235.	.01
0634200	PLASTIC CEILING	46665.	.00
0634300	FABRIC CEILING	3334.	.00
0634400	FORMICA CEILING FINISH	83104.	.01
0635100	WOOD FINISHED CEILING	3642732.	.31
0635200	WOOD UNFINSHED CEILING	6460028.	.55
0636100	METAL CEILING (PAINTED)	4515537.	.39
0636200	METAL UNPAINTED INT. CEILING FINISH	31990.	.00
0637100	PLATE GLASS (MOUNTED) CEILING	253610.	.02
0637200	PLATE GLASS (SUSPENDED) CEILING FINISH	8507.	.00
0637310	SINGLE GLASS SKYLIGHT UNITS	5722.	.00
0637320	SKYLIGHT INTEGRATED W/STRUCTURE	2636.	.00
0639100	ACOUSTICAL TILE-SPECIAL PURPOSE	3944.	.00
0639300	ASBESTOS-ACOUSTICAL FIRE RATED TILE FIN.	73509.	.01
0639400	FIBERGLASS PANEL CEILING FINISH	155287.	.01
063A100	CONCRETE, UNFINSHED CEILING	251834.	.02
063A200	CONCRETE, FINISHED CEILING	4440719.	.38
0811100	TANKLESS WATER CLOSET	4085176.	.35
0811200	FLUSH TANK WATER CLOSET	1790898.	.15
0811300	URINAL	3129166.	.27
0811400	LAVATORY, IRON, ENAMEL	28382.	.00
0811500	LAVATORY, VITREOUS CHINA	5307795.	.46
0811600	LAVATORY, ENAMELED STEEL	208128.	.02
0811800	BATH TUB, ENAMELED STEEL	1006922.	.09
0811A00	SHOWER, ENAMELED STEEL	1201530.	.10
0811B00	SHOWER, PLASTIC	46980.	.00
0811D00	SINK, IRON ENAMEL	414789.	.04
0811E00	SINK, ENAMELED STEEL	1351233.	.12
0811F00	SINK, STAINLESS STEEL	6886832.	.59
0811G00	SINK, PLASTIC	379047.	.03
0811H00	DRINKING FOUNTAIN	5700290.	.49
0811I00	SPIGOT	1560210.	.13
0811J00	BATHTUB, PLASTIC	193797.	.02
0811K00	LAVATORY, PLASTIC	8699.	.00
0811L00	EMERGENCY SHOWER STATION	11068.	.00
0811M00	EMERGENCY EYE WASH	38945.	.00
0811N00	SHOWER, CMU	9199.	.00
0811R00	SHOWER, CERAMIC TILE	79762240.	6.85
0812200	FLOOR DRAIN, WITHOUT BUCKET	3117450.	.27
0812300	FLOOR DRAIN, WITH BUCKET	980545.	.08
0813200	PIPE & FITTINGS, COPPER	47897.	.00
0813300	VALVE, NON-DRAIN 3/8" - 1 1/2"	1673200.	.14
0813400	VALVE, NON-DRAIN 2"-3"	640470.	.05
0813500	VALVE, NON-DRAIN 4"-6"	500394.	.04
0813600	VALVE, DRAIN	877222.	.08
0813700	EXPANSION CHAMBER	2559.	.00
0813800	WATER METER	61492.	.01
0813A00	CIRCULATOR PUMP 1 1/2 HP	3351.	.00
0813B00	CIRCULATOR PUMP 1/6 HP	33332.	.00
0813C00	CIRCULATOR PUMP 1/2 HP	29211.	.00
0813E00	HOSE BIBB	112896.	.01
0813F00	CIRCULATION PUMP GREATER THAN 1 HP	12501.	.00
0814300	VALVE, NON DRAIN 3/8"-1 1/2"	2847626.	.24
0814400	VALVE, NON DRAIN 2"-3"	3307157.	.28
0814500	VALVE, NON DRAIN 4"-6"	3014246.	.26
0814600	VALVE, DRAIN	1351779.	.12
0814700	EXPANSION CHAMBER	126611.	.01
0814900	CIRCULATOR PUMP, 1 1/2 HP	110616.	.01
0814A00	CIRCULATOR PUMP, 1/6 HP	1046334.	.09
0814B00	CIRCULATOR PUMP, 1/2 HP	712678.	.06
0814C00	STEAM CONVERTOR, DOMESTIC HOT WATER	605151.	.05
0814D00	HOT WATER HTR, GAS/OIL 30 GAL	9422.	.00
0814E00	HOT WATER HTR, GAS/OIL 75 GAL	31570.	.00
0814H00	HOT WATER HEATER ELEC. 120 GAL.	495652.	.04
0814I00	HOT WATER HEATER ELEC. 300 GAL.	537441.	.05
0814J00	HOT WATER HEATER ELEC. 1000 GAL.	667264.	.06

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0814L00	HOT WATER HEATER ELEC. 52 GAL.	248100.	.02
0814M00	HOT WATER STORAGE TANK, DHW	441486.	.04
0814000	CIRCULATION PUMP > 1 HP.	6788.	.00
0821100	DRAIN, ROOF SCUPPER, AREA	141444.	.01
0822100	DISTRIBUTION, GUTTERS, PIPE	9117084.	.78
0823100	SUMP PUMP	92644.	.01
0831110	1 H.P.	2102347.	.18
0831120	VACUUM PUMP	464137.	.04
0831130	GAS COMPRESSOR > 1/2 HP	439322.	.04
0831140	GAS COMPRESSOR > 15 HP	34551.	.00
0831150	COMPRESSED AIR DRYER	35188.	.00
0831210	RUBBER	35225.	.00
0841100	DISHWASHER	1467286.	.13
0841200	WASTE DISPOSAL, RESIDENTIAL	4019.	.00
0841300	WATER SOFTENER	2063013.	.18
0844110	OPEN HEAD SPRINKLER HEAD	646446.	.06
0921100	OIL STORAGE TANK, 275 GAL.	42087.	.00
0931100	LPG STORAGE TANK,1000 GALLON	9990.	.00
0941100	STEAM CONVERTOR, LESS THAN 300,000	1594681.	.14
0941200	FLASH TANK, 24 GALLON	109438.	.01
0941300	STEAM REGULATION VALVE - 2"	559908.	.05
0941500	COND.METER,<300#/HR	40549.	.00
0942100	RADIATOR VALVE 1"	1776921.	.15
0943100	CAST IRON RADIATOR 10 SECT	8063560.	.69
0943300	FINNED RADIATOR, WALL 10 FT	10238910.	.88
0981310	250 BTU	506027.	.04
0981320	2000 BTU	194144.	.02
0981410	2000 BTU	201384.	.02
0981510	BOILER PNEUMATIC COAL SPREADER	747244.	.06
0981710	FUEL OIL EQUIPMENT	19545.	.00
0981810	CHEMICAL FEED SYSTEM	358708.	.03
0981910	FEEDWATER SUPPLY	5027297.	.43
0981A10	DEAERATOR	26181080.	2.25
0981B10	BLOWOFF SYSTEM	9243.	.00
0981D10	25 KBTU	60841.	.01
0981D20	100 KBTU	31594.	.00
0981D30	200 KBTU	68390.	.01
0981F00	RADIATOR, CAST IRON 10' SEC.	727080.	.06
0981H00	RADIATOR, FINNED WALL 10' SEC.	1653760.	.14
0981I00	EXPANSION TANK	66744.	.01
0981J10	STEAM CONVERTOR,<300,000	17513.	.00
0981K10	FLASH TANK	187999.	.02
0981L00	STORAGE TANK,DHW	98992.	.01
0984210	GATE VALVE,3/8"-1 1/2"	1344676.	.12
0984220	GATE VALVE, 2"-3"	1464075.	.13
0984280	DRAIN VALVE	2543580.	.22
0984290	RADIATOR VALVE 1"	728796.	.06
0984A0	PRESSURE REDUCER VALVE 2"	7422585.	.64
0984370	STEAM TRAP,F&T<1"	655955.	.06
0984380	AIR SEPARATOR	35148.	.00
0984410	CIRCULATOR PUMP, <1HP	4218776.	.36
0984420	CIRCULATION PUMP 5 HP	614183.	.05
0984460	COND. RCVR.,10-15 GAL.	194896.	.02
0991110	5 TONS	20583.	.00
0991210	1 TON	202320.	.02
0991220	2 TONS	9641.	.00
0991310	AIR CONDITIONER PAD MOUNT. 5 TON	86760.	.01
0991410	20 TONS	82979.	.01
0991420	50 TONS	1145141.	.10
0991440	CHILLER-AIR COOL RECIP. 5T	125541.	.01
0991450	CHILLER AIR COOL REC 10T	58469.	.01
0991A10	300 TONS	478455.	.04
0991B10	5 TONS	151687.	.01
0991C20	100 TONS	81766.	.01
0991D10	20 TONS	32649.	.00
0991F10	REFRIGERATION FAN COIL 1T	950306.	.08
0991F20	REFRIGERATION FAN COIL 3T	210524.	.02
0991F30	REFRIGERATION FAN COIL 5T	74625.	.01

INSTALLATION: GERMANY
F4C CODE : 0000000

12-04-90

120 YEARS SUMMARY

CACES ID	COMPONENT DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0994210	GATE VALVE,3/8"-1 1/2"	7454.	.00
0994280	DRAIN VALVE	14491.	.00
09A1110	6500 CFM	540023.	.05
09A1120	10000 CFM	486493.	.04
09A1150	MULTI-ZONE 2500 CFM	127013.	.01
09A1210	6500 CFM	366169.	.03
09A1510	6500 CFM	671206.	.06
09A1520	10000 CFM	98631.	.01
09A1530	25000 CFM	152940.	.01
09A1710	6500 CFM	649965.	.06
09A1910	200 CFM	271759.	.02
09A1920	400 CFM	133981.	.01
09A1930	600 CFM	27057.	.00
09A1940	1200 CFM	145966.	.01
09A1A30	600 CFM	6290.	.00
09A1B10	400 CFM	66382.	.01
09A1C10	6500 CFM	1608057.	.14
09A1C20	10000 CFM	574044.	.05
09A1C30	25000 CFM	578384.	.05
09A1C50	SINGLE ZONE DRAW THRU 1000 CFM	407714.	.03
09A1C60	SINGLE-ZONE DRAW THRU 2500 CFM	472292.	.04
09A1D10	400 CFM	3148631.	.27
09A1D20	1200 CFM	2828547.	.24
09A1D30	UNIT HEATER 4000 CFM	251144.	.02
09A1E10	HEAT PUMP 5 TONS	100739.	.01
09A1E40	HEAT PUMP 1T	186989.	.02
0982110	FORCE DRAFT FAN 10,000 CFM	1776204.	.15
0982120	IND DRAFT FAN 10,000 CFM	1200481.	.10
09C1110	EXHAUST FAN 200 CFM	3861740.	.33
09C1120	EXHAUST FAN 1000 CFM	960141.	.08
09C1130	EXHAUST FAN 10000 CFM	87083.	.01
09C1140	EXHAUST FAN 25000 CFM	88627.	.01
09C1160	EXHAUST FAN, 5000 CFM	331838.	.03
09C1210	AIR CURTAIN, 1000 CFM	13929.	.00
09C2100	METAL FLUE/CHIMNEY	284114.	.02
09E1110	THERMOSTATS/PNEUMATICS	5810463.	.50
09E1120	HUMIDITY SENSOR	114222.	.01
09E1130	FLOW SENSOR	54867.	.00
09E1140	RADIATION SENSOR	14891.	.00
09E1150	WIND VELOCITY SENSOR	7793.	.00
09E1160	PRESSURE SENSOR	5355195.	.46
09E1210	DAMPER CONTROLLER - ELECTRICAL	242254.	.02
09E1310	SIMPLEX AIR COMPRESSOR 1 HORSE POWER	1359683.	.12
1112000	OVERHEAD SERVICE FEEDER	839710.	.07
1113100	SWITCHGEAR, MAIN FRAME, 1200 A.	467819.	.04
1113200	FUSE	15285.	.00
1114100	TRANSFORMER, LIQUID FILLED ABOVE 600 V	3528050.	.30
1114200	TRANSFORMER, DRY, ABOVE 15,000 V	68234.	.01
1115100	SWITCHGEAR, INDOOR, 0-600 V	3778367.	.32
1115200	SWITCHGEAR, INDOOR ABOVE 600 V	7861.	.00
1116100	TRANSFORMER, LIQUID FILLED BELOW 600 V	921722.	.08
1116200	TRANSFORMER, DRY BELOW 15,000 V	11369120.	.98
1117100	SWITCHGEAR, INDOOR, BELOW 600 V	23337980.	2.00
1119100	METER, DARSONVAL GALVANOMETER	23845.	.00
1119300	INVERTER	73555.	.01
1119400	RECTIFIER, UNDER 600 V	366267.	.03
1122100	SAFETY SWITCH, ENCLOSED	3168841.	.27
1122320	CIRCUIT BREAKER, MC, 600 V AND OVER	431.	.00
1122330	CIRCUIT BREAKER, FIXED, 0-599 V	5976.	.00
1122340	CIRCUIT BREAKER, FIXED, 600V AND OVER	4164.	.00
1122360	CIRCUIT BREAKER, M.C. > 600V 3P	4472.	.00
1122370	CIRCUIT BREAKER, FIXED < 599V 1P	973024.	.08
1122380	CIRCUIT BREAKER, FIXED < 599V 2P	57891.	.00
1122390	CIRCUIT BREAKER, FIXED < 599V 3P	163448.	.01
11223C0	CIRCUIT BREAKER, FIXED > 600V 3P	525975.	.05
1122410	SAFETY SWITCH FUSED 1P	17647.	.00
1122430	SAFETY SWITCH FUSED 3P	2561808.	.22
1122440	LOW VOLTAGE CARTRIDGE	13653.	.00

ORDERED YEARLY SUMMARY COMPONENT REPORT

INSTALLATION: GERMANY
F4C CODE : 0000000

12-04-90

120 YEARS SUMMARY

CACES ID	COMPONENT DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
1122450	PLUG FUSE	70221.	.01
1123600	MOTOR STARTER, 0-600 V	16233000.	1.39
1124000	CONTACTORS AND RELAYS	7550521.	.65
1127100	WIRING DEVICE, SWITCH	7502438.	.64
1127200	RECEPTACLE AND PLUG	11720710.	1.01
1127300	SWITCH, PULL CORD	201602.	.02
1131100	INCANDESCENT LIGHTING FIXTURE	3928482.	.34
1131200	QUARTZ LIGHTING FIXTURE	123566.	.01
1131300	FLUORESCENT LIGHTING FIXTURE	46713990.	4.01
1131410	HID, MERCURY VAPOR FIXTURE, 250-W	159697.	.01
1131420	HID, METAL HALID FIXTURE, 250-W	2109745.	.18
1131500	EMERGENCY LIGHTING FIXTURE	778197.	.07
1131610	H.P. 250 WATT	3410899.	.29
1131620	L.P. 200 WATT	384776.	.03
1131700	EXIT LIGHT	625126.	.05
1141000	ELECTRICAL SERVICE GROUND	125412.	.01
1142000	BUILDING STRUCTURE GROUND	88196.	.01
1143110	LIGHTNING PROTECTION SYS. GENERAL WIRING	969327.	.08
1143510	LIGHTNING PROTECTION SYS. GROUNDING ROD	2589971.	.22
1144000	COMPUTER SYSTEM GROUND	2709.	.00
1145000	SPECIAL GROUND SYSTEM	5036.	.00
1215000	DOOR BELL	601520.	.05
1221100	MANUAL PULL STATION	450630.	.04
1221200	SMOKE DETECTOR	4234018.	.36
1221300	FIRE ALARM BELL	147616.	.01
1221400	ANNUNCIATION PANEL	324929.	.03
1221500	HEAT DETECTOR	302213.	.03
1221600	FIRE ALARM CONT. PANEL	764919.	.07
1233000	TV CABLE OUTLET	164111.	.01
1243000	LIGHT DIMMING PANEL	99812.	.01
1261100	TIME CONTROL CLOCK	365914.	.03
1271000	BASEBOARD HEATERS	166840.	.01
1272100	WALL MOUNTED & RECESSED WITH FAN	160649.	.01
1272200	RADIANT SUSPENDED, COMMERCIAL	51598.	.00
1273100	STANDARD SUSPENDED HEATER	262160.	.02
1281100	GENERATOR, GASOLINE POWERED	1810359.	.16
1281200	GENERATOR, DIESEL	3617340.	.31
1281300	GENERATOR, VAPOR GAS POWERED	1825534.	.16
1281500	TRANSFER SWITCH	27194.	.00
1282100	STATIC CHARGER, BATTERY	45047.	.00
1282200	MOTOR GENERATOR, BATTERY	61615.	.01
1283100	BATTERY, PRIMARY WET	4093283.	.35
1283200	BATTERY, PRIMARY DRY	1549901.	.13
1283300	BATTERY, SECONDARY WET	2314215.	.20
1283400	BATTERY, SECONDARY DRY	6975087.	.60

APPENDIX K: Percentage of Maintenance Cost by High-Cost Components for Functional Use Groups

All Buildings - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Shower, Ceramic Tile	0811R00	6.85	13	2.10	1	8.45
Plaster Wall Finish	0611100	5.75	3	4.12	3	6.30
Roll Roofing	0311340	5.46	11	2.18	2	6.57
Fluorescent Lighting Fixture	1131300	4.01	6	3.02	4	4.34
Shingles	0311350	3.44	1	5.50	6	2.75
Ceramic Tile Wall Finish	0612800	2.76	5	3.03	7	2.67
Vinyl Asbestos Tile Flooring	062A200	2.60	8	2.40	8	2.67
Hollow Core (Painted) Interior Door	0533110	2.52	4	3.98	11	2.02
Metal Roof	0311360	2.41	10	2.20	9	2.49
Deaerator	0981A10	2.25			5	3.01
Plaster Ceiling	0631100	2.15	18	1.63	10	2.33
Switchgear, Indoor, Below 600V	1117100	2.00	9	2.39	13	1.87
Stucco Exterior Finish, 3rd + Floor	0415C30	1.96	15	1.90	12	1.98
Stucco Exterior Finish, 2nd Floor	0415C20	1.92	12	2.16	14	1.84
Concrete, Finished Interior Wall	061A200	1.72	2	4.38		
Carpet, Floor	0629100	1.42	17	1.66	16	1.34
Motor Starter, 0-600V	1123600	1.39	20	1.37	15	1.40
Stucco Exterior Finish, 1st Floor	1415C10	1.30	22	1.21	17	1.33
Solid Core(Painted) Interior Door	0533210	1.25	14	2.10		
Stucco Interior Wall Finish	0611400	1.03	16	1.81		

All Buildings - Cost by Component						
Component Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Receptacle and Plug	1127200	1.01			18	1.02
Transformer, Dry Below 15,000 V	1116200		7	2.65		
Finned Radiator, Wall 10' Section	0943300		19	1.50		
Wood Frame (Painted) Operable Window, 2nd Flr.	0431320		21	1.31		
Transformer, Liquid Filled, Above 600 V	1114100		23	1.12		

Land Vehicle Dispensing Facilities - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Ceramic Tile Wall Finish	0612800	8.92	1	8.92		
Shingles	0311350	8.63	2	8.63		
Concrete, Finished Interior Wall	061A200	6.84	3	6.84		
Fluorescent Lighting Fixture	1131300	5.90	4	5.90		
Switchgear, Indoor, Below 600V	1117100	5.81	5	5.81		
Water Softener	0841300	5.70	6	5.70		
Cermamic Tile Flooring	0622100	4.32	7	4.32		
Exhaust Fan, 1000 CFM	09C1120	4.16	8	4.16		
Plaster Wall Finish	0611100	3.71	9	3.71		
Stucco Exterior Finish, 1st Floor	0415C10	3.41	10	3.41		
Motor Starter, 0-600V	1123600	3.30	11	3.30		
Wood Frame (Painted) Operable Window, 1st Flr.	0431310	2.95	12	2.95		
Solid Core (Painted) Interior Door	0533210	2.26	13	2.26		
Thermostats/Pneumatics	09E1110	2.22	14	2.22		
Wood Frame Screen Window Cover	0434810	1.92	15	1.92		
Cast Iron Radiator, 10' Section	0943100	1.62	16	1.62		
Steel (Painted) Metal Exterior Door	0421210	1.55	17	1.55		
Pressure Sensor	09E1160	1.40	18	1.40		
Sink, Stainless Steel	0811F00	1.39	19	1.39		
Valve, Non-Drain 4"- 6"	0814500	1.34	20	1.34		
Concrete, Finished Ceiling	063A200	1.32	21	1.32		

Land Vehicle Dispensing Facilities - Cost by Component						
Component Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Concrete, Unfinished Flooring	062B100	1.27	22	1.27		
Steam Converter, Domestic Hot Water	0814C00	1.16	23	1.16		
Floor Drain, Without Bucket	0812200	1.03	24	1.03		
Distribution, Gutters, Pipe	0822100	1.00	25	1.00		

Land Operational Facilities - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Shower, Ceramic Tile	0811R00	27.97	1	34.83	20	1.58
Transformer, Liquid Filled Above 600V	1114100	9,78	2	12.33		
Roll Roofing	0311340	8.46	3	10.67		
Fluorescent Lighting Fixture	1131300	2.56	5	2.23	8	3.83
Metal Roofing	0311360	2.54	4	3.20		
Plaster Wall Finish	0611100	2.09	15	1.06	4	6.06
Ceramic Tile Wall Finish	0612800	1.81	7	1.86	19	1.60
Concrete Exterior Wall, 1st Floor	0415A10	1.80			3	6.41
Switchgear, Indoor, Below 600V	1117100	1.63	12	1.21	11	3.24
Stucco Exterior Wall, 1st Floor	0415C10	1.60	14	1.13	10	3.41
Stucco Interior Wall Finish	0611400	1.55	6	1.95		
Tile Roofing	0311330	1.51			1	7.31
Contactors and Relays	1124000	1.49			6	4.86
Battery, Secondary Dry	1283400	1.46			2	7.06
Water Softener	0841300	1.31	8	1.65		
Concrete, Finished Interior Wall	061A200	1.18			13	2.65
Single-Zone Draw Thru 2,500 CFM	09A1C60	1.16	9	1.46		
Vinyl Asbestos Tile Flooring	062A200	1.10			12	2.90
Single-Zone Draw Thru 1,000 CFM	09A1C50	1.09			5	5.30
Quarry Tile Flooring	0622200	1.06	10	1.33		
Steel (Painted) Exterior Finish, 1st Floor	0415L10	1.03	11	1.29		

Land Operational Facilities - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Finned Radiator, Wall, 10' Section	0981H00		13	1.17		
Concrete Exterior Wall, 2nd Floor	0415A20				7	4.27
Finned Radiator, Wall, 10' Section	0943300				9	3.60
Stucco Exterior Wall, 2nd Floor	0415C20				14	2.43
Steel (Painted) Metal Exterior Door	0421210				15	2.17
Distribution, Gutters, Pipe	0822100				16	2.12
Lightning Prot. Sys.,Grounding Rod	1143510				17	1.91
Floor Drain, With Bucket	0812300				18	1.64
Steel (w/Safety Glass) Painted Interior Door	0531120				21	1.51
Plaster Ceiling	0631100				22	1.49
Transformer, Dry, Below 15,000V	1116200				23	1.32
Receptacle and Plug	1127200				24	1.26
Steel (Painted) Interior Door	0531110				25	1.22
Wiring Device, Switch	1127100				26	1.06

Battalion Headquarters Buildings - Cost by Component

Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Metal Roofing	0311360	11.98	1	21.14		
Fluorescent Lighting Fixture	1131300	10.66	3	13.74	6	6.63
Induction Draft Fan 10,000 CFM	09B2120	9.37	2	16.52		
Fabric Partition	0522100	7.44			1	17.19
Cement Asbestos Roofing	0311320	5.75			2	13.27
Roll Roofing	0311340	5.64	4	9.94		
Sheetrock (Unstippled) Ceiling	0631300	4.65	6	3.41	7	6.27
Concrete Exterior Wall, 1st Floor	0415A10	4.35			3	10.04
Vinyl Asbestos Tile Flooring	062A200	4.27			4	9.85
Wood Frame (Painted) Fixed Window, 1st Floor	0432310	3.37			5	7.77
Switchgear, Indoor, Below 600V	1117100	2.76	7	3.38	10	1.96
Linoleum Flooring	062A100	2.49	5	4.38		
Concrete Block (Painted) Wall	0612400	2.43			8	5.60
Cast Iron Radiator, 10' Section	0943100	1.88	9	2.10	14	1.58
Ceramic Tile Wall Finish	0612800	1.67	13	1.78		
Sheetrock (Unstippled) Wall Finish	0611300	1.58	8	2.79		
Distribution, Gutters, Pipe	0822100	1.33			9	2.43
Safety Switch, Enclosed	1122100	1.28	11	1.87		
Stucco Exterior Finish, 1st Floor	0415C10	1.17	10	2.06		
Double Pane Aluminum Operable Window, 1st Floor	0431610	1.01	12	1.79		
HID, Metal Halide Fixture, 250W	1131420		13	1.48		

Battalion Headquarters Buildings - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Hollow Core (Painted) Wood Interior Door	0533110		14	1.37		
Metal Wire Mesh Window Cover, 1st Floor	0434510				11	1.94
Wood Frame (Painted) Oper. Window, 1st Floor	0431310				12	1.94
Concrete Block (WP/P) Ext. Wall, 1st Floor	0415910				13	1.87

Company Headquarters Buildings - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Concrete, Finished Interior Wall	061A200	11.11			1	11.11
Deaerator	0981A10	9.81			2	9.81
Steel Frame (Painted) Fixed Window, 1st Floor	0432220	5.73			3	5.73
Vinyl Asbestos Tile Flooring	062A200	4.87			4	4.63
Fluorescent Lighting Fixture	1131300	4.63			5	4.63
Metal Roofing	0311360	4.35			6	4.35
Shingles	0311350	3.82			7	3.82
Plaster Wall Finish	0611100	3.09			8	3.09
Solid Core (Painted) Interior Door	0533210	3.08			9	3.08
Roll Roofing	0311340	3.01			10	3.01
Stucco Exterior Wall, 2nd Floor	0415C20	1.97			11	1.97
Multi-Zone 10,000 CFM	09A1120	1.93			12	1.93
Stucco Exterior Wall, 3rd Floor	0415C30	1.80			13	1.80
Switch, Pull Cord	1127300	1.71			14	1.71
Ceramic Tile Wall Finish	0612800	1.69			15	1.69
Shower, Ceramic Tile	0811R00	1.57			16	1.57
Stucco Exterior Wall, 1st Floor	0415C10	1.56			17	1.56
Switchgear, Indoor, Below 600V	1117100	1.42			18	1.42
Concrete, Finished Ceiling	063A200	1.42			19	1.42
Aluminum Siding, Exterior, 3rd Floor	0415I30	1.25			20	1.25
Steel Frame (Painted) Fixed Window, 1st Floor	0432210	1.16			21	1.16
Radiator, Cast Iron, 10' Section	0981F00	1.06			22	1.06

General Instruction Buildings - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Transformer, Liquid Filled, Above 600V	1114100	21.78	1	21.78		
Steel Interior Finish (Painted) Wall	0616300	15.80	2	15.80		
Variable Volume Unit, 25,000 CFM	09A1530	14.46	3	14.46		
Metal Roofing	0311360	8.81	4	8.81		
Chillers, ACH Recip.,20 Tons	0991410	7.85	5	7.85		
Aluminum Louvers in Frame, 1st Floor	0433210	5.27	6	5.27		
Circuit Breaker, Fixed >600V, 3P	11223C0	2.66	7	2.66		
Motor Starter, 0-600V	1123600	2.33	8	2.33		
Vinyl Asbestos Tile Flooring	062A200	2.18	9	2.18		
Fluorescent Lighting Fixture	1131300	1.74	10	1.74		
Standard Suspended Heater	1273100	1.56	11	1.56		
Stucco Exterior Finish, 1st Floor	0415C10	1.38	12	1.38		
Steel (Painted) Exterior Finish, 1st Floor	0415L10	1.33	13	1.33		

Applied Instruction Buildings - Cost By Component

Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Metal Roofing	0311360	43.29	1	43.29		
Motor Starter, 0 - 600V	1123600	9.44	2	9.44		
Steel (Painted) Exterior Wall, 2nd Floor	0415L20	6.24	3	6.24		
Steel (Painted) Exterior Wall, 1st Floor	0415L10	5.61	4	5.61		
Exhaust Fan, 1000 CFM	09C1120	5.42	5	5.42		
Sheetrock (Stippled) Ceiling	0631200	4.17	6	4.17		
Steel Double Roll-Up Door	0427200	3.25	7	3.25		
Fluorescent Lighting Fixture	1131300	3.18	8	3.18		
Unit Heater, 4000 CFM	09A1D30	2.93	9	2.93		

Aviation Unit Maintenance Hangars - Cost By Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roll Roofing	0311340	11.83			1	11.83
Metal Roofing	0311360	9.91			2	9.91
HID, Metal Halide Fixture, 250W	1131420	5.66			3	5.66
Fluorescent Lighting Fixture	1131300	5.61			4	5.61
Plaster Ceiling	0631100	5.20			5	5.20
Transformer, Dry, Below 15,000V	1116200	4.49			6	4.49
Stucco Exterior Wall, 3rd Floor	0415C30	3.93			7	3.93
Plaster Wall Finish	0611100	3.45			8	3.45
Switchgear, Indoor, Below 600V	1117100	2.90			9	2.90
Stucco Exterior Wall, 2nd Floor	0415C20	2.48			10	2.48
Clay Block (Painted) Wall Finish	0612200	2.26			11	2.26
Sheetrock (Stippled) Ceiling	0631200	2.15			12	2.15
Vinyl Asbestos Tile Flooring	062A200	1.96			13	1.96
Motor Starter, 0-600V	1123600	1.86			14	1.86
Concrete, Finished Flooring	062B200	1.80			15	1.80
Ceramic Tile Wall Finish	0612800	1.77			16	1.77
Concrete, Unfinished Flooring	062B100	1.72			17	1.72
Quarry Tile Flooring	0622200	1.68			18	1.68
Contactors and Relays	1124000	1.56			19	1.56
Feedwater Supply	0981910	1.46			20	1.46
Stucco Exterior Wall, 1st Floor	0415C10	1.35			21	1.35
Steel Frame (Painted) Fixed Window, 3rd + Floor	0432230	1.31			22	1.31

Aviation Unit Maintenance Hangars - Cost By Component						
Component Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Steel Frame (Painted) Oper. Window, 3rd+Floor	0431230	1.25			23	1.25
Receptacle and Plug	1127200	1.22			24	1.22
Plate Glass Exterior Finish, 3rd + Floor	0415N30	1.12			25	1.12
Sheetrock (Unstippled) Wall	0611300	1.08			26	1.08
Unit Heater, 4000 CFM	09A1D30	1.03			27	1.03

Aviation Intermediate Maintenance Hangars - Cost By Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roll Roofing	0311340	22.23	1	47.11	1	22.10
Concrete, Finished Flooring	062B200	8.48			2	8.52
Metal Roofing	0311360	7.60			3	7.64
Steel Frame (Painted) Fixed Window, 3rd + Floor	0432230	7.58			4	7.62
Metal Ceiling (Painted)	0636100	4.16			5	4.18
Stucco Exterior Wall, 3rd + Floor	0415C30	3.87			6	3.89
Wood, Finished Ceiling	0635100	3.24	3	10.14	7	3.20
Fluorescent Lighting Fixture	1131300	2.90			8	2.91
Stucco Exterior Wall, 2nd Floor	0415C20	2.66			9	2.68
Plaster Wall Finish	0611100	2.26			10	2.26
Concrete, Finished Interior Wall	061A200	1.74			11	1.75
Steel Frame (Painted) Fixed Window, 2nd Floor	0432220	1.65			12	1.66
Unit Heater - 1200 CFM	09A1020	1.53			13	1.54
Motor Starter, 0-600V	1123600	1.53			14	1.54
Switchgear, Indoor, Below 600V	1117100	1.48			15	1.48
Sodium Fixture, L.P., 200W	1131620	1.32			16	1.33
Sodium Fixture, H.P., 250W	1131610	1.15			17	1.16
Pressure Reducer Valve 2"	09842A0	1.10			18	1.10
Stucco Exterior Wall, 1st Floor	0415C10	1.00			19	1.01
Wood, Finished (Single Coat) Ext. Wall, 1st Flr.	0415E10		2	12.79		
Concrete Exterior Wall, 1st Flr.	0415A10		4	6.61		
Timber (Finished) Interior Wall	0615300		5	6.11		

Organizational Vehicle Maintenance Facilities - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roll Roofing	0311340	10.93	8	2.50	1	12.39
Metal Roofing	0311360	5.89	1	16.36	6	4.08
Fluorescent Lighting Fixture	1131300	4.96	4	3.29	3	5.25
Battery, Secondary Dry	1283400	4.95			2	5.81
Shingles	0311350	4.81	3	3.80	4	4.98
Plaster Wall Finish	0611100	3.65	16	1.47	7	4.02
Deaerator	0981A10	3.60			5	4.22
,witchgear, Indoor, Below 600V	1117100	2.58	15	1.49	8	2.77
Stucco Exterior Wall, 2nd Floor	0415C20	2.58	10	2.28	9	2.63
Stucco Exterior Wall, 1st Floor	0415C10	2.19	17	1.40	11	2.33
Wood Frame (Painted) Fixed Window, 1st Floor	0432310	2.19			10	2.57
Motor Starter, 0-600V	1123600	1.89	5	3.11	13	1.68
1 H.P. Air Compressor	0831110	1.70	2	7.24		
Concrete, Finished Flooring	062B200	1.53			12	1.70
Builtup Roofing	0311100	1.47	7	2.66	17	1.27
Plaster Ceiling	0631100	1.33			14	1.40
Distribution, Gutters, Pipe	0822100	1.26			15	1.34
Vinyl Asbestos Tile Flooring	062A200	1.18	18	1.17	18	1.19
Wood Frame (Painted) Oper. Window, 1st Floor	0431310	1.16			16	1.34
Concrete, Finished Interior Wall	061A200	1.05	14	1.61		
Finned Radiator, Wall 10'Section	0943300	1.01			19	1.03
Ceramic Tile Wall Finish	0612800	1.01	21	1.01	20	1.01
Stucco Interior Wall Finish	0611400		6	2.80		

Organizational Vehicle Maintenance Facilities - Cost by Component						
Component Description	**CACES ID No.**	**% of Total**	**Wildflecken**		**Hanau**	
			Rank	**% of Total**	**Rank**	**% of Total**
Steel Frame (Painted) Fixed Window, 2nd Floor	0432220		9	2.45		
Fiberglass Panel Rigid Ext. Wall, 3rd Floor	0415X30		11	2.25		
Metal Ceiling (Painted)	0636100		12	2.18		
Steel Interior Wall (Painted)	0616300		13	1.75		
Unit Heater, 400 CFM	09A1D10		19	1.08		
Steel Frame (Painted) Oper. Window, 2nd Floor	0431220		20	1.04		

DS/GS Vehicle Maintenance Shops - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roll Roofing	0311340	22.07	3	6.36	1	24.09
Steel Frame (Painted) Fixed Window, 3rd+ Floor	0432230	6.39			2	7.21
Metal Roofing	0311360	5.69	1	19.64	5	3.90
Stucco Interior Wall	0611400	3.92			3	4.36
Wood Unfinished Ceiling	0635200	3.58			4	4.04
Fluorescent Lighting Fixture	1131300	3.13	13	2.17	6	3.25
Stucco Exterior Wall, 3rd+ Floor	0415C30	2.81			7	3.05
Plaster Wall Finish	0611100	2.43	12	2.20	8	2.46
Stucco Exterior Wall, 2nd Floor	0415C20	2.19	9	3.01	11	2.09
Unit Heater, 400 CFM	09A1D10	2.13	18	1.33	10	2.23
Battery, Secondary Dry	1283400	2.10			9	2.37
Metal Ceiling (Painted)	0636100	1.94	2	8.83	22	1.06
HID, Metal Halide Fixture, 250W	1131420	1.87	10	2.73	13	1.76
Motor Starter, 0-600V	1123600	1.86			12	2.08
Concrete, Unfinished Flooring	062B100	1.67	17	1.45	14	1.70
Switchgear, Indoor, Below 600V	1117100	1.52	8	3.12	18	1.32
Cement Asbestos Roofing	0311320	1.36			15	1.54
Stucco Exterior Wall, 1st Floor	0415C10	1.33	14	2.03	19	1.24
Ceramic Tile Wall Finish	0612800	1.32			17	1.38
Steel Interior Wall (Painted)	0616300	1.29	7	3.36	23	1.02
Wood Frame (Painted) Fixed Window, 1st Floor	0432310	1.26			16	1.43
Deaerator	0981A10	1.02			20	1.15
Battery, Secondary Wet	1283300		4	5.91		

DS/GS Vehicle Maintenance Shops - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Shingles	0311350		5	3.92		
Transformer, Dry, Below 15,000V	1116200		6	3.47		
Battery, Primary Dry	1283200		14	2.33		
Glass Block Fixed Window, 1st Floor	0432510		15	1.94		
Drinking Fountain	0811H10		16	1.56		
Double Pane Steel Frm. Oper. Window, 1st Floor	0431710		19	1.20		
Gas Compressor >1/2 H.P.	0831130		20	1.09		
Clay Block (Painted) Interior Wall	0612200		21	1.08		
Sink, Stainless Steel	0811F00		22	1.03		
Steel (Painted) Exterior Door	0421210		23	1.01		
Metal Floor Grating	0626200				21	1.10

Special Purpose Maintenance Shops - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roll Roofing	0311340	24.60			1	32.43
Wood, Finished Ceiling	0635100	3.93			2	5.14
Fluorescent Lighting Fixture	1131300	3.61	6	3.16	3	3.75
Metal Roofing	0311360	3.23	1	10.76		
Plaster Wall Finish	0611100	3.23	12	1.87	4	3.66
Motor Starter, 0-600V	1123600	3.16	7	2.96	5	3.22
Shower, Ceramic Tile	0811R00	2.45	2	9.55		
Stucco Exterior Wall, 2nd Floor	0415C20	2.42	13	1.85	6	2.61
Stucco Exterior Wall, 3rd +Floor	0415C30	2.28	9	2.02	8	2.36
Sodium Fixture, H.P. 250W	1131610	2.00	20	1.26	9	2.23
Clay Brick Wall Finish	0612500	1.83			7	2.39
Concrete, Unfinished Flooring	062B100	1.78			10	2.13
Concrete, Finished Interior Wall	061A200	1.69	4	6.81		
Switchgear, Indoor, Below 600V	1117100	1.69	15	1.61	12	1.72
Wood Frame(Painted) Fixed Window, 2nd Floor	0432320	1.69	16	1.60	11	1.72
Steel Interior Wall (Painted)	0616300	1.65	3	6.84		
Shingles	0311350	1.34	5	5.30		
Unit Heater, 1200 CFM	09A1D20	1.28	18	1.55	17	1.19
Stucco Interior Wall, 1st Floor	0415C10	1.22	23	1.07	15	1.27
Switchgear, Mainframe, 1200 AMP	1113100	1.21			13	1.60
Finned Radiator, Wall, 10' Section	0943300	1.11	11	1.87		
Exhaust Fan, 200 CFM	09C1110	1.06			14	1.39
Vacuum Pump	0831120		8	2.94		

Special Purpose Maintenance Shops - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Hollow Core (Painted) Interior Door	0533110		10	1.93		
Plaster Ceiling	0631100		14	1.71		
Transformer, Dry, Below 15,000V	1116200		17	1.59		
Wood Frame (Painted) Oper. Window, 3rd + Floor	0431330		19	1.47		
Concrete, Finished Flooring	062B200		21	1.21		
Gas Compressor > 1/2 HP	0831130		22	1.12		
Ceramic Tile Flooring	0622100		24	1.06		
Contactors and Relays	1124000				16	1.22
Feedwater Supply	0981910				18	1.11
Wood, Unfinished Ceiling	0635200				19	1.08

Maintenance - Installation O&R Facilities - Cost By Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Metal Roofing	0311360	9.45			1	12.08
Roll Roofing	0311340	8.88	1	17.20	2	6.51
Shingles	0311350	5.39	2	7.17	4	4.89
Plaster Wall Finish	0611100	5.19	4	5.02	3	5.24
Contactors and Relays	1124000	3.74			5	4.73
Stucco Exterior Wall, 2nd Floor	0415C20	3.63	6	3.79	6	3.59
Motor Starter, 0-600V	1123600	3.25	5	4.64	9	2.85
Fluorescent Lighting Fixture	1131300	2.79	8	2.56	8	2.86
Switchgear, Indoor, Below 600V	1117100	2.72	12	1.95	7	2.93
Quarry Tile Flooring	0622200	2.39	16	1.48	10	2.65
Stucco Interior Wall Finish	0611400	1.93	3	6.17		
Stucco Exterior Wall, 1st Floor	0415C10	1.78	18	1.36	11	1.89
Air Compressor, 1 H. P.	0831110	1.45	22	1.02	15	1.57
Thermostats/Pneumatics	09E1110	1.33			13	1.66
Sodium Fixture, H.P., 250W	1131610	1.32			12	1.69
Hollow Core (Painted) Interior Door	0533110	1.32	17	1.42	16	1.43
Plaster Ceiling	0631100	1.29			14	1.62
Distribution, Gutters, Pipe	0822100	1.23	20	1.19	20	1.24
Transformer, Dry, Below 15,000V	1116200	1.20			18	1.41
Pressure Sensor	09E1160	1.19			17	1.42
Steel Frame (Painted) Fixed Window, 2nd Floor	0432220	1.12			19	1.31
Ceramic Tile Wall Finish	0612800	1.08			21	1.16
Concrete, Unfinished Flooring	062B100	1.03	19	1.30		

Maintenance - Installation O&R Facilities - Cost By Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Double Pane Wood Frame Oper. Window, 1st Floor	0431810	1.01	9	2.29		
Concrete, Finished Interior Wall	061A200		7	2.63		
Vacuum Pump	0831120		10	2.18		
Sheetrock (Unstippled) Ceiling	0631300		11	1.96		
Concrete Exterior Wall, 2nd Floor	0415A20		13	1.87		
Unit Heater, 400 CFM	09A1D10		14	1.84		
2 - Pipe Fan Coil, 200 CFM	09A1910		15	1.58		
Wood Frame (Painted) Oper. Window, 3rd + Floor	0431330		21	1.16		
Switchgear, Indoor, 0-600V	1115100				22	1.11
Carpet, Floor	0629100				23	1.05

Ammunition Storage Facilities - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Concrete Exterior Wall, 1st Floor	0415A10	24.65	1	26.65		
Builtup Roofing	0311100	23.92	2	23.92		
Concrete, Finished Interior Wall	061A200	16.11	3	16.11		
Overhead Service Feeder	1112000	11.72	4	11.72		
Steel (Painted) Exterior Door	0421210	9.32	5	9.32		

Cold Storage Facilities - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refrigeration Fan Coil Unit - 1 Ton	0991F10	39.13			1	39.13
Stucco Interior Wall Finish	0611400	9.61			2	9.61
Cement Asbestos Roofing	0311320	8.14			3	8.14
Motor Starter, 0 - 600V	1123600	5.98			4	5.98
Aircooled Condenser, 5 Tons	0991B10	5.46			5	5.46
Metal Window Gratings, 1st Floor	0434410	3.87			6	3.87
Stucco Exterior Wall, 1st Floor	0415C10	3.59			7	3.59
Incandescent Lighting Fixture	1131100	2.93			8	2.93
Metal Roofing	0311360	2.51			9	2.51
Wood Frame (Painted) Oper. Window, 1st Floor	0431310	2.41			10	2.41
Stucco Exterior Wall, 2nd Floor	0415C20	2.37			11	2.37

General Purpose Warehouse - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roll Roofing	0311340	13.43	1	16.83	1	11.90
Fluorescent Lighting Fixture	1131300	4.51	5	3.17	2	5.11
Cement Asbestos Roofing	0311320	3.67			3	5.10
Metal Roofing	0311360	3.32	3	4.98	8	2.57
Shingles	0311350	3.31	4	3.85	5	3.07
Fiberglass Rigid, Steep Roof	0311370	3.00			4	4.35
Plaster Wall Finish	0611100	2.54	8	2.26	6	2.66
Wood Unfinished Ceiling	0635200	2.24	14	1.44	7	2.61
Stucco Exterior Wall, 2nd Floor	0415C20	2.06	6	2.77	13	1.74
Sodium Fixture, H.P. 250W	1131610	1.75			9	2.45
Concrete, Finished Flooring	062B200	1.73			10	2.40
Stucco Interior Wall Finish	0611400	1.72			11	2.33
Chillers ACH Recip, 50 Tons	0991420	1.72	2	5.57		
Motor Starter, 0-600V	1123600	1.66	16	1.36	12	1.79
Stucco Exterior Wall, 1st Floor	0415C10	1.61	10	1.96	16	1.45
Concrete, Finished Interior Wall	061A200	1.49	7	2.32	25	1.12
Switchgear, Indoor Below 600V	1117100	1.44	9	2.19	26	1.11
Stucco Exterior Wall, 3rd+ Floor	0415C30	1.41	11	1.87	21	1.21
Concrete, Unfinished Flooring	062B100	1.32	13	1.60	22	1.19
Sheetrock (Unstippled) Ceiling	0631300	1.23			15	1.63
Distribution, Gutters, Pipe	0822100	1.18	15	1.36	27	1.09
Deaerator	0981A10	1.13			14	1.63
Vinyl Asbestos Tile Flooring	062A200	1.12	21	1.07	24	1.14
Carpet, Floor	0629100	1.09			19	1.29
Builtup Roofing	0311100	1.05			18	1.41

General Purpose Warehouse - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Shower, Ceramic Tile	0811R00		12	1.75		
Finned Radiator, Wall 10' Section	0943300		17	1.35		
Ceramic Tile Wall Finish	0612800		18	1.25		
Hollow Core (Painted) Interior Door	0533110		19	1.21		
Steel Interior Wall (Painted)	0616300		20	1.09		
Steel Frame (Painted) Oper. Window, 3rd+ Floor	0431230				17	1.42
Pressure Reducer Valve 2"	09842A0				20	1.21
Maple Floor	0625200				23	1.19

Infammable Materials Warehouse - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roll Roofing	0311340	20.25	3	8.91	1	27.70
Metal Roofing	0311360	18.65	1	40.18	4	4.51
Double Pane Wood Frame Oper. Window, 3rd+ Floor	0431830	6.11			2	10.12
Plaster Wall Finish	0611100	4.98			3	8.25
Steel (Painted) Exterior Wall, 1st Floor	0415L10	4.41	4	8.31	13	1.86
Wood, Finished (Single Coat) Ext. Wall, 1st Floor	0415E10	3.68	2	9.29		
Steel (Painted) Exterior Door	0421210	3.03	9	2.88	6	3.12
Fluorescent Lighting Fixture	1131300	2.88	8	2.96	8	2.83
Concrete Block(WP/P) Exterior Wall, 1st Floor	0415910	2.02			5	3.34
Concrete, Finished Interior Wall	061A200	1.80			7	2.88
Solid Core (Painted) Wood Exterior Door	0423210	1.71	6	3.16		
Concrete Exterior Wall, 1st Floor	0415A10	1.68	5	4.23		
Stucco Exterior Wall, 1st Floor	0415C10	1.40			23	1.12
Metal Window Gratings, 1st Floor	0434410	1.31			9	2.17
Stucco Interior Wall Finish	0611400	1.24	7	3.12		
Concrete, Finished Flooring	062B200	1.20			15	1.68
Concrete Exterior Wall, 3rd + Floor	0415A30	1.18			10	1.95
Concrete, Unfinished Flooring	062B100	1.18	10	2.59		
Clay Brick (Painted) Exterior Wall, 1st Floor	0415310	1.18			11	1.95
Concrete, Sealed Pour-In-Place Roofing	0311420	1.15			20	1.55

Infammable Materials Warehouse - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Carpet, Floor	0629100	1.12			12	1.86
Stucco Exterior Wall, 3rd + Floor	0415C30	1.09			14	1.81
Switchgear, Indoor, Below 600V	1117100	1.08			19	1.56
Wood, Finished (Multi-Coat) Exterior Wall, 1st Floor	0415F10	1.01			16	1.67
Wood Interior Steps	0572200				17	1.64
Hollow Core (Painted) Wood Interior Door	0533110				18	1.60
Wire Mesh Wall	0616400				21	1.52
Wood, Finished Ceiling	0635100				22	1.46
Wood Frame (Painted) Oper.Window, 1st Floor	0431310				24	1.05

Dental Clinic - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Plaster Wall Finish	0611100	7.92			1	7.92
Vinyl Asbestos Tile Flooring	062A200	6.46			2	6.46
Hollow Core (Painted) Interior Door	0533110	5.57			3	5.57
Metal Roofing	0311360	5.06			4	5.06
Shingles	0311350	4.99			5	4.99
Fluorescent Lighting Fixture	1131300	4.82			6	4.82
Vacuum Pump	0831120	4.25			7	4.25
Gas Compressor >1/2 H.P.	0831130	4.03			8	4.03
Motor Starter, 0-600V	1123600	3.12			9	3.12
Stucco Exterior Wall, 2nd Floor	0415C20	2.81			10	2.81
Plaster Ceiling	0631100	2.60			11	2.60
Switchgear, Indoor, Below 600V	1117100	2.27			12	2.27
Ceramic Tile Wall Finish	0612800	1.90			13	1.90
Receptacle and Plug	1127200	1.67			14	1.67
Lavatory, Vitreous China	0811500	1.67			15	1.67
Metal Wire Mesh Window Cover, 1st Floor	0434510	1.66			16	1.66
Aluminum Siding Exterior Wall, 1st Floor	0415I10	1.65			17	1.65
Stucco Exterior Wall, 1st Floor	0415C10	1.59			18	1.59
Concrete, Finished Interior Wall	061A200	1.55			19	1.55
Sheetrock (Unstippled) Wall	0611300	1.52			20	1.52
Battery, Primary Dry	1283200	1.41			21	1.41
Sink, Stainless Steel	0811F00	1.28			22	1.28
Solid Core (Painted) Interior Door	0533210	1.26			23	1.26

Dental Clinic - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Stucco Exterior Wall, 3rd+Floor	0415C30	1.24			24	1.24
Radiator, Cast Iron 10' Section	0981F00	1.22			25	1.22
Transformer, Dry Below 15,000V	1116200	1.17			26	1.17
Wiring Device, Switch	1127100	1.14			27	1.14
Distribution, Gutters, Pipe	0822100	1.10			28	1.10

Vehicle Storage/Parking Sheds - Cost by Component

Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Metal Roofing	0311360	31.39	5	7.44	1	77.91
Roll Roofing	0311340	23.09	1	34.97		
Wood, Finished (Single Coat) Ext. Wall, 1st Flr.	0415E10	8.76	2	13.27		
Wood, Finished (Single Coat) Ext. Wall, 2nd Floor	0415E20	5.52	3	8.36		
Wood, Unfinished Ceiling	0635200	5.26	4	7.97		
Board, Finished Interior Wall	0615700	3.96	6	6.00		
Concrete, Unfinished Flooring	062B100	3.91	8	3.31	2	5.07
Wood Frame (Painted) Fixed Window, 1st Floor	0432310	3.18	7	4.81		

Health Clinic - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Fluorescent Lighting Fixture	1131300	9.52	10	2.49	1	11.01
Roll Roofing	0311340	8.89			2	10.74
Drinking Fountain	0811H00	4.79	15	1.92	3	5.39
Plaster Wall Finish	0611100	3.94	2	7.98	7	3.09
Hollow Core (Painted) Interior Door	0533110	3.94	4	5.59	6	3.59
Battery, Primary Dry	1283200	3.38			4	4.10
Vinyl Asbestos Tile Flooring	062A200	3.16			5	3.65
Carpet, Floor	0629100	2.85	1	10.07	20	1.32
Shingles	0311350	2.67	3	5.95	15	1.98
Receptacle and Plug	1127200	2.58	23	1.07	9	2.89
Motor Starter, 0-600V	1123600	2.52			8	3.00
Switchgear, Indoor, Below 600V	1117100	2.38	12	2.44	12	2.37
Sheetrock (Unstippled) Wall	0611200	2.29			11	2.67
Rubber Tile Flooring	062A300	2.28			10	2.76
Ceramic Tile Wall Finish	0612800	1.95	5	4.29	19	1.46
Sink, Stainless Steel	0811F00	1.92			13	2.15
Solid Core (Painted) Interior Door	0533210	1.84			14	2.05
Cement Asbestos Roofing	0311320	1.43			16	1.73
Lightning Protection Sys. Gen. Wiring	1143100	1.41			17	1.71
Wood Louvered Interior Doors	0534230	1.38			18	1.67
Concrete Exterior Wall, 1st Floor	0415A10	1.10			21	1.32
Time Control Clock	1261100	1.06			22	1.27
Wallpaper Interior wall Finish	0614500	1.05			23	1.27

Health Clinic - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Switchgear, Indoor, 0-600V	1115100	1.04			24	1.23
Double Pane Wood Frame Oper. Window, 3rd Floor	0431830		6	4.25		
Finned Radiator, Wall, 10' Section	0943300		7	3.68		
Double Pane Wood Frame Oper. Window, 2nd Floor	0431820		8	2.63		
Wood Frame Screen Window Cover, 3rd Floor	0434830		9	2.54		
Plaster Ceiling	0631100		11	2.44		
Vacuum Pump	0831120		13	2.41		
Lavatory, Vitreous China	0811500		14	2.06		
Concrete, Finished Interior Wall	061A200		16	1.75		
Circulation Pump, 5 H.P.	0984420		17	1.63		
Stucco Exterior Wall, 2nd Floor	0415C20		18	1.61		
Shower, Ceramic Tile	0811R00		19	1.41		
Metal Window Gratings, 1st Floor	0434410		20	1.34		
Wood Frame Screen Window Cover, 2nd Floor	0434820		21	1.18		
Stucco Exterior Wall, 3rd + Floor	0415C30		22	1.18		
Stucco Exterior Wall, 1st Floor	0415C10		24	1.04		
Multi-Zone Unit, 6500 CFM	09A1110				25	1.14

General Purpose Admin. Buildings - Cost By Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Plaster Wall Finish	0611100	7.64	2	5.98	1	8.04
Fluorescent Lighting Fixture	1131300	5.22	3	5.03	3	5.28
Deaerator	0981A10	5.17			2	6.20
Shingles	0311350	4.51	1	9.70	6	3.36
Carpet, Floor	0629100	4.33	4	4.69	4	4.35
Hollow Core (Painted) Inteior Door	0533110	3.24	9	2.52	5	3.42
Roll Roofing	0311340	3.08			7	3.11
Plaster Ceiling	0631100	2.98	7	3.01	9	3.01
Vinyl Asbestos Tile Flooring	062A200	2.64	6	3.37	10	2.45
Shower, Ceramic Tile	0811R00	2.59			8	3.10
Ceramic Tile Wall Finish	0612800	1.93	13	2.15	13	1.91
Stucco Exterior Wall, 2nd Floor	0415C20	1.91	15	1.68	12	1.94
Switchgear, Indoor, Below 600V	1117100	1.90	10	2.33	14	1.80
Stucco Exterior Wall, 3rd + Floor	0415C30	1.85	17	1.40	11	2.00
Metal Roofing	0311360	1.56	12	2.22	16	1.32
Concrete, Finished Interior Wall	061A200	1.47	5	4.47		
Stucco Exterior Wall, 1st Floor	0415C10	1.45	20	1.21	15	1.47
Wood Frame (Painted) Oper. Window, 2nd Floor	0431320	1.27	16	1.62	18	1.22
Solid Core (Painted) Interior Door	0533210	1.26	11	2.26	23	1.03
Motor Starter, 0-600V	1123600	1.24	18	1.40	20	1.19
Receptacle and Plug	1127200	1.20	22	1.06	17	1.23
Finned Radiator, Wall 10'Section	0943300	1.12	8	2.63		

General Purpose Admin. Buildings - Cost By Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Wood Frame (Painted) Oper. Window, 3rd + Floor	0431330	1.08			21	1.17
Distribution, Gutters, Pipe	0822100	1.01	21	1.13		
Stucco Interior Wall Finish	0611400		14	1.70		
Rubber Tile Flooring	062A300		19	1.33		
Wood Shakes (Finished) Exterior Wall, 3rd+ Floor	0415H30		23	1.05		
Feedwater Supply	0981910				19	1.22
Generator, Diesel	1281200				22	1.15

Family Housing, Generals - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Plaster Wall Finish	0611100	9.52	3	7.04	3	6.94
Shingles	0311350	8.68	2	7.78	4	4.61
Hollow Core (Painted) Interior Door	0533110	7.00	1	9.65	6	4.19
Ceramic Tile Wall Finish	0612800	4.03	11	2.29	1	12.29
Stucco Exterior Wall, 2nd Floor	0415C20	3.74	9	2.53	15	1.86
Plaster Ceiling	0631100	3.65	10	2.45	12	2.49
Solid Core (Painted) Interior Door	0533210	3.12	15	1.51	2	9.18
Vinyl Asbestos Tile Flooring	062A200	2.73	8	2.59	7	3.91
Double Pane Wood Frame Oper. Window, 2nd Floor	0431820	2.48	14	1.62		
Double Pane wood Frame Oper. Window, 3rd+Floor	0431830	2.11	17	1.38		
Dishwasher	0841100	2.05	6	3.00		
Stucco Exterior Wall, 3rd+Floor	0415C30	2.00	22	1.07	14	2.07
Incandescent Lighting Fixture	1131100	1.79	16	1.51	10	3.38
Switchgear, Indoor, Below 600V	1117100	1.78	7	2.74		
Transformer, Dry Below 15,000V	1116200	1.71			5	4.21
Stucco Exterior Wall, 1st Floor	0415C10	1.59	13	1.72		
Receptacle and Plug	1127200	1.58	19	1.22	9	3.48
Wiring Device, Switch	1127100	1.33	20	1.20	11	2.96
Wood Frame Screen Window Cover, 2nd Floor	0434820	1.20				
Contactors and Relays	1124000	1.15				
Cast Iron Radiator, 10'Section	0943100	1.12			13	2.45
Distribution, Gutters, Pipe	0822100	1.12			19	1.44

Family Housing, Generals - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Fluorescent Lighting Fixture	1131300	1.10	21	1.16	18	1.47
Wood Shakes (Finish) Exterior Wall, 3rd + Floor	0415H30	1.09	24	1.04		
Wood Parquetry Flooring	0625100	1.08	23	1.05		
Concrete, Finished Interior Wall	061A200		4	3.35		
Radiator, Finned Wall 10' Section	0981H00		5	3.24		
Wood Shakes (Finish) Exterior Wall, 2nd Floor	0415H20		12	2.07		
Wood Frame (Painted) Oper. Window, 2nd Floor	0431320		18	1.30		
Rubber Interior Steps	0572700		25	1.01		
Metal Window Gratings, 1st Floor	0434410		26	1.01		
Wood, Finished Ceiling	0635100				8	3.75
Quarry Tile Flooring	0622200				16	1.78
Metal Roofing	0311360				17	1.49
Ceramic Tile Flooring	0622100				20	1.33
Radiator, Cast Iron, 10' Section	0981F00				21	1.30

Family Housing, Colonel - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Hollow Core (Painted) Wood Interior Door	0533110	9.21	1	11.64	8	3.07
Plaster Wall Finish	0611100	8.14	4	4.52	1	12.90
Transformer, Dry, Below 15,000V	1116200	7.39	2	10.79		
Solid Core (Painted) Wood Interior Door	0533210	6.13	5	4.00	2	8.73
Ceramic Tile Wall Finish	0612800	4.67	6	3.53	4	5.67
Plaster Ceiling	0631100	3.61	10	2.05	5	5.65
Switchgear, Indoor, Below 600V	1117100	3.31	7	3.51	9	2.97
Vinyl Asbestos Tile Flooring	062A200	2.78	12	1.58	6	4.26
Aluminum Shutter w/Frame, 1st Floor	0433510	2.75	3	7.15		
Wood Parquetry Flooring	0625100	2.31	8	2.40	14	1.62
Deaerator	0981A10	2.16			3	5.72
Stucco Exterior Wall, 3rd + Floor	0415C30	1.85	15	1.27	7	3.44
Receptacle and Plug	1127200	1.58	13	1.44	16	1.47
Shingles	0311350	1.49	16	1.22	10	2.50
Stucco Exterior Wall, 2nd Floor	0415C20	1.34	20	1.11	12	1.95
Wiring Device, Switch	1127100	1.33	21	1.09	15	1.55
Cast Iron Radiator, 10' Section	0943100	1.18			17	1.42
Incandescent Lighting Fixture	1131100	1.16	25	1.02	18	1.27
Lavatory, Vitreous China	0811500	1.16	24	1.07		
Fluorescent Lighting Fixture	1131300	1.08			19	1.25
Wood Frame (Painted) Fixed Window, 2nd Floor	0432320	1.03	9	2.14		

Family Housing, Colonel - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Builtup Roofing	0311100		11	1.79		
Hollow Core (Painted) Sliding Interior Door	0533120		14	1.32		
Stucco Interior Wall Finish	0611400		17	1.20		
Finned Radiator, Wall, 10' Section	0943300		18	1.14		
Steel Frame (Painted) Oper. Window, 2nd Floor	0431220		19	1.14		
Wood Frame (Painted) Oper. Window, 3rd + Floor	0431330		22	1.08		
Concrete, Finished Interior Wall	061A200		23	1.08		
Aluminum Shutter w/Frame, 3rd+ Floor	0433530		26	1.00		
Carpet, Floor	0629100				11	2.16
Metal Roofing	0311360				13	1.66
Stucco Exterior Wall, 1st Floor	0415C10				20	1.13
Bathtub, Enameled Steel	0811800				21	1.12
Sink, Stainless Steel	0811F00				22	1.11
Dishwasher	0533120		14	1.32		

UPH Enlisted Personnel - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Shower, Ceramic Tile	0811R00	18.04	8	3.27	1	22.15
Plaster Wall Finish	0611100	7.61	4	4.49	2	8.48
Vinyl Asbestos Tile Flooring	062A200	4.38	3	4.65	4	4.30
Fluorescent Lighting Fixture	1131300	4.25	6	3.85	3	4.36
Ceramic Tile Wall Finish	0612800	3.74	5	3.92	5	3.69
Shingles	0311350	3.51	2	6.99	9	2.55
Plaster Ceiling	0631100	2.75	18	1.73	7	3.03
Hollow Core (Painted) Interior Door	0533110	2.56	13	2.25	8	2.65
Deaerator	0981A10	2.51			6	3.20
Concrete, Finished Interior Wall	061A200	2.00	1	7.51		
Stucco Exterior Wall, 2nd Floor	0415C20	1.84	9	2.96	15	1.53
Double Pane Wood Frame Oper. Window, 3rd + Floor	0431830	1.63	19	1.61	13	1.64
Switchgear, Indoor, Below 600 V	1117100	1.60	15	2.10	16	1.46
Tile Roofing	0311330	1.59			11	2.03
Wood Frame (Painted) Oper. Window, 2nd Floor	0431320	1.34	10	2.74		
Rubber Interior Steps	0572700	1.28			12	1.64
Roll Roofing	0311340	1.28			14	1.63
Receptacle and Plug	1127200	1.14			17	1.18
Finned Radiator, Wall 10' Section	0943300	1.13	17	1.80		
Sink, Stainless Steel	8811F00	1.02	21	1.44		
Solid Core (Painted) Interior Door	0533210	1.02	12	2.48		
Stucco Interior Wall Finish	0622400		11	2.71		

UPH Enlisted Personnel - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Double Pane Wood Frame Oper. Window, 2nd Floor	0431820		14	2.10		
Pressure Reducer Valve 2"	09842A0		16	1.85		
Wood, Unfinished Ceiling	0635200		20	1.59		
Wood Frame (Painted) Oper. Window, 3rd + Floor	0431330		22	1.28		
Carpet, Floor	0629100		23	1.27		
Ceramic Tile Flooring	0622100		24	1.22		
Motor Starter, 0-600 V	1123600		25	1.21		
Steel Frame (Painted) Oper. Window, 3rd + Floor	0431230		26	1.14		
Radiator, Finned, Wall, 10' Section	0981H00		27	1.05		
Concrete, Finished Ceiling	063A200		28	1.04		
Cast Iron Radiator, 10' Section	0943100				18	1.01

UPH Dining Facilities - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Ceramic Tile Wall Finish	0612800	7.60	1	9.67	2	6.97
Plaster Wall Finish	0611100	5.90	15	1.66	1	7.19
Roll Roofing	0311340	5.05			3	6.58
Shower, Ceramic Tile	0811R00	4.84			4	6.31
Fluorescent Lighting Fixture	1131300	4.64	5	5.26	5	4.46
Shingles	0311350	4.44	2	8.58	8	3.18
Deaerator	0981A10	3.22			6	4.21
Induction Draft Fan, 10,000 CFM	09B2120	2.89			7	3.76
Motor Starter, 0-600V	1123600	2.79	4	5.44	13	1.99
Concrete, Finished Interior Wall	061A200	2.58	3	8.39		
Metal Roofing	0311360	2.16	14	1.67	10	2.31
Switchgear, Indoor, Below 600V	1117100	2.06	11	1.78	11	2.14
Plaster Ceiling	0631100	2.06			9	2.58
Stucco Exterior Wall, 1st Floor	0415C10	2.03	10	1.85	12	2.09
Ceramic Tile Flooring	0622100	1.87	9	2.23	14	1.76
Water Softener	0841300	1.44	6	5.25		
Vinyl Asbestos Tile Flooring	062A200	1.30			15	1.49
Stucco Exterior Wall, 2nd Floor	0415C20	1.14	17	1.55	20	1.02
Wood Frame (Painted) Oper. Window, 2nd Floor	0431320	1.14			17	1.29
Rubber Tile Flooring	062A300	1.06			16	1.38
Variable Volume Unit, 6500 CFM	09A1510	1.06	8	2.57		
Metal Flue/Chimney	09C2100		7	2.73		
Exhaust Fan, 5000 CFM	09C1160		12	1.75		

UPH Dining Facilities - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Wood Frame (Painted) Oper. Window, 1st Floor	0431310		13	1.68		
Switchgear, Indoor, 0-600V	1115100		16	1.63		
Contactors and Relays	1124000		18	1.51		
Quarry Tile Flooring	0622200		19	1.46		
Concrete, Finished Ceiling	063A200		20	1.33		
Wood, Unfinished Ceiling	0635200		21	1.31		
Solid Core (Painted) Interior Door	0533210		22	1.27		
Exhaust Fan, 1000 CFM	09C1120		23	1.17		
Concrete, Unfinished Flooring	062B100		24	1.04		
Single-Zone Draw Thru, 6500 CFM	09A1C10				18	1.28
Feedwater Supply	0981910				19	1.20
Forced Draft Fan, 10,000 CFM	09B2110				21	1.02

UPH Officers - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Plaster Wall Finish	0611100	13.53	5	3.27	1	17.28
Hollow Core (Painted) Interior Door	0533110	8.63	9	2.40	2	10.90
Plaster Ceiling	0631100	4.97	20	1.20	3	6.34
Concrete, Finished Interior Wall	061A200	4.57	1	13.84	21	1.19
Stucco Exterior Wall, 3rd+Floor	0415C30	3.81	7	2.58	4	4.26
Shingles	0311350	3.25	3	7.53	15	1.69
Ceramic Tile Wall Finish	0612800	2.46	24	1.03	6	2.98
Shower, Ceramic Tile	0811R00	2.33	23	1.05	7	2.80
Wire Mesh Wall	0616400	2.21			5	3.02
Stucco Exterior Wall, 2nd Floor	0415C20	2.15	10	2.27	10	2.10
Carpet, Floor	0629100	2.10	2	7.87		
Linoleum Flooring	062A100	2.10	17	1.62	9	2.27
Stucco Interior Wall Finish	0611400	2.05	4	7.36		
Deaerator	0981A10	1.67			8	2.27
Lavatory, Vitreous China	0811500	1.63	25	1.01	13	1.86
Fluorescent Lighting Fixture	1131300	1.50	12	1.97	19	1.33
Tile Roofing	0311330	1.50			11	2.04
Vinyl Asbestos Tile Flooring	062A200	1.44			12	1.89
Cast Iron Radiator, 10' Section	0943100	1.29			18	1.47
Wood Parquetry Flooring	0625100	1.25			14	1.70
Aluminum Frame Screen Cover, 3rd+Floor	0434630	1.24			16	1.69
Stucco Exterior Wall, 1st Floor	0415C10	1.19			20	1.27
Sheetrock (Unstippled) Wall Finish	0611300	1.19			17	1.62

UPH Officers - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Switchgear, Indoor, Below 600V	1117100	1.05	14	1.95		
Receptacle and Plug	1127200	1.04			22	1.15
Wood, Unfinished Ceiling	0635200	1.03	11	2.05		
Wood Frame (Painted) Oper. Window, 3rd+Floor	0431330	1.00	10	1.46		
Stucco Interior Ceiling	0631400		6	3.11		
Solid Core (Painted) Interior Door	0533210		8	2.46		
Smoke Detector	1221200		13	1.95		
Concrete, Finished Ceiling	063A200		15	1.81		
Dishwasher	0841100		16	1.80		
Finned Radiator, Wall, 10' Section	0943300		18	1.60		
Wood Frame (Painted) Oper. Window, 2nd Floor	0431320		21	1.20		
Distribution, Gutters, Pipe	0822100		22	1.09		
Tankless Water Closet	0811100				23	1.03
Wiring Device, Switch	1127100				24	1.02

Community Fire Station - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Shingles	0311350	12.07	1	15.04	1	9.42
Concrete, Finished Interior Wall	061A200	5.07	2	10.78		
Fluorescent Lighting Fixture	1131300	4.48	4	5.06	7	3.96
Carpet, Floor	0629100	4.12	3	7.19	23	1.40
Double Pane Wood Frame Fixed Window, 1st Floor	0432810	4.03	15	1.85	3	5.97
Battery, Secondary Dry	1283400	3.87			2	7.31
Ceramic Tile Wall	0612800	3.21	9	3.38	11	3.06
Ceramic Tile Flooring	0622100	2.57	12	2.40	15	2.72
Stucco Exterior Wall, 2nd Floor	0415C20	2.52			6	4.03
Wood, Finished (Multi-Coat) Exterior Wall, 2nd Floor	0415F20	2.50			4	4.73
Plaster Wall Finish	0611100	2.33	20	1.35	10	3.19
Plaster Ceiling	0631100	2.27	51	4.28		
Wood, Finished Ceiling	0635100	2.23			5	4.21
Double Pane Wood Frame Oper. Window, 1st Floor	0431810	2.19			12	2.93
Cement Asbestos Roofing	0311320	2.01			8	3.79
Stucco Exterior Wall, 1st Floor	0415C10	1.90			9	3.59
Distribution, Gutters, Pipe	0822100	1.88	13	1.95	18	1.83
Rubber Tile Flooring	062A300	1.81	6	3.86		
Solid Core (Painted) Interior Door	0533210	1.76	7	3.75		
Switchgear, Indoor, Below 600V	1117100	1.71			14	2.75
Finned Radiator, Wall, 10' Section	0943300	1.69	8	3.58		
Wallpaper Interior Wall Finish	0614500	1.52			13	2.87

Community Fire Station - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Motor Starter, 0-600 V	1123600	1.30		8	17	2.08
Sheetrock (Unstippled) Wall	0611300	1.16	10	2.48		
Switchgear, Indoor, 0-600 V	1115100	1.16	11	2.46		
Hollow Core (Painted) Interior Door	0533110	1.15			16	2.18
Receptacle and Plug	1127200	1.12			21	1.52
Transformer, Liquid Filled, Below 600V	1116100		14	1.88		
Quarry Tile Flooring	0622200		16	1.77		
Smoke Detector	1221200		17	1.68		
Steam Regulation Valve - 2"	0941300		18	1.48		
Shower, Ceramic Tile	0811R00		19	1.44		
Double Pane Wood Frame Oper. Window, 1st Floor	0431810		21	1.35		
Wiring Device Switch	1127100		22	1.14		
Sheetrock (Unstippled) Ceiling	0631300				19	1.60
Double Pane Wood Frame Oper. Window, 2nd Floor	0431820				20	1.58
Pressure Reducer Valve - 2"	09842A0				22	1.51
Transformer, Dry, Below 15,000V	1116200				24	1.37
Cast Iron Radiator, 10' Section	0943100				25	1.07
Lavatory, Vitreous China	0811500				26	1.06
Concrete, Unfinished Flooring	062B100				27	1.02

Chapel Center Facilities - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Wood Frame (Painted) Fixed Window, 1st Floor	0432310	13.74			1	16.32
Carpet, Floor	0629100	7.41			2	8.80
Roll Roofing	0311340	7.23			3	8.59
Deaerator	0981A10	6.63			4	7.87
Plaster Wall Finish	0611100	6.42			5	7.62
Wood Frame (Painted) Fixed Window, 2nd Floor	0432320	4.65			6	5.52
Hollow Core (Painted) Interior Door	0533110	3.58			7	4.21
Shingles	0311350	3.37	2	8.32	10	2.45
Stucco Exterior Wall, 1st Floor	0415C10	2.63	19	1.37	8	2.87
Wood Frame (Painted) Oper. Window, 2nd Floor	0431320	2.54	3	6.57	13	1.79
Stucco Exterior Wall, 2nd Floor	0415C20	2.43	7	3.75	12	2.18
Vinyl Asbestos Tile Flooring	062A200	2.40	4	5.72	14	1.78
Concrete, Finished Interior Wall	061A200	2.20	1	13.77		
Fluorescent Lighting Fixture	1131300	2.12			11	2.41
Plaster Ceiling	0631100	2.10			9	2.50
Wood Frame (Painted) Oper. Window, 1st Floor	0431310	1.63	16	1.60	15	1.64
Switchgear, Indoor, Below 600 V	1117100	1.28	14	1.64	16	1.21
Cast Iron Radiator, 10' Section	0943100	1.21	18	1.41	17	1.18
Stucco Exterior Wall, 3rd+ Floor	0415C30		5	5.40		
Solid Core (Painted) Wood Interior Door	0533210		6	3.78		
Motor Starter, 0-600 V	1123600		8	3.71		

Chapel Center Facilities - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Wood Frame (Painted) Oper. Window, 3rd+ Floor	0431330		9	3.06		
Wood, Unfinished Ceiling	0635200		10	3.02		
Shower, Ceramic Tile	0811R00		11	1.93		
Sink, Stainless Steel	0811F00		12	1.81		
Concrete, Finished Ceiling	063A200		13	1.66		
Incandescent Lighting Fixture	1131100		15	1.61		
Ceramic Tile Wall Finish	0612800		17	1.47		
Distribution, Gutters, Pipe	0822100		20	1.31		
Drinking Fountain	0811H00		21	1.30		
Steel Frame (Painted) Oper. Window, 3rd + Floor	0431230		22	1.26		
Pressure Sensor	09E1160		23	1.22		
Transformer, Dry, Below 15,000V	1116200		24	1.02		
Steel Frame (Painted) Oper. Window, 2nd Floor	0431220				18	1.16

Dependent Grade School - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Shingles	0311350	18.43	1	18.43		
Concrete, Finished Interior Wall	061A200	17.06	2	17.06		
Carpet, Floor	0629100	6.46	3	6.46		
Fluorescent Lighting Fixture	1131300	5.02	4	5.02		
Vinyl Asbestos Tile Flooring	062A200	4.44	5	4.44		
Hollow Core (Painted) Interior Door	0533110	3.34	6	3.34		
Contactors and Relays	1124000	3.24	7	3.24		
Switchgear, Indoor, Below 600V	1117100	2.53	8	2.53		
Concrete Exterior Wall, 2nd Floor	0415A20	2.24	9	2.24		
Ceramic Tile Wall Finish	0612800	2.14	10	2.14		
Drinking Fountain	0811H00	1.98	11	1.98		
Steel (Painted) Interior Door	0531110	1.76	12	1.76		
Distribution, Gutters, Pipe	0822100	1.71	13	1.71		
Glass Block (Operable) Window, 1st Floor	0431510	1.52	14	1.52		
Steam Regulation Valve - 2"	0941300	1.47	15	1.47		
Stone Exterior Wall, 1st Floor	0415B10	1.44	16	1.44		
Quarry Tile Flooring	0622200	1.29	17	1.29		
Cast Iron Radiator, 10' Section	0943100	1.24	18	1.24		
Wood Frame (Painted) Oper. Window, 1st Floor	0431320	1.17	19	1.17		
Acoustical Tile Ceiling	0632100	1.09	20	1.09		
Wood, Unfinished Ceiling	0635200	1.08	21	1.08		
Aluminum Frame Interior Door	0532110	1.04	22	1.04		

Post Office - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Shingles	0311350	21.62			1	21.62
Stucco Exterior Wall, 2nd Floor	0415C20	9.04			2	9.04
Plaster Wall Finish	0611100	8.43			3	8.43
Stucco Exterior Wall, 1st Floor	0415C10	5.57			4	5.57
Wire Mesh Wall	0616400	5.42			5	5.42
Fluorescent Lighting Fixture	1131300	5.14			6	5.14
Plaster Ceiling	0631100	4.81			7	4.81
Wood, Finished(Multi-Coat) Ext. Wall, 2nd FLoor	0415F20	3.28			8	3.28
Transformer, Liquid Filled, Below 600 V	1116100	3.14			9	3.14
Concrete Decking - Porch	0441100	2.94			10	2.94
Concrete Exterior Wall, 1st Floor	0415A10	2.65			11	2.65
Distribution, Gutters, Pipe	0822100	2.57			12	2.57
Metal Window Grating, 1st Floor	0434410	2.47			13	2.47
Wood Frame (Painted) Oper. Window, 2nd Floor	0431320	2.31			14	2.31
Wood Frame (Painted) Oper. Window, 1st Floor	0431310	1.82			15	1.82
Concrete, Unfinished Flooring	062B100	1.47			16	1.47
Metal Window Grating, 2nd Floor	0434420	1.47			17	1.47
Steel Sliding (Painted) Exterior Door	0421230	1.41			18	1.41
Circulation Pump, <1H.P.	0984410	1.41			19	1.41
Pressure Reducer Valve 2"	09842A0	1.30			20	1.30
Pressure Sensor	09E1160	1.17			21	1.17

Auditorium/Theatre Facility - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Shingles	0311350	7.58			1	8.44
Roll Roofing	0311340	7.49			2	8.34
Metal Roofing	0311360	5.77	1	24.78	6	3.62
Stucco Exterior Wall, 2nd Floor	0415C20	4.45	5	4.54	3	4.44
Acoustical Tile Interior Wall	0619200	3.93	11	2.13	5	4.13
Plaster Wall Finish	0611100	3.77			4	4.20
Fluorescent Lighting Fixture	1131300	3.18			7	3.44
Stucco Interior Wall	0611400	2.99	2	9.86	14	2.22
Deaerator	098A10	2.66			8	2.96
Vinyl Asbestos Tile Flooring	062A200	2.58	8	3.65	10	2.46
Carpet, Floor	0629100	2.56			9	2.84
Switchgear, Indoor, Below 600 V	1117100	2.39	6	4.23	15	2.19
Stucco Exterior Wall, 1st Floor	0415C10	2.34	10	2.53	12	2.32
Motor Starter, 0-600 V	1123600	2.16			11	2.40
Ceramic Tile Wall Finish	0612800	2.14			13	2.30
Stucco Exterior Wall, 3rd+ Floor	0415C30	2.11	7	3.72	17	1.92
Plaster Ceiling	0631100	1.95			16	2.07
Transformer, Dry, Below 15,000V	1116200	1.49	17	1.02	19	1.55
Steel Interior Wall (Painted)	0616300	1.49			18	1.66
Metal Window Grating, 1st Floor	0434410	1.33			20	1.47
Distribution, Gutters, Pipe	0822100	1.27			22	1.34
Hollow Core (Painted) Interior Door	0533110	1.26	13	1.65	24	1.22
Double Pane Wood Frame Oper. Window, 3rd + Floor	0431830	1.26			21	1.40

Auditorium/Theatre Facility - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Battery, Secondary Dry	1283400	1.12			23	1.25
Battery, Secondary Wet	1283300		3	6.89		
Water Softener	0841300		4	4.95		
Single-Zone Draw Thru, 10,000 CFM	09A1C20		9	3.36		
Concrete, Finished Interior Wall	061A200		12	2.07		
Formica Interior Wall Finish	0614100		14	1.32		
Concrete Decking - Porch	0441100		15	1.17		
Steel Louvers W/Frame - 1st Floor	0433310		16	1.08		
Wood Louvers In Frame, 2nd Floor	0433120				25	1.08

Bowling Center - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Shingles	0311350	20.95	1	23.02	1	19.41
Roll Roofing	0311340	13.98	3	7.59	2	18.57
Vinyl Sheet Flooring	062A400	7.58	2	8.88	5	6.62
Stucco Exterior Wall, 1st Floor	0415C10	5.95	11	1.99	3	8.90
Acoustical Tile Interior Wall	0619200	3.96			4	6.66
Wood Parquetry Flooring	0625100	3.90	5	6.04	11	2.31
Switchgear, Indoor, Below 600 V	1117100	3.49	6	5.03	10	2.35
Stucco Exterior Wall, 2nd Floor	0415C20	3.13	9	2.55	7	3.56
Fluorescent Lighting Fixture	1131300	3.02	7	4.09	14	2.22
Double Pane Wood Frame Oper. Window, 1st Floor	0431810	2.97			6	5.18
Wood, Finished Ceiling	0635100	2.82	4	6.62		
Ceramic Tile Wall Finish	0612800	2.47	8	2.58	9	2.39
Hollow Core (Painted) Interior Door	0533110	1.90	17	1.36	12	2.30
Plaster Wall Finish	0611100	1.63			13	2.24
Metal Window Grating, 1st Floor	0434410	1.39			8	2.43
Plaster Ceiling	0631100	1.32			15	2.03
Distribution, Gutters, Pipe	0822100	1.08	16	1.44		
Contactors and Relays	1124000		10	2.15		
Stucco Interior Wall Finish	0611400		12	1.96		
Safety Switch, Enclosed	1122100		13	1.90		
Unit Heater, 400 CFM	09A1D10		14	1.73		
Panel (Solid) Interior Wall	0615500		15	1.54		
Wood, Finished (Multi-Coat) Ext. Wall, 2nd	0415F20		18	1.14		

Bowling Center - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Stucco Interior Ceiling	0631400		19	1.03		

Child Support Center - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Vinyl Sheet Flooring	062A400	8.83			1	8.83
Plaster Wall Finish	0611100	6.93			2	6.93
Roll Roofing	0311340	5.56			3	5.56
Carpet, Floor	0629100	5.23			4	5.23
Fluorescent Lighting Fixture	1131300	5.12			5	5.12
Metal Roofing	0311360	5.05			6	5.05
Aluminum Shutter With Frame, 1st Floor	0433510	4.35			7	4.35
Tile Roofing	0311330	3.20			8	3.20
Solid Core (Painted) Interior Door	0533210	3.01			9	3.01
Switchgear, Indoor, Below 600 V	1117100	2.65			10	2.65
Ceramic Tile Wall Finish	0612800	2.54			11	2.54
Radiator, Finned, Wall, 10' Section	0981H00	2.45			12	2.45
Smoke Detector	1221200	2.29			13	2.29
Plaster Ceiling	0631100	2.29			14	2.29
Stucco Exterior Wall, 1st Floor	0415C10	2.02			15	2.02
Drinking Fountain	0811H00	1.49			16	1.49
Distribution, Gutters, Pipe	0822100	1.36			17	1.36
Thermostats/Pneumatics	09E1110	1.36			18	1.36
Shingles	0331350	1.28			19	1.28
Circulation Pump < 1 H.P.	0984410	1.24			20	1.24
Exhaust Fan, 200 CFM	09C1110	1.17			21	1.17
Pressure Sensor	09E1160	1.14			22	1.14
Pressure Reducer Valve 2"	09842A0	1.13			23	1.13

Child Support Center - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Concrete Exterior Wall, 2nd Floor	0415A20	1.08			24	1.08
Concrete Exterior Wall, 1st Floor	0415A10	1.07			25	1.07
Vinyl Asbestos Tile Flooring	062A200	1.05			26	1.05
Sheetrock (Stipple) Wall Finish	0611200	1.01			27	1.01

Commissary - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Metal Roofing	0311360	8.35			1	9.98
Wood Louver in Frame, 3rd Floor	0433130	6.66			2	7.96
Roll Roofing	0311340	5.63			3	6.73
Generator, Vapor Gas Powered	1281300	4.68			4	5.59
Fluorescent Lighting Fixture	1131300	4.17	7	3.69	5	4.26
Simplex Air Compressor, 1 H.P.	09E1310	2.91			6	3.48
Stucco Interior Wall Finish	0611400	2.63			7	3.15
Wood Frame (Painted) Oper. Window, 3rd+ Floor	0431330	2.49	3	6.71	15	1.67
Generator, Gasoline Powered	1281100	2.34			8	2.80
Concrete, Finished Interior Wall	061A200	2.31	2	7.19	20	1.36
Generator, Diesel	1281200	2.30	1	14.09		
Stucco Exterior Wall, 3rd + Floor	0415C30	2.23	5	4.57	13	1.78
Deaerator	0981A10	1.99			9	2.38
Switchgear, Indoor, Below 600 V	1117100	1.99	9	2.54	12	1.88
Wood Louver in Frame, 2nd Floor	0433120	1.74			10	2.08
Steel Interior Wall (Painted)	0616300	1.65			11	1.97
Concrete, Unfinished Flooring	062B100	1.56	11	2.25	19	1.42
Ceramic Tile Wall Finish	0612800	1.51			16	1.66
Concrete, Finished Flooring	062B200	1.48			14	1.70
Shingles	0311350	1.33	8	2.57	24	1.09
Linoleum Flooring	062A100	1.32			17	1.58
Slate Roofing	0311310	1.27			18	1.52
Vinyl Asbestos Tile Flooring	062A200	1.12	19	1.28	25	1.09

Commissary - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Motor Starter, 0 - 600 V	1123600	1.10	18	1.35	26	1.05
Concrete Block (Painted) Interior Wall	0612400	1.07			21	1.28
Plaster Wall Finish	0611100	1.07			22	1.15
Stucco Exterior Wall, 2nd Floor	0415C20	1.01	14	1.75		
Concrete Decking - Porch	0441100	1.00			23	1.10
Wood Frame (Painted) Fixed Window, 3rd + Floor	0432330		4	5.56		
Tile Roofing	0311330		6	4.52		
Concrete, Finished Ceiling	063A200		10	2.47		
Wood Frame (Painted) Fixed Window, 2nd Floor	0432320		12	2.08		
Wood, Unfinished Ceiling	0635200		13	1.80		
Wood Frame (Painted) Oper. Window, 2nd Floor	0431320		15	1.61		
Steel Flooring	0626100		16	1.50		
Stucco Exterior Wall, 1st Floor	0415C10		17	1.48		
Pressure Reducer Valve 2"	09842A0		20	1.23		
Lightning Prot. Sys., Grounding Rod	1143510		21	1.18		
Refrigeration Fan Coil Unit, 5 Tons	0991F30		22	1.17		
Water Softener	0841300		23	1.12		
Wood Frame (Painted) Oper. Window, 1st Floor	0431310		24	1.08		
Hollow Core (Painted) Interior Door	0533110		25	1.02		

Arts and Crafts Center - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roll Roofing	0311340	21.61			1	21.61
Fluorescent Lighting Fixture	1131300	9.66			2	9.66
Clay Block (Painted) Interior Wall	0612200	8.10			3	8.10
Shingles	0311350	4.86			4	4.86
Plaster Wall Finish	0611100	4.57			5	4.57
Switchgear, Indoor, Below 600 V	1117100	4.06			6	4.06
Motor Starter, 0 - 600 V	1123600	2.93			7	2.93
Vinyl Asbestos Tile Flooring	062A200	2.81			8	2.81
Concrete, Finished Flooring	062B200	2.39			9	2.39
Stucco Exterior Wall, 2nd Floor	0415C20	2.23			10	2.23
Receptacle and Plug	1127200	2.22			11	2.22
Stucco Exterior Wall, 1st Floor	0415C10	1.90			12	1.90
Circulation Pump, < 1 H.P.	0984410	1.88			13	1.88
Pressure Sensor	09E1160	1.56			14	1.56
Steel (Painted) Interior Door	0531110	1.52			15	1.52
Steel (Painted) Exterior Door	0421210	1.49			16	1.49
Finned Radiator, Wall, 10' Section	0943300	1.48			17	1.48
Lavatory, Vitreous China	0811500	1.08			18	1.08

Auto Crafts Center - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roll Roofing	0311340	23.03	1	27.67	1	21.15
Plaster Wall Finish	0611100	6.66			2	9.35
Stucco Exterior Wall, 1st Floor	0415C10	5.34	15	1.99	3	6.69
Fluorescent Lighting Fixture	1131300	4.10	14	2.27	5	4.84
Motor Starter, 0-600 V	1123600	3.70			4	4.88
Stucco Interior Wall Finish	0611400	3.52	2	12.26		
Switchgear, Indoor, Below 600 V	1117100	3.47	11	2.56	8	3.84
Shingles	0311350	3.28			6	4.60
Air Compressor, 1 H. P.	0831110	2.88	3	6.50	15	1.41
Variable Volume Unit, 10,000 CFM	09A1520	2.76			7	3.87
Plaster Ceiling	0631100	2.41			9	3.39
Unit Heater, 1200 CFM	09A1D20	2.13			10	2.99
Concrete, Finished Flooring	062B200	1.79	12	2.42	12	1.53
Stucco Exterior Wall, 2nd Floor	0415C20	1.60	13	2.34	18	1.30
Cement Asbestos Roofing	0311320	1.50			11	2.11
Wood, Finished Ceiling	0635100	1.48	4	5.15		
Ceramic Tile Wall Finish	0612800	1.30	8	3.37		
Distribution, Gutters, Pipe	0822100	1.24	18	1.21	19	1.24
Metal Grating Floor	0626200	1.22	5	4.24		
Vinyl Asbestos Tile Flooring	062A200	1.08			14	1.41
Single-Zone Draw Thru, 6500 CFM	09A1C10	1.07	6	3.71		
Receptacle and Plug	1127200	1.05			21	1.20
Steel (Painted) Interior Door	0531110	1.05			17	1.33
Simplex Air Compressor, 1 H.P.	09E1310	1.03			13	1.44

Auto Crafts Center - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Concrete, Unfinished Flooring	062B100	1.02			16	1.34
Wood, Finished (Multi-Coat) Exterior Wall, 2nd Floor	0415F20		7	3.42		
Transformer, Dry, Below 15,000V	1116200		9	3.28		
Unit Heater, 400 CFM	09A1D10		10	2.72		
Steel Frame (Painted) Oper. Window, 1st Floor	0431210		16	1.92		
Metal Roofing	0311360		17	1.66		
Steel (Painted) Exterior Door	0421210				20	1.23
Wood Frame (Painted) Oper. Window, 1st Floor	0431310				22	1.11
Thermostats/Pneumatics	09E1110				23	1.02

Continuing Education Facility - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Carpet, Floor	0629100	13.67			1	15.67
Transformer, Liquid Filled, Above 600 V	1114100	8.88	1	69.43		
Plaster Wall Finish	0611100	8.22			2	9.43
Tile Flooring	0311330	7.34			3	8.42
Stucco Exterior Wall, 3rd + Floor	0415C30	4.19			4	4.81
Fluorescent Lighting Fixture	1131300	3.77			5	4.23
Hollow Core (Painted) Interior Door	0533110	3.63			6	4.16
Plaster Ceiling	0631100	3.58			7	4.10
Stucco Interior Wall Finish	0611400	3.54			8	4.06
Stucco Exterior Wall, 2nd Floor	0415C20	2.72			9	3.12
Vinyl Asbestos Tile Flooring	062A200	2.24			10	2.57
Double Pane Wood Frame Oper. Window, 3rd + Floor	0431830	2.17			11	2.49
Stucco Exterior Wall, 1st Floor	0415C10	1.99			14	1.96
Double Pane Steel Frame Oper. Window, 1st Floor	0431710	1.92			12	2.20
Ceramic Tile Wall Finish	0612800	1.73			13	1.99
Switchgear, Indoor, Below 600 V	1117100	1.46			15	1.67
Solid Core (Painted) Interior Door	0533210	1.44			16	1.65
Lightning Protection Sys. Grounding Rod	1143510	1.37			17	1.57
Contactors and Relays	1124000	1.34			18	1.54
Cast Iron Radiator, 10' Section	0943100	1.19			19	1.37
Distribution, Gutters, Pipe	0822100	1.19			22	1.23

Continuing Education Facility - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Carpet, Floor	0629100	13.67			1	15.67
Transformer, Liquid Filled, Above 600 V	1114100	8.88	1	69.43		
Plaster Wall Finish	0611100	8.22			2	9.43
Tile Flooring	0311330	7.34			3	8.42
Stucco Exterior Wall, 3rd + Floor	0415C30	4.19			4	4.81
Fluorescent Lighting Fixture	1131300	3.77			5	4.23
Hollow Core (Painted) Interior Door	0533110	3.63			6	4.16
Plaster Ceiling	0631100	3.58			7	4.10
Stucco Interior Wall Finish	0611400	3.54			8	4.06
Stucco Exterior Wall, 2nd Floor	0415C20	2.72			9	3.12
Vinyl Asbestos Tile Flooring	062A200	2.24			10	2.57
Double Pane Wood Frame Oper. Window, 3rd + Floor	0431830	2.17			11	2.49
Stucco Exterior Wall, 1st Floor	0415C10	1.99			14	1.96
Double Pane Steel Frame Oper. Window, 1st Floor	0431710	1.92			12	2.20
Ceramic Tile Wall Finish	0612800	1.73			13	1.99
Switchgear, Indoor, Below 600 V	1117100	1.46			15	1.67
Solid Core (Painted) Interior Door	0533210	1.44			16	1.65
Lightning Protection Sys. Grounding Rod	1143510	1.37			17	1.57
Contactors and Relays	1124000	1.34			18	1.54
Cast Iron Radiator, 10' Section	0943100	1.19			19	1.37
Distribution, Gutters, Pipe	0822100	1.19			22	1.23

Continuing Education Facility - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Sheetrock (Unstippled) Wall Finish	0611300	1.11			20	1.28
Receptacle and Plug	1127200	1.09			21	1.24
Circuit Breaker, Fixed >600 V, 3P	11223C0	1.09	2	8.49		
Drain Valve	0984280	1.04			23	1.19
Double Pane Plastic Frame Oper. Window, 2nd Floor	0431920	1.02			24	1.17
Double Pane Plastic Frame Oper. Window, 3rd + Floor	0431930	1.01			25	1.16
Standard Suspended Heater	1273100		3	4.97		
Lavatory, Vitreous China	0811500				26	1.02

Physical Fitness Center - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Builtup Roofing	0311100	8.45			1	10.00
Shingles	0311350	6.79	1	15.16	2	5.25
Metal Ceiling (Painted)	0636100	4.51	15	2.10	3	4.95
Wood Parquetry Flooring	0625100	4.37	2	7.08	6	3.87
Metal Roofing	0311360	4.00	18	1.81	4	4.41
Fluorescent Lighting Fixture	1131300	3.74	10	2.50	5	3.97
Plaster Wall Finish	0611100	3.45	5	4.16	8	3.31
Stucco Exterior Wall, 3rd+Floor	0415C30	3.05	6	3.99	9	2.88
Steel Interior Wall (Painted)	0616300	2.95			7	3.49
Stucco Exterior Wall, 2nd Floor	0415C20	2.36	8	3.53	12	2.14
Cermaic Tile Wall Finish	0612800	2.33	13	2.39	10	2.31
Switchgear, Indoor, Below 600 V	1117100	1.95	23	1.31	13	2.07
Pressure Reducer Valve 2"	09842A0	1.90			11	2.25
Stucco Exterior Wall, 1st Floor	0415C10	1.87	7	3.96	16	1.49
Wood, Finished Ceiling	0635100	1.86	3	6.06	21	1.09
Shower, Ceramic Tile	0811R00	1.77	4	4.25	20	1.32
Cement Asbestos Roofing	0311320	1.59			14	1.88
Carpet, Floor	0629100	1.49			15	1.62
Formica Interior Wall Finish	0614100	1.49	12	2.40	19	1.32
Wood Frame (Painted) Fixed Window, 2nd Floor	0432320	1.26			17	1.49
Vinyl Asbestos Tile Flooring	062A200	1.19			18	1.41
Single-Zone Draw Thru, 25,000 CFM	09A1C30		9	3.22		
Circulation Pump, 5 H.P.	0984420		11	2.43		
Stucco Interior Wall Finish	0611400		14	2.38		

Physical Fitness Center - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
HID, Metal Halide Fixture, 250W	1131420		16	2.09		
Finned Radiator, Wall, 10' Section	0943300		17	1.96		
Rubber Tile Flooring	062A300		19	1.77		
Steel Frame (Painted) Oper. Window, 3rd+Floor	0431230		20	1.58		
Steel Frame (Painted) Fixed Window, 3rd+ Floor	0432230		21	1.47		
Steel (Painted) Interior Door	0531110		22	1.32		
Lightning Prot. Sys., Grounding Rod	1143510		24	1.27		
Contactors and Relays	1124000		25	1.17		

Transient Housing Facilities - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Stucco Interior Wall Finish	0611400	11.13			1	14.81
Carpet, Floor	0629100	10.77	1	13.84	2	9.76
Shower, Ceramic Tile	0811R00	7.53	8	3.37	3	8.91
Ceramic Tile Wall Finish	0612800	6.38	5	4.76	4	6.92
Wood, Finished Ceiling	0635100	4.54			5	6.04
Shingles	0311350	4.38	3	5.97	7	3.85
Finned Radiator, Wall, 10' Section	0943300	3.90			6	5.19
Solid Core (Painted) Interior Door	0533210	3.14	6	4.20	10	2.79
Hollow Core (Painted) Interior Door	0533110	2.62			8	3.49
Smoke Detector	1221200	2.58	9	3.28	12	2.35
Stucco Exterior Wall, 2nd Floor	0415C20	2.41	10	2.96	14	2.23
Switchgear, Indoor, Below 600 V	1117100	2.25			11	2.67
Aluminum Frame Storm Window, 2nd Floor	0434120	2.10			9	2.80
Ceramic Tile Flooring	0622100	1.93			13	2.30
Lavatory, Vitreous China	0811500	1.89	17	1.56	15	1.99
Concrete, Finished Interior Wall	061A200	1.79	2	7.18		
Tankless Water Closet	0811100	1.33			18	1.52
Wood Frame (Painted) Oper. Window, 2nd Floor	0431320	1.31	4	5.28		
Fluorescent Lighting Fixture	1131300	1.31	11	2.65		
Stucco Exterior Wall, 1st Floor	0415C10	1.25	23	1.07	21	1.31
Aluminum Frame Storm Window, 1st Floor	0434110	1.20			16	1.60

Consolidated Open Dining Facility - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Carpet, Floor	0629100	10.72	2	5.09	1	12.70
Shingles	0311350	5.17	1	8.50	4	4.00
Switchgear, Indoor, Below 600 V	1117100	4.64	6	3.82	3	4.93
Plaster Wall Finish	0611100	4.33			2	5.62
Ceramic Tile Wall Finish	0612800	3.47	8	3.48	5	3.47
Fluorescent Lighting Fixture	1131300	2.94	12	2.45	7	3.12
Motor Starter, 0-600 V	1123600	2.89	3	4.57	11	2.29
Hollow Core (Painted) Interior Door	0533110	2.87	11	2.47	8	3.00
Wood Frame (Painted) Oper. Window, 2nd Floor	0431320	2.46			6	3.23
Contactors and Relays	1124000	2.17	5	4.06	18	1.50
Finned Radiator, Wall 10' Section	0943300	2.14	4	4.12	20	1.44
Plaster Ceiling	0631100	2.09			9	2.54
Stucco Exterior Wall, 2nd Floor	0415C20	1.95	24	1.16	12	2.23
Roll Roofing	0311340	1.74			10	2.36
Incandescent Lighting Fixture	1131100	1.74	15	1.77	15	1.73
Stucco Interior Wall Finish	0611400	1.71	9	3.32	23	1.14
Cement Asbestos Roofing	0311320	1.58			13	2.14
Stucco Exterior Wall, 3rd+ Floor	0415C30	1.44			14	1.95
Wood Frame (Painted) Oper. Window, 1st Floor	0431310	1.32			16	1.61
Stucco Exterior Wall, 1st Floor	0415C10	1.29	22	1.32	21	1.28
Ceramic Tile Flooring	0622100	1.15	26	1.12	22	1.16
Carpeted Interior Wall Finish	0614800	1.15	7	3.54		
Metal Roofing	0311360	1.13			17	1.51

Transient Housing Facilities - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Receptacle and Plug	1127200	1.20			20	1.34
Heat Detector	1221500	1.19			17	1.59
Transformer, Dry, Below 15,000V	1116200	1.15	20	1.39	22	1.08
Plaster Wall Finish	0611100	1.13	7	4.02		
Valve, Non-Drain 4" - 6"	0814500	1.11			19	1.47
Wood, Unfinished Ceiling	0635200		12	2.16		
Metal Window Gratings, 1st Floor	0434410		13	2.05		
Wood Frame (Painted) Oper. Window, 1st Floor	0431310		14	1.89		
Steel Louvers W/Frame, 2nd Floor	0433320		15	1.88		
Stucco Exterior Wall, 3rd + Floor	0415C30		16	1.60		
Concrete, Finished Ceiling	063A200		18	1.54		
Steel Louvers W/Frame, 1st Floor	0433310		19	1.40		
Steel Frame (Painted) Oper. Window, 3rd+ Floor	0431230		21	1.36		
Switchgear, Indoor, 0-600 V	1115100		22	1.13		
Steel Frame (Painted) Oper. Window, 1st Floor	0431210		24	1.03		
Steel Louvered Interior Door	0534220		25	1.03		

Library Facility - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Vinyl Asbestos Tile Flooring	062A2[illegible]	20.25			1	20.25
Shingles	0311350	16.20			2	16.20
Steel Frame (Painted) Oper. Window, 2nd Floor	0431220	7.96			3	7.96
Steel Frame (Painted) Fixed Window, 2nd Floor	0432220	6.16			4	6.16
Fluorescent Lighting Fixture	1131300	6.04			5	6.04
Sheetrock (Unstippled) Ceiling	0631300	5.76			6	5.76
Clay Block(Painted)Interior Wall	0612200	5.04			7	5.04
Single-Zone Draw Thru, 1000 CFM	09A1C50	3.12			8	3.12
Concrete, Finished Ceiling	063A200	2.60			9	2.60
Motor Starter, 0-600 V	1123600	2.38			10	2.38
Plywood (Painted) Interior Wall	0615100	1.76			11	1.76
Switchgear, Indoor, Below 600 V	1117100	1.70			12	1.70
Distribution, Gutters, Pipe	0822100	1.67			13	1.67
Switchgear, Indoor, 0-600V	1115100	1.61			14	1.61
Drain Valve	0984280	1.36			15	1.36
Steel (w/safety glass) Painted Exterior Door	0421220	1.24			16	1.24
Concrete, Finished Interior Wall	061A200	1.11			17	1.11
Heat Pump, 1 Ton	09A1E40	1.11			18	1.11

Consolidated Open Dining Facility - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Feedwater Supply	0981910	1.09			19	1.47
Receptacle and Plug	1127200	1.01	28	1.00	25	1.01
Concrete, Finished Interior Wall	061A200		10	2.51		
Battery, Secondary Dry	1283400		13	2.44		
Wood, Finished (Single-Coat) Ext. Wall, 1st Flr.	0415E10		14	1.83		
Aluminum Louvers in Frame, 1st Floor	0433210		16	1.70		
Rubber Tile Flooring	062A300		17	1.56		
Safety Switch, Enclosed	1122100		18	1.51		
Smoke Detector	1221200		19	1.49		
Wallpaper Interior Wall Finish	0614500		20	1.43		
Wood Finished (Single-Coat) Ext. Wall, 2nd Floor	0415E20		21	1.39		
Switchgear, Indoor, 0-600 V	1115100		23	1.30		
Wiring Device, Switch	1127100		25	1.12		
Marble Flooring	0622400		27	1.09		
Vinyl Asbestos Tile Flooring	062A200				24	1.04

Exchange Auto Service Station - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Switchgear, Indoor, 0-600 V	1115100	22.33	1	22.33		
Safety Switch, Enclosed	1122100	11.16	2	11.16		
Stucco Exterior Wall, 1st Floor	0415C10	7.66	3	7.66		
Builtup Roofing	0311100	7.31	4	7.31		
Motor Starter, 0-600 V	1123600	5.42	5	5.42		
Exhaust Fan, 200 CFM	09C1110	4.92	6	4.92		
Plywood (Painted/Stained) Interior Wall	0615100	4.80	7	4.80		
Hot Water Heater, Electric, 52 Gallon	0814L00	3.96	8	3.96		
Concrete Decking - Porch	0441100	3.26	9	3.26		
Metal Wire Mesh Window Cover, 1st Floor	0434510	2.82	10	2.82		
Vinyl Asbestos Tile Flooring	062A200	2.80	11	2.80		
Fluorescent Lighting Fixture	1131300	2.49	12	2.49		
Solid Core (Painted) Interior Door	0533210	2.47	13	2.47		
Wood, Finished Ceiling	0635100	2.42	14	2.42		
Lavatory, Vitreous China	0811500	2.15	15	2.15		
Aluminum (safety glass) Exterior Door	0421120	2.01	16	2.01		

Community Retail Store - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Metal Roofing	0311360	11.52	7	3.33	1	13.07
Fluorescent Lighting Fixture	1131300	6.70	2	8.16	2	6.42
Carpet, Floor	0629100	6.38	3	7.18	3	6.22
Forced Draft Fan, 10,000 CFM	09B2110	4.26			4	5.07
Shingles	0311350	3.48	1	14.18	16	1.46
Builtup Roofing	0311100	3.25			5	3.86
Switchgear, Indoor, Below 600 V	1117100	2.81	6	3.37	7	2.71
Roll Roofing	0311340	2.34			6	2.78
Battery, Secondary Wet	1283300	2.19			8	2.61
Motor Starter, 0-600 V	1123600	1.91	20	1.09	10	2.07
Plaster Wall Finish	0611100	1.85	12	2.02	13	1.82
Quarry Tile Flooring	0622200	1.80			9	2.11
Ceramic Tile Wall Finish	0612800	1.76	10	2.20	14	1.68
Linoleum Flooring	062A100	1.60			11	1.90
Stucco Exterior Wall, 2nd Floor	0415C20	1.58	13	1.98	15	1.50
Metal Floor Grating	0626200	1.54			12	1.82
Stucco Exterior Wall, 1st Floor	0415C10	1.45	14	1.75	19	1.39
Contactors and Relays	1124000	1.36			17	1.44
Hollow Core (Painted) Interior Door	0533110	1.28			18	1.40
Vinyl Asbestos Tile Flooring	062A200	1.21	8	2.69		
Finned Radiator, Wall, 10' Section	0943300	1.08	11	2.05		
Concrete, Finished Interior Wall	061A200		4	4.64		
Aluminum Louvers In Frame, 1st Floor	0433210		5	3.70		

Community Retail Store - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Vinyl Sheet Flooring	062A400		9	2.37		
Multi-Zone Unit, 10,000 CFM	09A1120		15	1.72		
Metal Window Gratings, 1st Floor	0434410		16	1.58		
Distribution, Gutters, Pipe	0822100		17	1.54		
Plaster Ceiling	0631100		18	1.12		
Steel Interior Wall (Painted)	0616300		19	1.10		
Single-Zone Draw Thru, 6500 CFM	09A1C10				20	1.07
Open Head Sprinkler Head	0844110				21	1.06
Pressure Sensor	09E1160				22	1.01

Restaurant/Cafeteria - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Shingles	0311350	6.82	1	7.54	5	5.84
Ceramic Tile Wall Finish	0612800	4.99	8	3.51	3	7.06
Fluorescent Lighting Fixture	1131300	4.93	4	4.87	6	5.02
Roll Roofing	0311340	4.63	25	1.02	1	9.66
Motor Starter, 0-600 V	1123600	4.10	2	6.07	19	1.37
Switchgear, Indoor, Below 600 V	1117100	3.67	7	3.60	8	3.77
Battery, Secondary Wet	1283300	3.30			2	7.87
Quarry Tile Flooring	0622200	2.99			4	6.63
Builtup Roofing	0311100	2.84	3	4.88		
Concrete, Finished Interior Wall	061A200	2.50	5	4.24		
Dual Duct Unit, 6500 CFM Floor	09A1210	2.36	6	4.05		
Stucco Exterior Wall, 1st Floor	1415C10	2.27	22	1.06	7	3.95
Contactors and Relays	1124000	2.21	11	2.25	10	2.15
Plaster Wall Finish	0611100	2.16	14	1.97	9	2.41
Finned Radiator, Wall, 10' Section	0943300	2.10	12	2.14	12	2.03
Carpet, Floor	0629100	2.05	9	2.99		
Stucco Exterior Wall, 2nd Floor	0415C20	1.76	10	2.65		
Carpeted Interior Wall Finish	0614800	1.57	15	1.74	20	1.34
Ceramic Tile Flooring	0622100	1.50	16	1.72	22	1.19
Stucco Exterior Wall, 3rd + Floor	0415C30	1.22	13	2.09		
Distribution, Gutters, Pipe	0822100	1.12			17	1.50
Wood Frame (Painted) Oper. Window, 2nd Floor	0431320	1.11			14	1.82

Restaurant/Cafeteria - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Wood Frame (Painted) Oper. Window, 1st Floor	0431310	1.10			13	1.84
Safety Switch, Fused, 3P	1122430	1.01	19	1.30		
Stucco Interior Wall Finish	0611400		17	1.71		
Water Softener	0841300		18	1.38		
Glass Block Fixed Window, 3rd+ Floor	0432530		20	1.09		
Battery, Secondary Dry	1283400		21	1.08		
Solid Core (Painted) Interior Door	0533210		23	1.03		
HID, Metal Halide Fixture, 250W	1131420		24	1.02		
Plywood (Painted/Stained) Interior Wall	0615100				11	2.04
Hollow Core (Painted) Interior Door	0533110				15	1.63
Refrigeration Fan Coil, 1 Ton	0991F10				16	1.60
Metal Window Gratings, 1st Floor	0434410				18	1.42
Wood, Finished Ceiling	0635100				21	1.25
Switchgear, Indoor, 0-600 V	1115100				23	1.19
Wood, Finished (Multi-Coat) Ext. Wall, 1st Floor	0425F10				24	1.14
Plaster Ceiling	0631100				25	1.07

Youth Center - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Plaster Wall Finish	0611100	30.63	1	36.35	5	5.71
Shingles	0311350	8.45	4	6.74	1	15.90
Vinyl Sheet Flooring	062A400	6.80	2	8.37		
Fiberglass Panel Interior Wall	0619500	5.69	3	6.99		
Finned Radiator, Wall, 10' Section	0943300	3.80	5	4.67		
Ceramic Tile Wall Finish	0612800	3.17	6	3.17	10	3.18
Fluorescent Lighting Fixture	1131300	2.66	9	1.98	6	5.62
Pressure Reducer Valve 2"	09842A0	2.27	11	1.91	8	3.85
Stucco Exterior Wall, 2nd Floor	0415C20	2.21	8	2.22	13	2.18
Stucco Exterior Wall, 1st Floor	0415C10	2.01			4	6.46
Carpet, Floor	0629100	1.83	7	2.25		
Switchgear, Indoor, Below 600 V	1117100	1.59	17	1.06	7	3.91
Plaster Ceiling	0631100	1.57	10	1.93		
Solid Core (Painted) Interior Door	0533210	1.50	12	1.84		
Double Pane Wood Frame Oper. Window, 2nd Floor	0431820	1.32	13	1.63		
Hollow Core (Painted) Interior Door	0533110	1.32			2	7.06
Double Pane Wood Frame Oper. Window, 1st Floor	0431810	1.28	14	1.57		
Vinyl Asbestos Tile Flooring	062A200	1.23			3	6.61
Concrete, Unfinished Interior Wall	061A100	1.10	15	1.35		
Circulation Pump, < 1 H.P.	0984410	1.06			16	2.04
Aluminum (Insulated) P & A Exterior Door	0421150		16	1.16		

Youth Center - Cost by Component

Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Metal Window Gratings, 1st Floor	0434410				9	3.33
Thermostats/Pneumatics	09E1110				11	3.07
Wood, Finished (Single-Coat) Ext. Wall, 1st Floor	0415E10				12	2.34
Cast Iron Radiator, 10' Section	0943100				14	2.08
Double Pane Aluminum Oper. Window, 1st Floor	0431610				15	2.07
Distribution, Gutters, Pipe	0822100				17	1.86
Steam Trap, F & T <1"	0984370				18	1.85
Steam Converter, Less than 300,000	0941100				19	1.70
Pressure Sensor	09E1160				20	1.69
Receptacle and Plug	1127200				21	1.68
Tankless Water Closet	0811100				22	1.42
Acoustical Tile (Dropped) Ceiling	0632200				23	1.36
Flash Tank	0981K10				24	1.28
Valve, Non-Drain 3/8"-1 1/2"	0814300				25	1.05

Recreation Building - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Battery, Primary Wet	1283100	6.50	1	19.78		
Roll Roofing	0311340	5.39			1	8.03
Carpet, Floor	0629100	4.64	2	9.49	14	2.26
Plaster Wall Finish	0611100	4.11	4	4.04	4	4.15
Fluorescent Lighting Fixture	1131300	3.81	9	2.61	3	4.41
Deaerator	0981A10	3.07			2	4.58
Concrete, Finished Interior Wall	061A200	2.93	5	3.76	11	2.52
Switchgear, Indoor, Below 600 V	1117100	2.56	8	2.62	10	2.53
Wood Frame (Painted) Oper. Window, 3rd+Floor	0431330	2.36			5	3.52
Ceramic Tile Wall Finish	0612800	2.36	15	1.51	8	2.78
Vinyl Asbestos Tile Flooring	062A200	2.29	24	1.03	6	2.91
Plaster Ceiling	0631100	2.26	11	2.20	13	2.29
Tile Roofing	0311330	2.20	3	5.98		
Wood Frame (Painted) Oper. Window, 2nd Floor	0431320	2.16	16	1.34	9	2.57
Shingles	0311350	2.15	12	2.10	15	2.18
Stucco Exterior Wall, 2nd Floor	0415C20	1.95	14	1.60	16	2.11
Chiller, Two Stage Absorber, 300 Tons	0991A10	1.89			7	2.82
Stucco Exterior Wall, 3rd + Floor	0415C30	1.75			12	2.42
Finned Radiator, Wall, 10' Section	0943300	1.52	6	3.65		
Distribution, Gutters, Pipe	0822100	1.51	7	2.78		
Stucco Exterior Wall, 1st Floor	0415C10	1.51	22	1.08	18	1.72
Battery, Secondary Dry	1283400	1.33			17	1.99

Recreation Building - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Solid Core (Painted) Interior Door	0533210	1.25	13	1.80		
Wood Shutter W/Frame, 1st Floor	0433410		10	2.46		
Water Heater, Electric, 1000 Gallon	0814J00		17	1.28		
Acoustical Tile Interior Wall	0619200		18	1.26		
Hollow Core (Painted) Interior Door	0533110		19	1.24		
Wood Parquetry Flooring	0625100		20	1.23		
Marble Flooring	0622400		21	1.10		
Wood Frame (Double Pane) Oper. Window, 1st Floor	0431810		23	1.04		
Rubber Tile Flooring	062A300				19	1.24
Metal Window Gratings, 1st Floor	0434410				20	1.23
Single-Zone Draw Thru, 6500 CFM	09A1C10				21	1.23
Vinyl Sheet Flooring	062A400				22	1.20
Wood Frame (Painted) Oper. Window, 1st Floor	0431310				23	1.17
Quarry Tile Flooring	0622200				24	1.05

Electric Power Source - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Generator, Gasoline Powered	1281100	35.70	1	35.70		
Generator, Diesel	1281200	35.67	2	35.67		
Steel Louvers With Frame, 1st Floor	0433310	5.77	3	5.77		
Circuit Breaker, Fixed >600 V	11223C0	2.99	4	2.99		
Transformer, Liquid Filled, Above 600 V	1114100	2.82	5	2.82		
Roll Roofing	0311340	2.59	6	2.59		

Electric Power SubStations - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Transformer, Liquid Filled, Above 600 V	1114100	48.24	1	48.24		
Circuit Breaker, Fixed > 600 V, 3P	11223C0	9.29	2	9.29		
Steel Louvers with Frame, 1st Floor	0433310	6.95	3	6.95		
Standard Suspended Heater	1273100	5.13	4	5.13		
Safety Switch, Fused 3P	1122430	4.40	5	4.40		
Builtup Roofing	0311100	2.69	6	2.69		
Stucco Exterior Wall, 1st Floor	0415C10	2.59	7	2.59		
Thermostats/Pneumatics	09E1110	2.36	8	2.36		
Distribution, Gutters, Pipe	0822100	2.03	9	2.03		

Heat Source - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roll Roofing	0311340	13.28			1	13.87
Motor Starter, 0-600 V	1123600	5.69			2	5.94
Pneumatic Coal Spreader	0981510	5.37			3	5.61
Feedwater Supply	0981910	4.63			4	4.84
Deaerator	0981A10	4.33			5	4.52
Valve, Non-Drain 4"-6"	0814500	3.41			6	3.57
Metal Floor Grating	0626200	3.20			7	3.35
Fluorescent Lighting Fixture	1131300	2.94	9	2.01	8	2.98
Pressure Sensor	09E1160	2.81			9	2.94
Plaster Wall Finish	0611100	2.00			10	2.07
Pressure Reducer Valve, 2"	09842A0	1.76			11	1.84
Switchgear, Indoor, Below 600 V	1117100	1.66			12	1.74
Battery, Secondary Wet	1283300	1.42	1	33.22		
Quarry Tile Flooring	0622200	1.40			13	1.46
Metal Roofing	0311360	1.39			14	1.45
Contactors and Relays	1124000	1.39			15	1.45
Ceramic Tile Wall Finish	0612800	1.31	13	1.49	17	1.30
Stucco Exterior Wall, 2nd Floor	0415C20	1.28	5	5.68	24	1.08
Plaster Ceiling	0631100	1.25			16	1.30
Valve, Non-Drain 2"-3"	0814400	1.22			18	1.28
Thermostats/Pneumatics	09E1110	1.14			19	1.19
Concrete, Finished Interior Wall	061A200	1.12			20	1.17
Water Softener	0841300	1.09			21	1.14
Circulation Pump, <1 H.P.	0984410	1.06			22	1.10
Concrete, Unfinished Flooring	062B100	1.05			23	1.09

Heat Source - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Clay Block (Painted) Interior Wall	0612200	1.03			25	1.07
Aluminum Louvers In Frame, 1st Floor	0433210		2	13.51		
Stucco Interior Wall Finish	0611400		3	11.17		
Transformer, Dry, Below 15,000 V	1116200		4	5.68		
Stucco Exterior Wall, 1st Floor	0415C10		6	2.39		
Gate Valve, 2"-3"	0984220		7	2.37		
Drain Valve	0984280		8	2.37		
Safety Switch, Fused, 3P	1122430		10	1.97		
Lightning Protection System, Ground Rod	1143510		11	1.70		
Switchgear, Indoor, 0-600 V	1115100		12	1.60		
Concrete, Finished Flooring	062B200		15	1.18		
Circulation Pump, 5 H.P.	0984420				26	1.01

Heat Transmission//Distribution Lines - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Valve, HW, Non-Drain 4"-6"	0814500	11.43			1	11.43
Feedwater Supply	0981910	10.60			2	10.60
Roll Roofing	0311340	7.03			3	7.03
Circulation Pump, 5 H.P.	0984420	6.19			4	6.19
Motor Starter, 0-600 V	1123600	5.34			5	5.34
Pressure Sensor	09E1160	5.22			6	5.22
Plaster Wall Finish	0611100	5.19			7	5.19
Thermostats/Pneumatics	09E1110	4.66			8	4.66
Pressure Reducer Valve 2"	09842A0	4.20			9	4.20
Water Softener	0841300	3.76			10	3.76
Steam Converter, <300,000	0941100	3.53			11	3.53
Circulation Pump, < 1 H.P.	0984410	3.02			12	3.02
Stucco Exterior Wall, 1st Floor	0415C10	2.26			13	2.26
Valve, HW, Non-Drain 2"-3"	0814400	1.84			14	1.84
Ceramic Tile Wall Finish	0612800	1.68			15	1.68
Fluorescent Lighting Fixture	1131300	1.54			16	1.54
Shingles	0311350	1.46			17	1.46
Valve, CW, Non-Drain 4"- 6"	0813500	1.07			18	1.07
Stucco Exterior Wall, 2nd Floor	0415C20	1.02			19	1.02
Drain Valve	0984280	1.01			20	1.01

Water Supply - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Roll Roofing	0311340	17.35			1	17.35
Stucco Exterior Wall, 1st Floor	0415C10	15.69			2	15.69
Stucco Interior Wall Finish	0611400	12.42			3	12.42
Concrete, Finished Interior Wall	061A200	10.07			4	10.07
Steel (Painted) Exterior Door	0421210	7.18			5	7.18
Plaster Wall Finish	0611100	4.90			6	4.90
Concrete, Sealed, PIP Flat Panel Roofing	0311420	4.75			7	4.75
Steel (Unpainted) Metal Exterior Door	0421310	4.17			8	4.17
Steel Frame (Painted) Fixed Window, 1st Floor	0432210	3.67			9	3.67
Fluorescent Lighting Fixture	1131300	3.59			10	3.59
Glass Block (Operable) Window, 1st Floor	0431510	3.00			11	3.00

Water Distribution System - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Transformer, Liquid Filled, Above 600 V	1114100	12.94	1	14.79		
Roll Roofing	0311340	12.36	2	10.77	2	23.47
Concrete, Finished Interior Wall	061A200	7.19	3	8.22		
Wood Shutter with Frame, 1st Floor	0433410	6.42			1	51.22
Metal Roofing	0311360	5.57	4	6.37		
Baseboard Heaters	1271000	4.34	5	4.96		
Aluminum Louver in Frame, 1st Floor	0433210	3.55	6	4.06		
Stucco Exterior Wall, 1st Floor	0415C10	3.35	12	2.79	3	7.23
Stucco Interior Wall	0611400	3.22	7	3.68		
Steel (Painted) Metal Exterior Door	0421210	2.85	9	2.99		
Stucco Exterior Wall, 3rd + Floor	0415C30	2.81	8	3.22		
Stucco Exterior Wall, 2nd Floor	0415C20	2.70	10	2.82		
Overhead Service Feeder	1112000	2.45	11	2.80		
Switchgear, Indoor, Below 600 V	1117100	2.32	13	2.66		
Safety Switch, Enclosed	1122100	1.95	14	2.23		
Contactors and Relays	1124000	1.88	15	2.15		
Fluorescent Lighting Fixture	1131300	1.69	16	1.94		
Pressure Sensor	09E1160	1.21	17	1.39		
Radiant Suspended Heater, Commercial	1272200	1.09	18	1.25		
Steel (Painted) Interior Door	0531110	1.06	19	1.22		
Rubber Tile Flooring	062A300	1.05	20	1.20		

Water Distribution System - Cost by Component						
Component Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Battery, Primary Dry	1283200		21	1.13		

APPENDIX L: Percentage of Maintenance Cost by High-Cost Tasks for All Buildings

ORDERED YEARLY SUMMARY TASK REPORT

INSTALLATION: GERMANY
F4C CODE : 0000000

12-04-90

120 YEARS SUMMARY

CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0000000	TOTAL DOLLAR AMOUNT FOR YEARS	1165136000.	
0811R06	REPLACE SHOWER - SHOWER CERAMIC TILE	63521990.	5.45
0611104	REFINISH PLASTER WALL FINISH	46654520.	4.00
0311347	TOTAL ROOF REPLACEMENT - ROLL ROOFING	31422140.	2.70
1131303	REPLACE FLUORESCENT LIGHTING FIXTURE	30609370.	2.63
062A202	REPLACE VINYL ASBESTOS TILE FLOORING	29861070.	2.56
0612805	REPLACE TILE WALL FINISHS	26454600.	2.27
0311343	MINOR ROOFING REPAIR - ROLL ROOFING	24144770.	2.07
0311367	TOTAL METAL PANEL REPLACEMENT-METAL ROOF	24064230.	2.07
1117103	REPLACE SWITCHGEAR, INDOOR, BELOW 600 V	20754310.	1.78
0981A13	REPLACE DEAERATOR	20339210.	1.75
0415C34	REFINISH STUCCO EXT.WALL 3RD + FLOORS	18415950.	1.58
0415C24	REFINISH STUCCO EXT. WALL 2ND FLOOR	18264450.	1.57
0631104	REFINISH PLASTER CEILING FINISH	17369630.	1.49
0629102	REPLACE CARPET	16375440.	1.41
0533112	REPAIR HOLLOW CORE PAINTED INTERIOR DOOR	16121160.	1.38
0611102	REPAIR PLASTER WALL FINISHES	15598120.	1.34
1131301	MAINT & REPAIR FLUORESCENT LIGHT FIXTURE	13741410.	1.18
0415C14	REFINISH STUCCO EXT. WALL 1ST FLOOR	13739980.	1.18
0311357	REMOVAL AND REPLACEMENT OF SHINGLED ROOF	11684560.	1.00
0611404	REFINISH STUCCO INTERIOR WALL FINISH	11410020.	.98
1116203	REPLACE TRANSFORMER, DRY BELOW 15,000 V	10675160.	.92
061A202	REPAIR FINISHED CONCRETE WALL FINISH	10471900.	.90
0943301	REPLACE FIN RADIATOR, WALL 10 FT	10238910.	.88
1123602	PREV MAINT & INSP MOTOR STARTER,0-600 V	9916612.	.85
061A204	REFINISH FINISHED CONCRETE WALL FINISH	9513082.	.82
0311353	MINOR REPAIRS - SHINGLED ROOF	9247921.	.79
0622102	REPLACE CERAMIC TILE FLOOR	8316392.	.71
0943101	REPLACE CAST IRON RADIATOR 10 SECT	8063560.	.69
0311356	REPLACE NEW OVER EXISTING-SHINGLED RFG.	7677848.	.66
09842A1	REPLACE PRESSURE REDUCER VALVE 2"	7422585.	.64
0533115	REPLACE HOLLOW CORE PNTD.INTERIOR DOOR	7334602.	.63
0431324	REFINISH WOOD FRAME(PNTD)EXT.WDW.2ND FL.	6747027.	.58
0533212	REPAIR SOLID CORE WOOD PAINT. INT.DOOR	6604874.	.57
1127202	REPLACE RECEPTACLE AND PLUG	6529193.	.56
0822102	REPLACE PIPE OR GUTTER	6192345.	.53
0811R05	UNSTOP - SHOWER CERAMIC TILE	6111153.	.52
1283401	PREV MAINT BATTERY SECONDARY DRY	5996086.	.51
0431334	REFINISH WOOD FRM(PNTD)EXT.WDW.3RD+FL.	5928696.	.51
0631102	REPAIR PLASTER CEILING FINISH	5904795.	.51
0311355	FLASHING REPAIRS - SHINGLED ROOF	5875157.	.50
0981A12	PREVENTIVE MAINTENANCE - DEAERATOR	5830538.	.50
0612802	REPAIR TILE WALL FINISH	5728818.	.49
0431834	REFINISH WOOD FRAME(DBL)EXT.WDW.3RD+FLS.	5727165.	.49
0533114	REFINISH HOLLOW CORE PAINTED INTER. DOOR	5209741.	.45
0572705	REPLACE RUBBER INTERIOR STAIR STEPS	5195742.	.45
1127201	MAINT & REPAIR RECEPTACLE AND PLUG	5191516.	.45
0635205	REPLACE WOOD(UNFINISHED)CEILING FINISH	5084356.	.44
0811R03	REPLACE FAUCETS-SHOWER CERAMIC TILE	4855616.	.42
0611103	REFINISH REPAIRED PLASTER WALL FINISH	4713928.	.40
09E1161	PREVENT MAINT PRESSURE SENSOR	4668112.	.40
0434414	REFINISH METAL WINDOW GRATING 1ST FLOOR	4488186.	.39
0531112	REPAIR STEEL PAINTED INTERIOR DOOR	4343768.	.37
0628202	REFINISH CONCRETE FLOOR	4212073.	.36
09E1111	PREVENTIVE MAINTENANCE	4197403.	.36
0628102	REPLACE UNFINISHED CONCRETE FLOOR	4107045.	.35
1123601	MAINT & REPAIR MOTOR STARTER, 0-600 V	4099836.	.35
0533215	REPLACE SOLID CORE PAINT.INTERIOR DOOR	4009474.	.34
1127102	REPLACE WIRING DEVICE, SWITCH	3926592.	.34
0432234	REFINISH STEEL FRAME FIX.EXT.WDW.3RD+FL.	3899658.	.33
0622202	REPLACE QUARRY TILE FLOOR	3890585.	.33
1283101	PREV MAINT BATTERY, PRIMARY WET	3885676.	.33
0311345	FLASHING REPAIRS - ROLL ROOFING	3833382.	.33
0311351	DEBRIS REMOV.BY HAND & VIS.INSP.-SHINGLE	3774724.	.32
1124001	MAINT & REPAIR CONTACTORS AND RELAYS	3755494.	.32
0984413	REPLACE CIRCULATOR PUMP, < 1HP	3642186.	.31
0628203	REPLACE FINISHED CONCRETE FLOOR	3618469.	.31

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12-04-90

120 YEARS SUMMARY

CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
1127101	MAINT & REPAIR WIRING DEVICE, SWITCH	3575846.	.31
0431824	REFINISH WOOD FRAME(DBL)EXT.WDW.2ND FL.	3565245.	.31
0533214	REFINISH SOLID CORE PAINT.INTERIOR DOOR	3557784.	.31
1281203	REPLACE DIESEL GENERATOR COMPONENT	3530334.	.30
0811H07	REPLACE FOUNTAIN	3408213.	.29
1115103	REPLACE SWITCHGEAR, INDOOR, 0-600 V	3370372.	.29
0616304	REFINISH STEEL INT.FINISH(PNTD)WALL FIN.	3195941.	.27
0814402	INSTALL NEW VALVE, NON DRAIN 2"-3"	3025714.	.26
0311337	TOTAL ROOF REPLACEMENT - TILE ROOF	2950220.	.25
0811R04	RESEAL-SHOWER CERAMIC TILE	2925791.	.25
0822101	GENERAL MAINT & REPAIR-GUTTERS OR PIPE	2924741.	.25
0625103	REPLACE WOOD PARQUETRY FLOOR	2818973.	.24
062A102	REPLACE LINOLEUM FLOOR	2787537.	.24
063A204	REFINISH (FINISHED)CONCRETE CEILING FIN.	2785714.	.24
0431315	REPLACE WOOD FRM(PNTD)EXT.WDW.1ST FL.	2780383.	.24
0636104	REFINISH ALUMINIUM PANEL CEILING FINISH	2748864.	.24
0311341	DEBRIS REMOV.BY HAND & VIS.INSP.-ROLL RF	2715951.	.23
1114103	REPLACE TRANSFORMER, LIQUID FILLED AB600	2713821.	.23
1122102	PREV MAINT & INSP SAFETY SWITCH, ENCLOSD	2671062.	.23
0631304	REFINISH SHEETROCK(UNSTIPPLED)CEILG.FIN.	2524476.	.22
0616404	REFINISH WIRE MESH WALL FINISH	2428635.	.21
0415C32	REPAIR STUCCO EXTERIOR WALL -3RD+ FLOORS	2425917.	.21
1143511	MAINTENANCE AND REPAIR-LIGHTNING GRD.ROD	2407768.	.21
0812201	CLEAN DRAIN - FLOOR, WITHOUT BUCKET	2377586.	.20
1131302	REPLACE LAMPS (2),FLUORESCENT LIGHT FIX	2363220.	.20
0415C22	REPAIR STUCCO EXTERIOR WALL - 2ND FLOOR	2297821.	.20
09A1012	PREV MAINT - UNIT HEATER 400 CFM	2285430.	.20
0311334	MINOR REPLACEMENT - TILE ROOF	2281693.	.20
1221203	REPLACE SMOKE DETECTOR	2244985.	.19
0981912	PREV MAINT - FEED WATER SUPPLY PUMP	2221842.	.19
0612204	REFINISH CLAY BLOCK (PAINTED)WALL FINISH	2216981.	.19
1123603	REPLACE MOTOR STARTER, 0-600 V	2216550.	.19
1283301	PREV MAINT BATTERY SECONDARY WET	2154848.	.18
1124003	REPLACE CONTACTORS AND RELAYS	2152872.	.18
1117101	MAINT & REPAIR SWITCHGEAR,INDR BL 600 V	2135207.	.18
0626202	REPLACE METAL FLOOR GRATING	2073899.	.18
1131103	REPLACE INCANDESCENT LIGHTING FIXTURE	2072132.	.18
062A302	REPLACE RUBBER TILE FLOORING	2009274.	.17
0415C33	REFIN.REPAIRED STUCCO EXT.WALL 3RD+ FLS.	1992751.	.17
0432314	REFINISH WOOD FRAME FIX.EXT.WDW.1ST FLR.	1987068.	.17
0431314	REFINISH WOOD FRAME(PNTD)EXT.WDW.1ST FL.	1982130.	.17
0431325	REPLACE WOOD FRAME(PNTD)EXT.WDW.2ND FL.	1978601.	.17
0432315	REPLACE WOOD FRAME FIX.EXT.WDW.1ST FLOOR	1958739.	.17
0814302	INSTALL NEW VALVE-NON DRAIN 3/8"-1 1/2"	1957084.	.17
1122432	PREV MAINT SAFETY SWITCH FUSED 3P	1935066.	.17
0311323	REPAIR - CEMENT ASBESTOS ROOF	1929887.	.17
09C1112	PREV MAINT CLEANING - EXHAUST FAN 200CFM	1921479.	.16
0628101	MINOR REPAIRS TO CONCRETE FLOOR	1914290.	.16
0432324	REFINISH WOOD FRAME FIX.EXT.WDW.2ND FLR.	1913238.	.16
0811103	REPLACE TWAKLESS WATER CLOSET	1905574.	.16
0841302	CHK OPERATION & ADD SALT-WATER SOFTENER	1893070.	.16
09A1022	PREV MAINT - UNIT HEATER 1200 CFM	1868352.	.16
0811F06	REPLACE SINK - STAINLESS STEEL	1866380.	.16
062A402	REPLACE VINYL SHEET FLOORING	1841979.	.16
0612502	REPAIR CLAY BRICK WALL FINISH	1831357.	.16
0811F04	UNSTOP - STAINLESS STEEL SINK	1822197.	.16
0631103	REFINISH REPAIRED PLASTER CEILING FINISH	1819674.	.16
0635105	REPLACE WOOD(FINISHED)CEILING FINISH	1798602.	.15
0415C23	REFIN.REPAIRED STUCCO EXT.WALL 2ND FLOOR	1785835.	.15
0612404	REFINISH CONCRETE BLOCK(PAINTD)WALL FIN.	1780066.	.15
0311365	FLASHING REPLACEMENT - METAL ROOF	1779924.	.15
0811102	UNPLUG CLOGGED LINE-TANKLESS WATER CLOST	1777475.	.15
0942101	REPLACE RADIATOR VALVE - 1"	1776921.	.15
0814502	INSTALL NEW VALVE, NON DRAIN 4"-6"	1775768.	.15
1281303	REPLACE GENERATOR COMPONENT, VAPOR GAS	1773045.	.15
1281103	REPLACE GENERATOR COMPONENT, GASOLINE	1766857.	.15
0433134	REFINISH WOOD LOUVER IN FRAME 3RD FLOOR	1705607.	.15
1131613	REPLACE SODIUM FIXTURE, H.P. 250 WATT	1701897.	.15

INSTALLATION: GERMANY
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12-04-90

120 YEARS SUMMARY

CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0431234	REFINISH STEEL FRM(PNTD)EXT.WDW. 3RD+FL.	1695083.	.15
0811302	UNPLUG LINE - URINAL	1694562.	.15
0531114	REFINISH STEEL PAINTED INTERIOR DOOR	1691106.	.15
0421212	REPAIR STEEL (PAINTED) EXTERIOR DOORS	1660205.	.14
0611304	REFINISH SHEETROCK(UNSTPLD)WALL FINISH	1656005.	.14
063A202	REPAIR (FINISHED) CONCRETE CEILING FIN.	1655005.	.14
0981H01	REPLACE WALL RADIATOR, FINNED 10' SEC	1653760.	.14
0628201	MINOR REPAIRS TO FINISHED CONCRETE FLOOR	1652766.	.14
1124002	PREV MAINT CONTACTORS AND RELAYS	1642157.	.14
0433512	REPAIR ALUMINUM SHUTTER (FRAMED) 1ST FL.	1635377.	.14
0432224	REFIN.STEEL FRAME FIX.EXT.WDW.2ND FLOOR	1627320.	.14
1221202	CHECK OPERATION, SMOKE DETECTOR	1623757.	.14
09E1112	REPLACE PNEUMATIC THERMOSTAT	1613062.	.14
0311107	MEMBRANE REMOVAL & REPLACEMT.BUILTUP RF.	1603510.	.14
0811505	CLEAN OUT STRAINER AND P TRAP-VITR CHINA	1583057.	.14
0811506	REPLACE LAVATORY - VITREOUS CHINA	1570601.	.13
0811F03	REPLACE FAUCETS - STAINLESS STEEL SINK	1570301.	.13
0981911	REPAIR FEED WATER SUPPLY PUMP	1555807.	.13
0811R02	REPL FAUCET WASHER-SHWR CERAMIC TILE	1543783.	.13
1131101	MAINT &REPAIR INCANDESCENT LIGHT FIXTURE	1541585.	.13
0831113	REPLACE COMPRESSOR - 1 H.P.	1519296.	.13
0434514	REFINISH METAL MESH WINDOW COVER 1ST FL.	1512434.	.13
09C1113	REPLACE UNIT - EXHAUST FAN 200 CFM	1489726.	.13
0311342	NON-DESTSRUCT.MOISTURE INSPECT-ROLL RFG.	1473590.	.13
062C002	REPLACE TERRAZZO FLOOR	1467224.	.13
0811504	REPLACE FAUCETS-VITREOUS CHINA LAVATORY	1466582.	.13
0311354	MINOR REPLACEMENT - SHINGLED ROOF	1437799.	.12
0311377	TOTAL ROOF REPLACE.-RIGID FIBERGLAS ROOF	1428173.	.12
1283201	PREV MAINT BATTERY, PRIMARY DRY	1411138.	.12
0635202	REPAIR WOOD (UNFINISHED) CEILING FINISH	1375672.	.12
0311101	DEBRIS REMOVAL-HAND & VIS.INSPECT.-BLTUP	1374803.	.12
0311106	PLACE NEW MEMBRANE OVER EXSTG.BUILTUP RF	1374003.	.12
0984222	REPLACE GATE VALVE, 2"-3"	1372738.	.12
0311335	FLASHING REPAIR - TILE ROOF	1297585.	.11
0984281	M/R, REPACK DRAIN VALVE GLAND	1292484.	.11
0431224	REFINISH STEEL FRAME(PNTD)EXT.WDW.2ND FL	1291789.	.11
0431335	REPLACE WOOD FRM(PNTD)EXT.WDW.3RD+FLS.	1291601.	.11
0415A14	REFINISH CONCRETE EXT.WALL 1ST FLOOR	1275773.	.11
0441104	REFINISH CONCRETE DECKING EXTERIOR PORCH	1274512.	.11
0431835	REPLACE WOOD FRAME(DBL)EXT.WDW.3RD+FLS.	1262346.	.11
0981913	REPLACE FEED WATER SUPPLY PUMP	1249645.	.11
0814501	REPACK GLAND -VALVE NON DRAIN 4-6"	1238476.	.11
0431215	REPLACE STEEL FRM.(PNTD)EXT.WDW. 1ST FL.	1154393.	.10
0534232	REPIAR WOOD LOUVER INTERIOR DOOR	1147969.	.10
0811101	REPACK GLAND-SPIGOT	1138693.	.10
0813302	INSTALL NEW VALVE- NON-DRAIN 3/8"-1 1/2"	1134456.	.10
0631404	REFINISH STUCCO INTERIOR CEILING FINISH	1114398.	.10
0431814	REFINISH WOOD FRAME(DBL)EXT.WDW.1ST FL.	1092208.	.09
0811303	REPLACE URINAL	1082914.	.09
0636105	REPLACE ALUMINIUM PANEL CEILING FINISH	1068162.	.09
0531122	REPAIR STEEL (SAFETY GLS)PNT. INT. DOOR'	1063483.	.09
0311333	REPAIR - TILE ROOFING	1058728.	.09
1131611	MAINT & REPAIR H.P. 250 W	1055683.	.09
0431825	REPLACE WOOD FRAME(DBL)EXT.WDW.2ND FL.	1037759.	.09
0635104	REFINISH WOOD(FINISHED)CEILING FINISH	1023353.	.09
0632205	REPLACE ACCUSTIC TILE(DROPPED)CEILG.FIN.	1022527.	.09
0415C12	REPAIR STUCCO EXTERIOR WALL - 1ST FLOOR	1016905.	.09
0619204	REFINISH ACOUSTICAL TILE WALL FINISH	1001854.	.09
0841102	REPLACE UNIT - DISHWASHER	999734.	.09
0311361	DEBRIS REMOV.BY HAND+VIS.INSP.-METAL RFG	993235.	.09
0311331	DEBRIS REMOV.BY HAND & VISUAL INSP.-TILE	984367.	.08
0311317	TOTAL ROOF REPLACEMENT - SLATE ROOF	983721.	.08
0982113	REPL FAN-FORCE DRAFT FAN 10,000 CFM	980906.	.08
1283402	REPLACE BATTERY, SECONDARY DRY	979002.	.08
1131423	REPLACE FIXTURE,HID,METAL HALID FIXT250W	975092.	.08
0311313	REPAIRS - SLATE ROOF	957865.	.08
09E1313	REPLACE SIMPLEX AIR COMPRESSOR, 1 HP	955643.	.08
0531115	REPLACE STEEL PAINTED INTERIOR DOOR	939427.	.08

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0311325	FLASHING REPAIR - CEMENT ASBESTOS	925215.	.08
0625102	SAND AND REFINISH PARQUETRY FLOOR	922299.	.08
0811H01	CHECK/MINOR REPAIRS - DRINKING FOUNTAIN	914093.	.08
0433212	REPAIR ALUM LOUVER IN FRAME 1ST FLOOR	913114.	.08
0814A03	REPLACE 1/6HP PUMP/MOTOR ASSEMBLY - HOT	908468.	.08
0431815	REPLACE WOOD FRAME(DBL)EXT.WDW. 1ST FL.	902881.	.08
0941103	REPLACE STEAM CONVERTOR <300,000	892369.	.08
0814301	REPACK GLAND-VALVE,NON-DRAIN 3/8"-1 1/2"	890543.	.08
0614505	REPLACE WALLPAPER WALL FINISH	862522.	.07
0311103	MINOR MEMBRANE REPAIRS - BUILT UP ROOF	860693.	.07
0432325	REPLACE WOOD FRAME FIX.EXT.WDW.2ND FLOOR	853272.	.07
0984283	REPLACE/ REPLACE DRAIN VALVE	832984.	.07
09A1D23	REPLACE UNIT HEATER - 1200 CFM	832355.	.07
0611204	REFINISH SHEETROCK(STIPPLED)WALL FINISH	827691.	.07
0311105	FLASHING REPAIRS - BUILTUP ROOF	821951.	.07
0811R01	INSP/CLEAN SHWER HEAD-SHWR CERAMIC TILE	803898.	.07
0434424	REFINISH METAL WINDOW GRATING 2ND FLOOR	800116.	.07
0415A24	REFINISH CONCRETE EXT.WALL 2ND FLOOR	792242.	.07
061A102	REPAIR UNFINISHED CONCRETE WALL FINISH	791827.	.07
0431214	REFINISH STEEL FRM.(PAINT)EXT.WDW.1ST FL	787099.	.07
0811201	UNPLUG CLOGGED LINE-FLUSH TANK WTR CLOST	786766.	.07
0811F05	REPAIR STRAINER - STAINLESS STEEL SINK	784452.	.07
0311327	TOTAL ROOF REPLACEMENT - CEMENT ASBESTOS	783296.	.07
0982112	PREVENT MAINT-FORCE DRAFT FAN 10000 CFM	781006.	.07
0625203	REPLACE MAPLE FLOOR	762805.	.07
1116103	REPLACE TRANSFORMER,LIQUID BELOW 600 V	759948.	.07
0984211	REPACK GATE VALVE GLAND, 3/8" - 1 1/2"	754752.	.06
1114101	REPAIR TRANSFORMER, LIQUID FILLED AB 600	747504.	.06
0311321	DEBRIS REMOV.BY HAND+VIS.INSP.-CEMT ASB.	728981.	.06
0984291	REPLACE RADIATOR VALVE 1"	728796.	.06
0981F01	REPLACE RADIATOR, CAST IRON 10' SEC	727080.	.06
0533122	REPAIR HOLLOW CORE SLIDING PNT.INTER.DR.	724505.	.06
0415E34	REFIN WOOD FIN(SINGLE COAT)EXT.3RD FL.	712667.	.06
09A1D13	REPLACE UNIT HEATER - 400 CFM	706670.	.06
1131422	REPLACE LAMP,HID,METAL HALID FIXTURE,250	699501.	.06
0812301	CLEAN OUT BUCKET - FLOOR DRAIN	698445.	.06
0433314	REFINISH STEEL LOUVER (FRAMED) 1ST FLR.	693934.	.06
09A1C14	REPLACE SINGLE ZONE DRAW-THRU - 6500 CFM	692716.	.06
0415E24	REFIN.WOOD FINISH(SINGLE COAT) 2ND FLR.	689047.	.06
09E1162	REPLACE PRESSURE SENSOR	687082.	.06
0982123	REPLACE IND DRAFT FAN 10,000 CFM	682593.	.06
0941101	REPAIR STEAM CONVERTOR, <300,000	675901.	.06
0533116	REFIN.REPLCD.HOLLOW CORE WOOD INTER.DOOR	665237.	.06
1122372	PREV MAINT&INSP CIRC BKR FIXED , 599V 1P	665029.	.06
0812203	REPLACE FLOOR DRAIN- WITHOUT BUCKET	663811.	.06
0814J03	REPLACE HOT WATER HEATER ELEC 1000 GAL	659976.	.06
0432334	REFINISH WOOD FRAME FIX.EXT.WDW.3RD+FLS.	655161.	.06
1131612	REPLACE LAMP, SODIUM FIXT H.P. 250 WATT	653319.	.06
0421214	REFINISH STEEL (PAINTED) EXTERIOR DOOR	653023.	.06
0433132	REPAIR WOOD LOUVER IN FRAME 3RD FLOOR	640877.	.06
0415N32	REPAIR PLATE GLASS EXT.3RD+ FL	636880.	.05
1131503	REPLACE EMERGENCY LIGHTING FIXTURE	635955.	.05
0431615	REPLACE ALUMINIUM(DOUBLE)EXT.WDW.1ST FL.	631126.	.05
0814B03	REPLACE 1/2HP PUMP/MOTOR ASSEMBLY - HOT	630736.	.05
0814603	INSTALL NEW VALVE, DRAIN	610363.	.05
0415E14	REFINISH WOOD FIN. (SINGLE COAT) 1ST FL.	609363.	.05
0991F13	REPLACE FAN COIL UNIT-REFRIG FAN COIL 1T	608355.	.05
0433312	REPAIR STEEL LOUVER (FRAMED) 1ST FLOOR	608077.	.05
0571204	REFINISH METAL RAILING - INTERIOR STAIR	608054.	.05
0811H04	REPLACE FREON - DRINKING FOUNTAIN	606899.	.05
0441102	REPAIR CONCRETE DECKING EXTERIOR PORCH	604460.	.05
0311362	NON-DESTRUCT.MOISTURE INSPECT.-METAL RFG	602192.	.05
0433514	REFINISH ALUMINUM SHUTTER (FRM) 1ST FLR.	593750.	.05
0984212	REPLACE GATE VALVE, 3/8" - 1 1/2"	589924.	.05
0311332	NON-DESTRUCTIVE MOISTURE INSPECT.- TILE	587666.	.05
0813402	INSTALL NEW VALVE - NON-DRAIN 2"-3"	586093.	.05
1116201	MAINT &REPAIR TRANSFORMER, DRY BL 15000V	582534.	.05
0811205	REPLACE FLUSH TANK WATER CLOSET	578798.	.05

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0431635	REPLACE ALUMINUM(DOUBLE)EXT.WDW.3RD+FLS.	577099.	.05
0421222	REPAIR STEEL (SAFTY GLAS)PAINTED EXT	572434.	.05
0941301	REPLACE STEAM REGUL. VALVE-2"	559908.	.05
1143112	REPLACE LIGHTNING PROTECT.WIRING	552534.	.05
0431321	BRKN.GLS:RPLMNT.WOOD FRM(PNT)EXT.2ND FL.	550987.	.05
0984423	REPLACE CIRCULATION PUMP 5 HP	544148.	.05
0813301	REPACK GLAND-VALVE,NON-DRAIN 3/8"-1 1/2"	538744.	.05
0431326	REFIN.RPLCD.WOOD FRM(PNT)EXT.WDW.2ND FL.	536942.	.05
1112003	REPLACE SERVICE CABLE-OVERHEAD SERV FEED	534533.	.05
0431311	BR.GLS:RPLMT.WOOD FRM(PNT)EXT.WDW.1ST FL	533898.	.05
0614105	REPLACE FORMICA WALL FINISH	533853.	.05
09C1122	PREV MAINT - EXHAUST FAN 1000 CFM	520901.	.04
0814103	REPLACE HOT WATER HEATER ELEC 300 GAL	519387.	.04
0533232	REPAIR SOLID CORE (SAFETY)PAINT.INT.DOOR	516321.	.04
09A1C12	PREV MAINT ANNUAL-SINGLE Z DRAW THRU6500	511944.	.04
1221603	REPLACE FIRE ALARM CONT PANEL	511660.	.04
0433214	REFINISH ALUM LOUVER IN FRAME 1ST FLOOR	506631.	.04
0982122	PREVENT MAINT IND FAN 10,000 CFM	506579.	.04
0625202	SAND AND REFINISH MAPLE FLOOR	505722.	.04
0635102	REPAIR WOOD (FINISHED) CEILING FINISH	503660.	.04
0615104	REFINISH PLYWOOD(PAINTED)WALL FINISH	503348.	.04
0612202	REPAIR CLAY BLOCK (PAINTED) WALL FINISH	500477.	.04
0415134	REFINISH ALUMINUM SIDING EXT.FIN.3RD.FL.	500154.	.04
0433234	REFINISH ALUMINUM LOUVER (FRMD) 3RD FLR.	498844.	.04
0431831	BRKN.GLS:RPLMNT.WOOD FRM(DBL)EXT.3RD+FL.	492208.	.04
1122433	REPLACE SAFETY SWITCH FUSED 3P	490373.	.04
0415L14	REFIN. STEEL(PAINTED)EXT. 1ST FL.	488755.	.04
0431625	REPLACE ALUMINUM(DOUBLE)EXT.WDW.2ND FL.	488294.	.04
0433124	REFINISH WOOD LOUVER IN FRAME 2ND FLOOR	487150.	.04
0534222	REPAIR STEEL LOUVER INTERIOR DOOR	484942.	.04
0813601	REPACK GLAND - DRAIN VALVE	473598.	.04
0632202	REPAIR ACOUSTIC TILE(DROPPD)CEILING FIN.	472217.	.04
0431336	REFIN.REPLCD.WOOD FRM(PNT)EXT.WDW.3RD+FL	471965.	.04
0811502	REPLACE WASHER IN FAUCET-VITR CHINA L	469890.	.04
0841101	GENERAL MAINTENANCE & REPAIR-DISHWASHER	467552.	.04
09A1514	REPLACE VARIABLE VOLUME UNIT - 6500 CFM	467179.	.04
0814H03	REPLACE HOT WATER HEATER ELEC 120 GAL	465508.	.04
0811F01	REPLACE FAUCET WASHER-STAINLESS STL SINK	464285.	.04
0991423	REPLACE HERMETIC CHILLER - 50 TONS	457869.	.04
0431836	REFIN.REPLC.WOOD FRM(DBL)EXT.WDW.3RD+FL.	455973.	.04
09C1111	REPLACE FAN AND MOTOR - 200 CFM	450534.	.04
0636102	REPAIR ALUMINIUM PANEL CEILING FINISH	449832.	.04
0521105	REPLACE STEEL INT. PARTITIONS	448993.	.04
1117102	PREV MAINT &INSEP SWITCHGEAR,INDR BL600V	448457.	.04
0532212	REPAIR WOOD FULL-GLS.FRAMED INTER. DOOR	446593.	.04
0814601	REPACK GLAND - VALVE DRAIN	441047.	.04
0532112	REPAIR ALUM.FULL-GLASS FRM.INTER.DOOR	437324.	.04
0311322	NON-DESTRUCT.MOISTURE INSPECT.-CEMT ASB.	435201.	.04
1131621	MAINT &REPAIR,MID,METAL HALID FIXT,250 W	435151.	.04
0415232	REPAIR CLAY BRICK EXTERIOR WALL-3RD+ FL.	434832.	.04
0415222	REPAIR CLAY BRICK EXTERIOR WALL-2ND FL.	431735.	.04
062A201	MINOR REPAIRS TO VINYL ASB.TILE FLOORING	425978.	.04
0611402	REPAIR STUCCO INTERIOR WALL FINISH	425714.	.04
0533235	REPLACE SOLID CORE(SAFETY)PNT.INT. DOOR	425604.	.04
0432235	REPLACE STEEL FRAME FIX.EXT.WDW.3RD+FLS.	424302.	.04
0811102	REPL OLD VALVE WITH NEW,PARTIAL-SPIGOT	421518.	.04
0614805	REPLACE CARPETED INTERIOR WALL FINISH	420666.	.04
0984282	REPLACE DRAIN VALVE STEM ASSEMBLY	418112.	.04
1143111	MAINTENANCE & REPAIR LIGHTNG.PROT.WIRING	416795.	.04
0831123	REPLACE VACUUM PUMP	415869.	.04
0531124	REFINISH STEEL (SAFETY GLS) PNT.INT.DOOR	415413.	.04
0811A06	REPLACE SHOWER - ENAMELED STEEL	410867.	.04
0811E04	UNSTOP - ENAMELED STEEL SINK	405540.	.03
0415F24	REFN. WOOD FIN.(MULT.COAT)EXT. 2ND FLR.	404542.	.03
0311364	MINOR REPLACEMENT - METAL ROOF	403770.	.03
0811101	REPLACE FLUSH VALVE-TANKLESS WATER CLOST	402126.	.03
0431331	BRKN GLS:RPLMNT.WOOD FRM(PNT)EXT.3RD+FL.	397300.	.03
0422112	REPAIR ALUMINIUM EXTERIOR DOORS	396034.	.03

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09A1C13	PREV MAINT REPL FLTRS-SINGLE Z DRAW 6500	395788.	.03
09C1123	REPLACE ROOF MOUNTED EXHAUST FAN-1000CFM	393777.	.03
0415A12	REPAIR CONCRETE EXT. WALL 1ST FLOOR	393681.	.03
0431631	BRKN.GLS:REPLMNT.ALUM.(DBL)EXT.3RD+FLS.	392678.	.03
0814C03	REPLACE STEAM CONVERTOR-DOMESTIC HOT WTR	392380.	.03
0434824	REFINISH WOOD FRAME SCREEN COVER 2ND FL.	390598.	.03
0831112	REPAIR COMPRESSOR - 1 H.P.	386825.	.03
0434614	REFINISH ALUMINUM FRAME SCREEN 1ST FLOOR	385915.	.03
0432834	REFIN.WOOD FRM(DBL)FIX.EXT.WDW.3RD+FLS.	381682.	.03
0415212	REPAIR CLAY BRICK EXTERIOR WALL -1ST FL.	380787.	.03
0415A34	REFINISH CONCRETE EXT.WALL 3RD+ FLRS.	380527.	.03
0415C13	REFIN. REPAIRED STUCCO EXT.WALL 1ST FL.	379876.	.03
0811F02	CLEAN TRAP - STAINLESS STEEL SINK	379219.	.03
0311352	NON-DESTRUCTIVE MOISTURE INSP. - SHINGLE	378567.	.03
0534235	REPLACE WOOD LOUVER INTERIOR DOOR	378119.	.03
0434412	REPAIR METAL WINDOW GRATINGS 1ST FLOOR	377831.	.03
0631302	REPAIR SHEETROCK(UNSTIPPLED)CEILING FIN.	377314.	.03
09A1714	REPLACE 2 PIPE INDUCTION UNIT - 6500 CFM	375590.	.03
09A1114	REPLACE MULTI-ZONE UNIT 6500 CFM	375024.	.03
0431821	BRKN.GLS:RPLMNT.WOOD FRM(DBL)EXT.2ND FL.	373132.	.03
09A1C34	REPLACE SINGLE ZONE DRAW THRU - 25000CFM	368746.	.03
0434834	REFINISH WOOD FRAME SCREEN COVER 3RD FL.	368444.	.03
0991422	PREV MAINT - HERMETIC CHILLER 50 TONS	365970.	.03
1221201	M/R REPAIR SMOKE DETECTOR	365277.	.03
0814M01	CLEAN & SCRAPE HOT WTR STORAGE TANK, DHW	361325.	.03
0433515	REPLACE ALUMINUM SHUTTER (FRAMED)1ST FL.	360379.	.03
09A1124	REPLACE MULTI-ZONE UNIT 10000 CFM	356668.	.03
0991A13	REPLACE CHILLER 2 STAGE ABSORBER 300 TON	355843.	.03
0415914	REFIN.PNTD.CONCR.BLOCK EXT.WALL 1ST FL.	354803.	.03
1221102	REPLACE MANUAL PULL STATION	353467.	.03
0811301	REPLACE FEESH VALVE - URINAL	351689.	.03
0421232	REPAIR STEEL SLIDING PAINTED EXT DOOR	351617.	.03
0431225	REPLACE STEEL FRM(PNTD)EXT. WDW. 2ND FL.	350404.	.03
0311373	MINOR REPAIRS - RIGID FIBERGLASS ROOF	348962.	.03
0533216	REFINI.REPLCD.SOLID CORE PAINT.INT. DOOR	348422.	.03
0431611	BRKN.GLS:RPLMNT.ALUM.(DBL)EXT.1ST FL.	346045.	.03
0432532	REPAIR GLASS BLOCK FIX.EXT.WDW.3RD+FLRS.	341557.	.03
0811E03	REPLACE FAUCETS - ENAMELED STEEL SINK	340886.	.03
0631204	REFINISH SHEETROCK(STIPPLED)CEILING FIN.	339168.	.03
0415124	REFINISH ALUMINUM SIDING EXT.FIN.2ND FL.	338645.	.03
1115101	REPAIR SWITCHGEAR, INDOOR, 0-600 V	338640.	.03
11223C1	REPR FAILED CIRC BREAKER FIXD > 600V 3P	337578.	.03
0434634	REFINISH ALUMINUM FRAME SCREEN 3RD FLOOR	331934.	.03
0533125	REPLACE HOLLOW CORE SLIDING PNT.INT.DOOR	331679.	.03
0433334	REFINISH STEEL LOUVER (FRAMED) 3RD FLOOR	330972.	.03
0431935	RPLC.PLAST(WD.CR)FRM.DBL.EXT.WDW.3RD+FL.	328296.	.03
0415X24	REFINISH FIBRGLAS PANELS RIGID 2ND FLOOR	327823.	.03
0434814	REFINISH WOOD FRAME SCREEN COVER 1ST FL.	327305.	.03
0431211	BROKEN GLASS:REPLMNT.STEEL FRM.1ST FL.	326668.	.03
0433232	REPAIR ALUMINUM LOUVER (FRAMED) 3RD FLR.	325933.	.03
0432231	BRKN.GLS:RPLMT.STEEL FRM.FIX.EXT.3RD+FL.	325098.	.03
0844111	REPAIR OPEN HEAD-SPRINKLER HEAD	322918.	.03
0431235	REPLACE STEEL FRM(PNTD)EXT.WDW. 3RD+FL.	322535.	.03
0811203	REPL WORN PARTS IN FLUSH TANK WATER CLOS	322223.	.03
0991421	REPAIR HERMETIC CHILLER - 50 TONS	321302.	.03
0981314	PREV MAINT WKLY TOUR-OIL BOILER 250 BTU	317645.	.03
0431621	BRKN.GLS:RPLMNT.ALUM.(DBL)EXT.2ND FL.	316039.	.03
1131102	REPLACE LAMP, INCANDESCENT LIGHT FIXTURE	314763.	.03
0625101	MINOR REPAIRS TO WOOD PARQUETRY FLOOR	313814.	.03
0531125	REPLACE STEEL (W/SAFETY GLS)PNT.INT.DOOR	313426.	.03
0431915	RPLC.PLAST(WD.CR)FRM.DBL.EXT.WDW.1ST FL.	313152.	.03
0432522	REPAIR GLASS BLOCK FIX.EXT.WDW.2ND FLOOR	311730.	.03
1122103	REPLACE SAFETY SWITCH, ENCLOSED	308676.	.03
0311374	MINOR REPLACE - RIGID FIBERGLASS ROOFING	308449.	.03
1122371	MAINT & REPR CIRC BREAKER FIXED < 599V 1	307996.	.03
0984411	REPAIR CIRCULATION PUMP, < 1HP	303581.	.03
0434624	REFINISH ALUMINUM FRAME SCREEN 2ND FLOOR	301220.	.03
0432515	REPLACE GLASS BLOCK FIX.EXT.WDW.1ST FLR.	300796.	.03

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0814602	REPLACE VALVE STEM ASSEMBLY	300369.	.03
0813501	REPACK GLAND- VALVE, NON-DRAIN 4"-6"	300267.	.03
0433215	REPLACE ALUM LOUVER IN FRAME 1ST FLOOR	294804.	.03
0811H03	CORRECT WATER PRESSURE-DRINKING FOUNTAIN	291044.	.02
09A1C24	REPLACE SINGLE ZONE DRAW-THRU - 10000CFM	290992.	.02
1113101	REPAIR SWITCHGEAR-MAIN PROTECT EQUIPMENT	288993.	.02
0311363	MINOR REPAIRS - METAL ROOF	288235.	.02
09C2101	REPLACE METAL FLUE	284114.	.02
0431826	REFIN.REPLC.WOOD FRM(DBL)EXT.WDW.2ND FL.	283897.	.02
0572802	MINOR REPAIRS TO TERAZZO INT.STAIR STEPS	281988.	.02
0434434	REFINISH METAL WINDOW GRATING 3RD FLOOR	281800.	.02
0814401	REPACK GLAND - VALVE, NON DRAIN 2"-3"	281443.	.02
0991F12	PREVENT MAINT- REFRIG FAN COIL 1T	280525.	.02
0632102	REPAIR ACOUSTIC TILE CEILING FINISH	279258.	.02
0811A05	UNSTOP - ENAMELED STEEL SHOWER	278954.	.02
0432214	REFINISH STEEL FRAME(PNT)EXT.WDW.1ST FL.	274874.	.02
0422212	REPAIR WOOD FRAME EXTERIOR DOORS	273723.	.02
09E1311	REPAIR COMP. SIMPLEX AIR COMP., 1 HP	273347.	.02
0984412	PREV MAINT ON CIRCULATOR PUMP, < 1HP	273010.	.02
0415H34	REFN. WOOD SHAKE(FINISH)EXT.3RD FLR.	272926.	.02
1215003	REPLACE DOOR BELL	272867.	.02
0811A03	REPLACE FAUCETS - ENAMELED STEEL	272603.	.02
09C1163	REPLACE ROOF MOUNTED EXHAUST FAN-5000CFM	269422.	.02
0534414	REFINISH METAL MESH PAINT.INTERIOR DOOR	269135.	.02
0431811	BRKN.GLS:RPLMNT.WOOD FRM(DBL)EXT.1ST FL.	269121.	.02
062C001	MINOR REPAIRS TO TERRAZZO FLOOR	268677.	.02
0812303	REPLACE FLOOR DRAIN - WITH BUCKET	267001.	.02
0415X34	REFINISH FIBRGLAS PANELS RIGID 3RD FLOOR	266477.	.02
0813603	INSTALL NEW VALVE - DRAIN	266127.	.02
0415F34	REFN. WOOD FIN.(MULT.COAT)EXT.3RD FLR.	265965.	.02
0415H24	REFN. WOOD SHAKE(FINISH)EXT.2ND FL.	263814.	.02
0431715	REPLACE STEEL FRAME(DBL)EXT.WDW.1ST FL.	263802.	.02
0984372	PREVENTIVE MAINT ON STEAM TRAP, F&T < 1"	263207.	.02
0421224	REFIN STEEL(SAFTY GLAS) PAINTED EXT DR	262432.	.02
1215002	PREVENT MAINT AND INSPEC DOOR BELL	260621.	.02
0431515	REPLACE GLASS BLOCK EXT. WDW. 1ST FLOOR	259136.	.02
09A1214	REPLACE DUAL DUCT UNIT - 6500 CFM	258454.	.02
0433122	REPAIR WOOD LOUVER IN FRAME 2ND FLOOR	257653.	.02
0431925	RPLC.PLAST(WD.CR)FRM.DBL.EXT.WDW.2ND FL.	256383.	.02
0811805	REPAIR DIVERTER VALVE-ENAMEL ST BATH TUB	254891.	.02
063A102	REPAIR (UNFINISHED)CONCRETE CEILING FIN.	251834.	.02
1112001	REPAIR CABLE SPLICE-OVERHEAD SERV FEEDER	251818.	.02
0415U34	REFINISH EXTER. GYPSUM BRD. PNTD 3RD FL.	251516.	.02
0831133	REPLACE GAS COMPRESSOR > 1/2 HP	249607.	.02
0421215	REPLACE STEEL (PAINTED) EXTERIOR DOOR	246972.	.02
0432225	REPLC.STEEL FRAME FIX.EXT.WDW.2ND FLOOR	244252.	.02
0311324	MINOR REPLACEMENT - CEMENT ASBESTOS	240922.	.02
0433224	REFINISH ALUMINUM LOUVER(FRAMED) 2ND FL.	235921.	.02
0811E06	REPLACE SINK - ENAMELED STEEL	235044.	.02
0433324	REFINISH STEEL LOUVER (FRAMED) 2ND FLOOR	234452.	.02
0619205	REPLACE ACOUSTICAL TILE WALL FINISH	234188.	.02
0415L24	REFIN. STEEL (PNTD) EXT. FIN. 2ND FLR.	231307.	.02
1131623	REPLACE SODIUM FIXTURE, L.P. 200 WATT	228591.	.02
0431131	BROKEN GLASS:REPLCMT.ALUM.EXT.WDW.3RD+FL	228539.	.02
0611302	REPAIR SHEETROCK(UNSTIPPLED)WALL FINISH	228294.	.02
0637105	REPLACE PLATE GLASS(MOUNTED)CEILING FIN.	228207.	.02
0422115	REPLACE ALUMINIUM EXTERIOR DOORS	227689.	.02
1131703	REPLACE LIGHTING FIXTURE-EXIT LIGHTS	227137.	.02
0415B12	REPAIR STONE EXTERIOR WALL - 1ST FLOOR	226977.	.02
0532115	REPLACE ALUMIN. FULL-GLASS FRMD.INT.DOOR	226493.	.02
0431115	REPLACE ALUMINIUM EXTERIOR WND. 1ST FL.	225023.	.02
0432215	REPLACE STEEL FRAME(PNTD)EXT.WDW.1ST FL.	225010.	.02
0415A22	REPAIR CONCRETE EXT.WALL 2ND FLOOR	224309.	.02
0981513	PREV MAINT WEEKLY-BLR PNEUMAT CL SPREADR	222129.	.02
0433222	REPAIR ALUMINUM LOUVER(FRAMED) 2ND FLOOR	222027.	.02
0311102	MOISTURE INSPECTION OF ROOF BUILTUP	221917.	.02
0421122	REPAIR ALUM (SFTY GLS) PL&EXT DOOR	219857.	.02
0811807	REPLACE TUB - ENAMELED STEEL BATH TUB	218582.	.02

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0432335	REPLACE WOOD FRAME FIX.EXT.WDW.3RD+FLRS.	218452.	.02
0615604	REFINISH PANEL(LAMINATED)WALL FINISH	214782.	.02
0432311	BRKN.GLS:REPLMT.WOOD FRM.FIX.EXT.1ST FL.	211540.	.02
0984373	REPLACE STEAM TRAP, F&T < 1"	210518.	.02
0844113	REPLACE OPEN-HEAD SPRINKLER HEAD	210068.	.02
1131702	REPAIR LAMPS EXIT LIGHT	207879.	.02
1221602	PREVENT MAINT & INSP FIRE ALRM CONT PANL	207780.	.02
1283102	REPLACE BATTERY, PRIMARY WET	207607.	.02
0415924	REFIN.PNTD.CONCR. BLOCK EXT.WALL 2ND FL.	205445.	.02
0415U24	REFIN EXT GYP BRD - PAINTED 2ND FLOOR	204508.	.02
0434734	REFINISH STEEL FRAME SCREEN COVR.3RD FL.	204500.	.02
0636103	REFIN.REPRD.ALUMINIUM PANEL CEILING FIN.	203423.	.02
0415E15	REPLACE WOOD FIN(SINGLE.COAT)EXT.1ST FL.	200189.	.02
0433532	REPAIR ALUMINUM SHUTTER (FRAMED) 3RD FL.	200152.	.02
0813502	INSTALL NEW VALVE - NON-DRAIN 4"-6"	200127.	.02
0433522	REPAIR ALUMINUM SHUTTER (FRAME) 2ND FLR.	199420.	.02
0811803	REPLACE FAUCETS-ENAMEL STL BATH TUB	198556.	.02
0433135	REPLACE WOOD LOUVER IN FRAME 3RD FLOOR	197560.	.02
0814C01	REPAIR STEAM LEAK-STERM CONVERTOR,DOMEST	197177.	.02
0831111	CHECK AND ADJUST COMPRESSOR - 1H.P	196226.	.02
0432512	REPAIR GLASS BLOCK FIX.EXT.WDW.1ST FLOOR	194813.	.02
0415314	REFIN.PNTD CLAY BRICK EXT.WALL 1ST FL.	194452.	.02
0423215	REPLACE SOLID CORE (PAINTED) EXT. DOOR	193287.	.02
0431931	BRKN GLS:RPLMT.PLASTIC(WD.CR)EXT.3RD+FL.	192482.	.02
09A1C64	REPLACE SINGLE ZONE DRAW THRU 2500 CFM	191532.	.02
0615305	REPLACE TIMBER (FINISHED) WALL FINISH	190857.	.02
0981512	PREV MAINT DAILY-BLR PNEUMAT CL SPREADER	190602.	.02
1131701	REPAIR EXIT LIGHT	190110.	.02
1122101	MAINT & REPAIR SAFETY SWITHCH, ENCLOSED	189104.	.02
09A1C52	PREVENT MAINT SGL ZONE DRAW THRU 1000CFM	187903.	.02
0981813	REPLACE CHEMICAL FEEDER	187308.	.02
0572102	REPAIR CONCRETE STEPS - INTERIOR STAIR	186890.	.02
0811E05	REPAIR STRAINER - ENAMELED STEEL SINK	186775.	.02
0615504	REFINISH PANEL(SOLID)WALL FINISH	185791.	.02
0814L03	REPLACE HOT WATER HEATER, ELECT. 52 GAL	183966.	.02
11223C3	REPLACE CIRC BREAKER FIXED > 600V 3P	183722.	.02
0622402	REPLACE MARBLE FLOOR	182620.	.02
0984371	REPAIR STEAM TRAP, F&T < 1"	182230.	.02
1143512	REPLACE LIGHTNING GROUNDING ROD	182204.	.02
0432815	REPLCE.WOOD FRM(DBL)FIX.EXT.WDW.1ST FLR.	181847.	.02
0415F14	REFN. WOOD FIN.(MULT.COAT) EXT. 1ST FLR.	181146.	.02
0811806	UNSTOP - ENAMELED STEEL BATH TUB	181056.	.02
0612402	REPAIR CONCRETE BLOCK(PAINTED)WALL FIN.	180133.	.02
1221502	CHECK OPERATION HEAT DETECTOR	179513.	.02
0635103	REFIN.REPAIRD.WOOD(FINISHED)CEILING FIN.	178459.	.02
0632105	REPLACE ACOUSTIC TILE CEILING FINISH	178343.	.02
0432615	REPLACE ALUMINUM FIX(DBL)EXT.WDW.1ST FL.	177215.	.02
0434815	REPLACE WOOD FRAME SCREEN COVER 1ST FLR.	176552.	.02
0432935	RPLC.PLAST(WD.CR)DBL.FIX.EXT.WDW.3RD+FL.	175068.	.02
0433412	REPAIR WOOD SHUTTER (FRAMED) 1ST FLOOR	174376.	.01
0432635	REPLACE ALUMINUM FIX(DBL)EXT.WDW.3RD FL.	173993.	.01
0615704	REFINISH BOARD (FINISHED) WALL FINISH	172728.	.01
0626102	REPLACE STEEL DECK FLOORING	172116.	.01
0981516	REPLACE PNEUMATIC COAL SPREADER	170073.	.01
09A1C62	PREV MAINT SINGLE ZONE DRAW THRU 2500CFM	170033.	.01
0432221	BRKN.GLS:RPLMT.STEEL FRM.FIX.EXT.2ND FL.	169934.	.01
0811H02	REPAIR INTERNAL LEAKS-DRINKING FOUNTAIN	169366.	.01
0433534	REFINISH ALUMINUM SHUTTER (FRMD) 3RD FL.	168229.	.01
0841303	REPLACE WATER SOFTENER	166117.	.01
1119402	PREV MAINT & INSP RECTIFIER, UNDER 600 V	164029.	.01
0534225	REPLACE STEEL LOUVERED INTERIOR DOOR	162285.	.01
0619504	REFINISH FIBERGLAS PANEL INTER.WALL FIN.	161894.	.01
1283302	REPLACE BATTERY, SECONDARY WET	159368.	.01
0432316	REFIN.RPLC.WOOD FRM.FIX.EXT.WDW.1ST FLR.	158161.	.01
0431316	REFIN.RPLCD.WOOD FRM(PNTD)EXT.WDW.1ST FL	157757.	.01
1119401	MAINT & REPAIR RECTIFIER, UNDER 600 V	157353.	.01
0432236	REFIN.RPLC.STEEL FRM.FIX.EXT.WDW.3RD+FL.	156899.	.01
09A1D11	REPAIR UNIT HEATER - 400 CFM	156532.	.01

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1116102	PREV MAINT&INSP-TRANSFORMER,LIQUID BL600	155929.	.01
0811H06	UNSTOP DRAIN - DRINKING FOUNTAIN	155410.	.01
1261102	CHECK OPERATION - TIME CONTROL CLOCK	155347.	.01
0811H05	REPAIR DRAIN LEAK - DRINKING FOUNTAIN	155265.	.01
0611403	REFIN.REPRD.STUCCO INTERIOR WALL FINISH	154749.	.01
0615105	REPLACE PLYWOOD(PAINTED)WALL FINISH	154316.	.01
0415E25	REPLACE WOOD FIN(SINGLE COAT)EXT.2ND FL.	154142.	.01
09A1712	PREV MAINT ANNUAL-2PIPE INDUCT 6500 CFM	153925.	.01
0433414	REFINISH WOOD SHUTTER (FRAMED) 1ST FLOOR	152794.	.01
0432326	REFIN.RPLC.WOOD FRM.FIX.EXT.WDW.2ND FLR.	152269.	.01
0423212	REPAIR SOLID CORE (PAINTED) EXT.DOOR	151328.	.01
1221402	PREV MAINT & INSP ANNUNCIATION PANEL	150652.	.01
0629101	MINOR REPAIRS TO CARPET	149680.	.01
0431714	REFINISH STEEL FRAME(DBL)EXT.WDW.1ST FL.	149517.	.01
0432925	RPLC.PLAST(WD.CR)DBL.FIX.EXT.WDW.2ND FL.	147670.	.01
1221301	REPLACE FIRE ALARM BELL ,6"	147616.	.01
0462102	REPAIR CONCRETE STEPS EXTERIOR STAIR	147068.	.01
0631303	REFIN.REPRD.SHEETROCK(UNSTPLD)CEILG.FIN.	146965.	.01
0415I14	REFINISH ALUMINUM SIDING EXT.FIN.1ST FL.	146628.	.01
0415E35	REPLACE WOOD FIN(SINGLE COAT)EXT.3RD FL.	146576.	.01
09A1C22	PREV MAINT ANN-SINGLE Z DRAW THRU 10000	146006.	.01
1261103	REPLACE TIME CONTROL CLOCK	145463.	.01
1221403	REPLACE ANNUNCIATION PANEL	142600.	.01
0991F25	REPLACE FAN COIL-REFRIG FAN COIL 3T	142407.	.01
0431921	BRKN.GLS:RPLMT.PLASTIC(WD.CR)EXT.2ND FL.	141608.	.01
0614502	REPAIR WALLPAPER WALL FINISH	139607.	.01
09A1C54	REPLACE SINGLE ZONE DRAW THRU 1000 CFM	139569.	.01
1283202	REPLACE BATTERY, PRIMARY DRY	138763.	.01
0635106	REFIN.REPLCED.WOOD(FINISHED)CEILING FIN.	138659.	.01
0434825	REPLACE WOOD FRAME SCREEN COVER 2ND FLR.	138443.	.01
1113103	REPLACE SWITCHGEAR 1200 AMP	138042.	.01
0532111	BRKN.GLS.RPLMT:ALUM.FULL-GLASS INT.DOOR	137893.	.01
0431532	REPAIR GLASS BLOCK EXT. WDW. 3RD +FLOORS	137588.	.01
0813602	REPLACE VALVE STEM ASSEMBLY-DRAIN VALVE	137497.	.01
0432631	BRKN.GLS:REPLMT.ALUM.FIX(DBL)EXT.3RD+FL.	137299.	.01
0432525	REPLACE GLASS BLOCK FIX.EXT.WDW.2ND FLR.	136980.	.01
0811G06	REPLACE SINK AND FITTINGS-PLASTIC SINK	136772.	.01
0431911	BRKN.GLS:RPLMT.PLASTIC(WD.CR)EXT.1ST FL.	136500.	.01
1122431	MAINT AND REPAIR SAFETY SWITCH FUSED 3P	136369.	.01
0532211	BRK.GLS.RPLMT:WOOD FULL-GLS.FRM.INT.DOOR	135929.	.01
0432814	REFIN. WOOD FRM(DBL)FIX.EXT.WDW.1ST FLR.	135620.	.01
09A1C23	PREV MAINT REPL FLTRS-SINGLE Z DRAW10000	134866.	.01
0531121	BRKN.GLS.RPLMT:STEEL(SAFETY)PNT.INT.DOOR	134757.	.01
0431231	BR.GLS:REPLMNT.STEEL FRM(PNTD)EXT.3RD+FL	134714.	.01
0533222	REPAIR SOLID CORE SLIDING PNT.INT. DOOR	134115.	.01
1131621	MAINT & REPAIR,SODIUM FIXT L.P. 200 WATT	133716.	.01
0984464	REPLACE CONDENSATE RECEIVER, 10-15 GAL	133419.	.01
0426112	REPAIR ALUMINIUM (P/A) EXTERIOR DOORS	132938.	.01
0432915	RPLC.PLAST(WD.CR)DBL.FIX.EXT.WDW.1ST FL.	132663.	.01
0432824	REFIN.WOOD FRM(DBL)FIX.EXT.WDW.2ND FL.	132263.	.01
09A1534	REPLACE VARIABLE VOLUME UNIT - 25000 CFM	132189.	.01
0622302	REPLACE BRICK FLOORING	131866.	.01
0811A04	RESEAL - ENAMELED STEEL SHOWER	131790.	.01
0432321	BRKN.GLS:RPLMT.WOOD FRM.FIX.EXT.2ND FLR.	131112.	.01
0431221	BRKN.GLS:RPLMT.STL.FRM(PNTD)EXT. 2ND FL.	131109.	.01
0432625	REPLACE ALUMINUM FIX(DBL)EXT.WDW.2ND FL.	130697.	.01
09E1312	CHECK AND ADJUST-SIMPLEX AIR COMP., 1HP	130693.	.01
1127301	MAINT & REPAIR SWITCH, PULL CORD	130577.	.01
0434124	REFINISH ALUMINUM FRM.STORM WIND.2ND FL.	130004.	.01
0415F25	RPLC. WOOD FIN.(MULT.COAT) EXT. 2ND FLR.	129848.	.01
0615304	REFINISH TIMBER(FINISHED)WALL FINISH	129625.	.01
0611202	REPAIR SHEETROCK (STIPPLED) WALL FINISH	128352.	.01
09A1021	REPAIR UNIT HEATER - 1200 CFM	127839.	.01
0432835	REPLACE WOOD FRM(DBL)FIX.EXT.WDW.3RD+FL.	127790.	.01
0811J07	REPLACE BATHTUB, PLASTIC	127516.	.01
0614705	REPLACE FABRIC INTERIOR WALL FINISH	127168.	.01
0532215	REPLACE WOOD FULL-GLS.FRAMED INTER. DOOR	127113.	.01
0433612	REPAIR STEEL SHUTTER (FRAME) 1ST FLOOR	126577.	.01

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0831132	REPAIR GAS COMPRESSOR > 1/2 HP	126150.	.01
1273102	PREV MAINT INSP STANDARD SUSPEND HEATER	125833.	.01
09A1D32	PREVENT MAINT UNIT HEATER 4000 CFM	125678.	.01
0421225	REPLACE STEEL(SAFTY GLAS) PAINT EXT DR	125419.	.01
0814702	INSTALL NEW EXPANSION CHAMBER	125325.	.01
0534224	REFINISH STEEL LOUVER INTERIOR DOOR	124123.	.01
09E1211	PREVENT MAINT DAMPER CONTROLLER/ELECT	122496.	.01
0533124	REFINISH HOLLOW CORE SLIDING INTER. DOOR	121472.	.01
0433235	REPLACE ALUMINUM LOUVER (FRAMED)3RD FLR.	121114.	.01
1141002	REPLACE ELECTRICAL SERVICE GROUND	120485.	.01
09E1212	REPLACE DAMPER CONTROLLER/ELECT.	119758.	.01
0533234	REFINISH SOLID CORE(SAFETY)PAINT.INT.DR.	119552.	.01
0433524	REFINISH ALUMINUM SHUTTER (FRM) 2ND FL.	119156.	.01
0433322	REPAIR STEEL LOUVER (FRAME) 2ND FLOOR	118267.	.01
0431125	REPLACE ALUMINIUM EXTERIOR WNDW. 2ND FL.	117403.	.01
0432611	BRKN.GLS:RPLMT.ALUM.FIX(DBL)EXT.1ST FLR.	117354.	.01
0431312	REPAIR WOOD FRM.(PNT)OPER.WNDW.1ST FLR.	117050.	.01
09A1713	PREV MAINT REPL FLTRS-2PIPE INDUCT 6500	116339.	.01
0415334	REFIN. PNTD.CLAY BRICK EXT.WALL 3RD+FLS.	115700.	.01
0432211	BRKN.GLS:RPLMT.STEEL FRM(PND)EXT.1ST FL.	115455.	.01
09A1512	PREV MAINT ANNUAL-VAR VOLUME 6500 CFM	114182.	.01
0461204	REFINISH METAL RAILING EXTERIOR STAIRS	113699.	.01
0844112	INSPECT SPRINKLER SYST-SPRINKLER HEAD	113460.	.01
0811D04	UNSTOP - IRON ENAMEL SINK	113429.	.01
09A1C32	PREV MAINT ANN-SINGLE Z DRAW THRU 25000	113050.	.01
0433614	REFINISH STEEL SHUTTER (FRAME) 1ST FLOOR	112915.	.01
0811503	REPLACE SUPPORT RODS-VITREOUS CHINA L	112752.	.01
1271002	PREV MAINT & INSP BASEBOARD HEATERS	112474.	.01
0421125	REPLACE ALUM (SAFTY GLAS) PL & EXT DOOR	112409.	.01
09A1914	REPLACE 2 PIPE FAN COIL UNIT - 200 CFM	111647.	.01
1122392	PREV MAINT CIRC BREAKER FIXED < 599V 3P	111504.	.01
1116202	PREV MAINT &INSP TRANSFORMER,DRY BL15000	111424.	.01
0433332	REPAIR STEEL LOUVER (FRAMED) 3RD FLOOR	110366.	.01
0431711	BRKN.GLS:RPLMT.STEEL.FRM(DBL)EXT.1ST FL.	110344.	.01
0625201	MINOR REPAIRS TO MAPLE FLOOR	109940.	.01
1233002	REPLACE TV CABLE OUTLET	109470.	.01
0432535	REPLACE GLASS BLOCK FIX.EXT.WDW.3RD+FLS.	108976.	.01
0534325	REPLACE METAL WALK-IN COOLER INTER. DOOR	108345.	.01
09A1C63	REPL FILTER SINGL ZONE DRAW THRU 2500CFM	108177.	.01
0421235	REPLACE STEEL SLIDING PAINTED EXT DOOR	107887.	.01
0311411	DEBRIS REMOVE HAND&VIS INSP-CONC SEAL PN	107674.	.01
0814A02	INSP/CHK 1/6HP PUMP/MOTOR OPER, LUBR-HOT	107494.	.01
0981K11	REPAIR FLASH TANK	107198.	.01
09A1D33	REPLACE UNIT HEATER 4000 CFM	106361.	.01
0639404	REFINISH FIBERGLASS PANEL CEILING FINISH	106152.	.01
0811501	REPLACE WASHER IN SPUD CONNECTION-VIT CH	104915.	.01
0811D06	REPLACE SINK - IRON ENAMEL SINK	104797.	.01
0572702	MINOR REPAIRS TO RUBBER INT.STAIR STEPS	104541.	.01
0432511	BRKN.GLS:REPLMNT.GLASS BLOCK FIX.1ST FL.	104403.	.01
0612203	REFIN.REPAIR.CLAY BLOCK(PAINTD)WALL FIN.	103937.	.01
0981514	PREV MAINT MONTHLY-BLR PNEUMAT CL SPREAD	103286.	.01
0534234	REFINISH WOOD LOUVER INTERIOR DOOR	103189.	.01
0434835	REPLACE WOOD FRAME SCREEN COVER 3RD FLR.	103110.	.01
0811E01	REPLACE FAUCET WASHER-ENAMELED STL SINK	102946.	.01
1131502	REPLACE LAMP, EMERGENCY LIGHT FIXTURE	102107.	.01
0821101	GENERAL MAINT&REP-DRAIN,ROOF SCUPPER,ARE	101033.	.01
0991213	REPLACE A/C WINDOW - 1 TON	101001.	.01
0571104	REFINISH WOOD RAILING - INTERIOR STAIR	100823.	.01
0432621	BRKN.GLS:RPLMT.ALUM.FIX(DBL)EXT.1ST FLR.	100807.	.01
0431512	REPAIR GLASS BLOCK EXT.WDW. 1ST FL.	100268.	.01
0431322	REPAIR WOOD FRM.(PNT)OPER.WNDW. 2ND FLR.	99366.	.01
0811G04	UNSTOP - PLASTIC SINK	99152.	.01
0522105	REPLACE FABRIC INT. PARTITIONS	97720.	.01
0423214	REFINISH SOLID CORE (PAINTED) EXT. DOOR	97445.	.01
0991212	PREV MAINT - A/C WINDOW 1 TON	97366.	.01
1221101	M/R CHECK AND REPAIR MANUAL PULL STATION	97163.	.01
0571105	REPLACE WOOD RAILING - INTERIOR STAIR	97120.	.01
09A1C33	PREV MAINT REPL FLTRS-SINGLE Z DRAW25000	94630.	.01

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0811202	REPL WASHER IN BALL COCK-FLH TANK WTR CL	93490.	.01
0431435	REPLACE PLAS(WD.CORE)FRM.EXT.WDW.3RD+FL.	93425.	.01
0811D03	REPLACE FAUCETS - IRON ENAMEL SINK	93329.	.01
1272102	PREV MAINT&INSP WALL MOUNTD& RECESSD FAN	93231.	.01
09E1121	PREVENT MAINT HUMIDISTAT	92977.	.01
0434724	REFINISH STEEL FRAME SCREEN COVR.2ND FL.	92834.	.01
0572205	REPLACE WOOD STEPS - INTERIOR STAIR	92427.	.01
1131413	REPLACE FIXTURE,HID,MERCURY VAPOR 250 W	92270.	.01
0415A32	REPAIR CONCRETE EXT. WALL 3RD+ FLOOR	91979.	.01
09A1112	PREV MAINT ANNUAL-MULTI-ZONE 65000 CFM	91865.	.01
0415934	REFIN.PNTD.CONCR. BLOCK EXT.WALL 3RD+FL.	91667.	.01
0984221	REPACK GATE VALVE GLAND, 2"-3"	91336.	.01
0981811	REPAIR CHEMICAL FEED	90770.	.01
0814903	REPL 1 1/2HP PUMP/MOTOR ASSEMBLY-HOT	90572.	.01
0415T15	REPLACE ALUM CORR PANELS - FIRST FLOOR	90145.	.01
0634105	REPLACE PAPER CEILING FINISH	89565.	.01
0981415	REPLACE DUAL FIRED BOILER - 2000 BTU	89264.	.01
0415J35	REPLACE ALUMINUM SIDING(ANDZ)EXT.3RD FL.	88955.	.01
0431212	REPAIR STEEL FRM.(PNT)OPER.WNDW.1ST FLR.	88826.	.01
0415F35	RPLC. WOOD FIN.(MULT.COAT)EXT.3RD FLR.	88705.	.01
0426115	REPLACE ALUMINIUM (P/A) EXTERIOR DOORS	88521.	.01
1142001	MAINT & REPAIR BUILDING STRUCTURE GROUND	88196.	.01
0611303	REFIN.REPAIR.SHEETROCK(UNSTPLD)WALL FIN.	87249.	.01
1281202	PREV MAINT GENERATOR, DIESEL	87006.	.01
0431816	REFIN.REPLC.WOOD FRM(DBL)EXT.WDW.1ST FL.	86970.	.01
0431724	REFINISH STEEL FRAME(DBL)EXT.WDW.2ND FL.	86733.	.01
0434714	REFINISH STEEL FRAME SCREEN CVR.1ST FLR.	86657.	.01
09A1513	PREV MAINT REPL FLTRS-VAR VOL 6500 CFM	86656.	.01
0615102	REPAIR PLYWOOD(PAINTED)WALL FINISH	85843.	.01
0531132	REPAIR STEEL SLIDING PNTD. INTER. DOOR	85618.	.01
0811804	RESEAL - BATH TUB, ENAMELED STEEL	84599.	.01
0415F15	RPLC. WOOD FIN.(MULT.COAT) EXT. 1ST FLR.	83475.	.01
09A1944	REPLACE 2 PIPE FAN UNIT - 1200 CFM	83454.	.01
0442304	REFINISH STEEL (METAL)PNT.RAIL.EXT.PORCH	83359.	.01
0415J25	REPLACE ALUMINUM SIDING(ANDZ)EXT.2ND FL.	83172.	.01
0431135	REPLACE ALUMINIUM EXTERIOR WDW. 3RD+ FL.	82466.	.01
0612403	REFIN.REPAIRED.CONC.BLOCK(PNTD)WALL FIN.	82313.	.01
0311104	MINOR MEMBRANE REPLACEMENT - BUILTUP RF.	81941.	.01
0311437	TOTAL ROOF REPLACE - RIGID FIBERGLAS RF	81710.	.01
0415I32	REPAIR ALUMINUM SIDING EXT.3RD FL.	81269.	.01
0981812	PREVENTIVE MAINT - CHEMICAL FEED SYSTEM	80629.	.01
0814M02	REPLACE HOT WATER STORAGE TANK, DHW	80161.	.01
09A1E42	PREVENT MAINT HEAT PUMP 1T	80105.	.01
0431111	BROKEN GLASS:REPLACEMT.ALUM.WND.1ST FL.	80103.	.01
0811E02	CLEAN TRAP - ENAMELED STEEL SINK	80042.	.01
0431415	REPLC.PLASTIC(WD.CORE)FRM.EXT.WDW.1ST FL	79614.	.01
0981324	PREV MAINT WKLY TOUR-OIL BLR 2000 BTU	79411.	.01
0981414	PREV MAINT WKLY TR-DUAL FIRED BLR2000BTU	79411.	.01
0981L01	CLEAN AND SCRAPE-STORAGE TANK, DHW	79139.	.01
0311312	NON-DESTRUCTIVE MOISTURE INSPECT.-SLATE	78621.	.01
0433225	REPLACE ALUMINUM LOUVER(FRAMED) 2ND FLR.	78408.	.01
09A1913	PREV MAINT REPL FLTRS-2PIPE FAN COIL 200	77758.	.01
0981K13	REPLACE FLASH TANK	77590.	.01
1221503	REPLACE HEAT DETECTOR	77161.	.01
0634405	REPLACE FORMICA CEILING FINISH	77088.	.01
0434534	REFINISH METAL MESH WINDOW COVER 3RD FL.	76476.	.01
0812202	REPLACE STRAINER-FL DRAIN, WITHOUT BUCKT	76056.	.01
0813E01	REPACK GLAND-HOSE BIBB	75648.	.01
0415J15	REPLACE ALUMINUM SIDING(ANDZ)EXT.1ST FL.	75149.	.01
0991A12	PREV MAINT-CHILLER 2 STAGE ABSORBER 300T	74988.	.01
0421234	REFIN STEEL SLIDING PAINTED EXT DOOR	74802.	.01
09A1C53	REPL FILTER SGL ZONE DRAW THRU 1000 CFM	74796.	.01
0991812	PREV MAINT - AIR COOLED CONDENSER 5 TONS	74383.	.01
0981326	REPLACE OIL BOILER - 2000 BTU	74360.	.01
0431332	REPAIR WOOD FRM.(PNT)OPER.WNDW. 3RD+ FL.	74081.	.01
0415U14	REFIN EXT GYP BRD - PAINTED 1ST FLOOR	73714.	.01
0415I33	REFIN.REPRD.ALUMINUM SIDING EXT.3RD FL.	73650.	.01
09A1E43	REPLACE HEAT PUMP 1T THRU-WALL UNIT	72803.	.01

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0415T22	REPAIR ALUM CORR PANEL - 2ND FLOOR	72322.	.01
1273103	REPLACE STANDARD SUSPENDED HEATER	72239.	.01
0615103	REFIN.REPAIRED PLYWOOD(PAINTED)WALL FIN.	72196.	.01
0423225	REPLACE SOLID CORE SLIDING WOOD EXT DR	72076.	.01
0431522	REPAIR GLASS BLOCK EXT. WDW. 2ND FLOOR	71965.	.01
09A1524	REPLACE VARIABLE VOLUME UNIT - 10000 CFM	71767.	.01
0811605	CLEAN OUT STRAINER AND P TRAP-EN ST LA	71510.	.01
0433125	REPLACE WOOD LOUVER IN FRAME 2ND FLOOR	71506.	.01
0811G03	REPLACE FAUCETS - PLASTIC SINK	71486.	.01
1127302	REPLACE SWITCH, PULL CORD	71025.	.01
0811A02	REPLACE FAUCET WASHER - ENAMELED STEEL	70525.	.01
09A1113	PREV MAINT REPL FLTRS-MULTI ZONE 6500CFM	70522.	.01
0415H14	REFN. WOOD SHAKE(FINISH)EXT.1ST FL.	70405.	.01
0823103	REPL PUMP/MOTOR ASSEM, PARTIAL-SUMP PUMP	70236.	.01
1122451	REPLACE PLUG FUSE	70221.	.01
0981316	REPLACE OIL BOILER - 250 BTU	70108.	.01
0421221	REPL BRK GLAS-STEEL(SAFTY GLAS)PAINT EXT	69659.	.01
0551102	REPAIR CLAY BRICK CHIMNEY - FIREPLACES	69577.	.01
1115102	PREV MAINT &INSEP-SWITCHGEAR,INDOOR0-600	69355.	.01
0533225	REPLACE SOLID CORE SLIDING PNT.INT. DOOR	69174.	.01
0433136	REFIN REPLACD WD LOUVER IN FRAME 3RD FL	68612.	.01
0991442	PREVENT MAINT CHILLER-AIR COOL RECPT 5T	68359.	.01
0431236	REFN.RPLCD.STEEL FRM(PNTD)EXT.WDW.3RD+FL	68208.	.01
1215001	REPAIR DOOR BELL	68032.	.01
0432931	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.3RD+FL.	67872.	.01
0311375	FLASHING REPAIR -RIGID FIBERGLAS ROOF	67457.	.01
09A1122	PREV MAINT ANNUAL - MULTI-ZONE 10000 CFM	67307.	.01
0434114	REFINISH ALUMINUM FRM.STORM WIND.1ST FL.	67060.	.01
09A1912	PREV MAINT CLEAN COIL - 2PIPE FAN 200CFM	67050.	.01
0811604	REPLACE FAUCETS-ENAMELED STEEL LAVATORY	66953.	.01
1114102	PREV MAINT & INSP-TRANSFORMER, LIQUID F	66724.	.01
0531142	REPAIR STEEL (INSUL) PNTD. INTERIOR DOOR	66716.	.01
0431535	REPLACE GLASS BLOCK EXT. WDW. 3RD+FLOORS	66611.	.01
0415T25	REPLACE ALUM CORR PANEL - 2ND FLOOR	66544.	.01
1114203	REPLACE TRANSFORMER,DRY,AB 15000 V	65858.	.01
0432226	REFIN.RPLC.STEEL FRM.FIX.EXT.WDW.2ND FL.	65474.	.01
0415324	REFIN. PNTD. CLAY BRICK EXT.WALL 2ND FL.	65433.	.01
0431832	REPAIR WOOD FRM.(DBL)EXT. WNDW. 3RD+ FL.	65386.	.01
0534322	REPAIR METAL WALK-IN COOLER INTER. DOOR	65325.	.01
1261101	MAINT & REPAIR TIME CONTR. CLOCK	65103.	.01
0532214	REFINISH WOOD FULL-GLS.FRM.INTER.DOOR	64974.	.01
0423231	REPL BRK GLAS SOLID CORE(SAFTY GLAS)PNT	64481.	.01
1273101	MAINT REPAIR STANDARD SUSPENDED HEATER	64089.	.01
0531116	REFIN.REPLCD. STEEL PAINTED INTER. DOOR	63995.	.01
0981102	REPLACE EXPANSION TANK	63925.	.01
0814802	INSP/CHK 1/2HP PUMP/MOTOR OPER,LUBR- HOT	63867.	.01
0625302	REPLACE PLYWOOD FLOOR	63768.	.01
1131203	REPLACE QUARTZ LIGHTING FIXTURE	63590.	.01
0432232	REPAR.STEEL FRAME FIX.EXT.WDW.3RD+FLOORS	63586.	.01
0831131	CHECK AND ADJUST GAS COMPRESSOR >1/2 HP	63565.	.01
0432521	BRKN.GLS:REPLMT.GLASS BLOCK FIX.2ND FLR.	62752.	.01
0415A23	REFIN.REPAIRED CONCRETE EXT.WALL 2ND FL.	62135.	.01
0814L01	DRAIN & FLUSH-HOT WAT HEAT ELECT, 52 GAL	61862.	.01
0612904	REFINISH MASONITE INTERIOR WALL FINISH	61616.	.01
0991F11	REPAIR FAN COIL UNIT-REFRIG FAN COIL 1T	61426.	.01
09A1123	PREV MAINT REPL FLTRS - MULTI-ZONE 10000	60646.	.01
0431425	REPLC.PLAS.(WD.CORE)FRM.EXT.WDW.2ND FL.	60354.	.01
0415T32	REPAIR ALUMINUM CORR PANELS - 3RD FLOOR	59597.	.01
0423235	REPLACE SOLID CORE(SAFTY GLAS)PNTD EXT	59552.	.01
1243003	REPLACE LIGHT DIMMING PANEL	59262.	.01
0612302	REPAIR CONCRETE BLOCK WALL FINISH	59186.	.01
0432825	REPLACE WOOD FRM(DBL)FIX.EXT.WDW.2ND FL.	59167.	.01
0615405	REPLACE TIMBER(UNFINISHED)WALL FINISH	59030.	.01
0427302	REPAIR ALUM SINGLE ROLL-UP EXT DOOR	58944.	.01
09A1212	PREV MAINT ANNUAL - DUAL DUCT 6500 CFM	58088.	.00
09A1154	REPLACE MULTI ZONE UNIT-2500 CFM	57427.	.00
0432312	REPAIR WOOD FRAME FIX.EXT.WDW.1ST FLOOR	57410.	.00
0572605	REPLACE CARPETED STEPS INTERIOR STAIR	57388.	.00

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0431121	BROKEN GLASS:REPLCMT.ALUM.WND.EXT.2ND FL	57382.	.00
09A1924	REPLACE 2 PIPE FAN COIL UNIT - 400 CFM	56719.	.00
0941201	REPAIR FLASH TANK, 24 GALLON	56697.	.00
09C1162	PREVENT MAINT EXHAUST FAN 5000 CFM	56517.	.00
0984421	REPAIR CIRCULATION PUMP - 5HP	56275.	.00
0415X22	REPAIR FIBRGLAS PANELS RIGID 2ND FLOOR	56258.	.00
0432531	BRKN.GLS:REPLMNT.GLASS BLOCK FIX.3RD+FL.	55999.	.00
0615302	REPAIR TIMBER(FINISHED)WALL FINISH	55937.	.00
0415135	REPLACE ALUMINUM SIDING EXT.3RD FL	55349.	.00
0626201	MINOR REPAIRS TO METAL FLOOR GRATING	55000.	.00
09C1143	REPLACE EXHAUST FAN 25000 CFM	54888.	.00
1233001	MAINTENANCE AND REPAIR TV CABLE OUTLET	54642.	.00
0813401	REPACK GLAND-VALVE, NON-DRAIN 2"-3"	54377.	.00
0434615	REPLACE ALUMINUM FRAME SCREEN 1ST FLOOR	54324.	.00
0451102	REPAIR STONE CORNICE EXTERIOR ORNAMENT	54110.	.00
0432125	REPLACE ALUMINUM FIXED EXT.WDW.2ND FLOOR	53924.	.00
0415122	REPAIR ALUMINUM SIDING EXT.2ND FL.	53773.	.00
0431511	BRKN GLS:REPLMNT.GLASS BLOCK EXT.1ST FL.	53528.	.00
0631202	REPAIR SHEETROCK(STIPPLED)CEILING FINISH	53514.	.00
0991F33	REPLACE FAN UNIT-REFRIG FAN COIL 5T	53437.	.00
1112002	CABLE INSPECTION-OVERHEAD SERV FEEDER	53360.	.00
0415J32	REPAIR ALUMINUM SIDING(AND2)EXT.3RD FL.	53013.	.00
0432921	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.2ND FL.	52791.	.00
1281302	PREV MAINT GENERATOR, VAPOR GAS POWERED	52488.	.00
0811D05	REPAIR STRAINER - IRON ENAMEL SINK	52261.	.00
0432336	REFIN.RPLC.WOOD FRM.FIX.EXT.WDW.3RD+FLS.	52141.	.00
0415X23	REFIN &EPRD.FIBRGLAS PANEL RGD 2ND FLR.	52075.	.00
1122391	MAINT & REPR CIRC BREAKER FIXD < 599V 3P	51944.	.00
0431226	REFIN.RPLC.STEEL FRM(PNTD)EXT.WDW.2ND FL	51940.	.00
0991F22	PREVENT MAINT-REFRIG FAN COIL 3T	51307.	.00
0941203	REPLACE FLASH TANK, 24 GALLON	51072.	.00
0427404	REFINISH ALUM DOUBLE ROLL-UP EXT DOOR	50625.	.00
0431525	REPLACE GLASS BLOCK EXT. WDW. 2ND FLOOR	50395.	.00
0615106	REFIN.REPLACED PLYWOOD(PAINTED)WALL FIN.	50180.	.00
1131202	REPLACE LAMP, QUARTZ LIGHTING FIXTURE	49976.	.00
0534312	REPAIR STEEL VAULT INTERIOR DOOR	49917.	.00
0533231	BRKN.GLS.RPLMT:SOLID CORE(SAFETY)INT.DR.	49850.	.00
0311413	MINOR REPAIRS - CONC,SEALED PANEL ROOF	49687.	.00
0434122	REPAIR ALUMINUM FRM.STORM WINDOW 2ND FL.	49564.	.00
0431932	REPR.PLAST(WD.CR)FRM.DBL.EXT.WDW.3RD+FL.	49162.	.00
0572204	REFINISH WOOD STEPS - INTERIOR STAIR	49149.	.00
0427402	REPAIR ALUM DOUBLE ROLL-UP EXT DOOR	49120.	.00
0415E32	REPAIR WOOD FIN.(SINGLE COAT)EXT.3RD FL.	49087.	.00
0424322	REPAIR STEEL LOUVERED EXT DOOR	48893.	.00
0611203	REFIN.REPAIRED.SHEETROCK(STIPD)WALL FIN.	48456.	.00
09A1E11	REPAIR HEAT PUMP - 5 TONS	48369.	.00
0991312	PREV MAINT - A/C PAD MOUNT. 5 TONS	48317.	.00
0433535	REPLACE ALUMINUM SHUTTER (FRAMED)3RD FL.	47980.	.00
09A1213	PREV MAINT REPL FLTRS - DUAL DUCT 6500	47775.	.00
0991A11	REPAIR CHILLER 2 STAGE ABSORBER 300 TONS	47623.	.00
0433424	REFINISH WOOD SHUTTER (FRAMED) 2ND FLOOR	47559.	.00
09E1131	PREVENT MAINT WATER FLOW SENSOR	47381.	.00
0434826	REFIN.REPLCD.WOOD FRAME SCREEN 3RD FLOOR	47135.	.00
09C1133	REPLACE EXHAUST FAN 10000 CFM	47097.	.00
0415123	REFIN.REPRD.ALUMINUM SIDING EXT. 2ND FL.	46824.	.00
0616105	REPLACE ALUMINUM WALL FINISH	46732.	.00
0433525	REPLACE ALUMINUM SHUTTER (FRAME) 2ND FL.	46402.	.00
0415125	REPLACE ALUMINUM SIDING EXT.2ND FL	46378.	.00
0991B13	REPLACE AIR COOLED CONDENSER - 5 TONS	46367.	.00
0422215	REPLACE WOOD FRAME (PAINTED) EXT. DOOR	46341.	.00
0431632	REPAIR ALUMINUM(DOUBLE)EXT.WDW. 3RD+FLS.	46322.	.00
1131411	MAINT&REPAIR HID,MERCURY VAPOR F, 250 W	46212.	.00
0415T35	REPLACE ALUM CORR PANELS - 3RD FLOOR	46006.	.00
0431822	REPAIR WOOD FRM.(DBL)EXT. WNDW. 2ND FL.	45993.	.00
0434314	REFINISH WOOD FRAME STORM WINDOW 1ST FL.	45981.	.00
0434134	REFINISH ALUMINUM FRM.STORM WIND.3RD FL.	45970.	.00
0811802	REPLACE FAUCET WASHER-ENAMEL STL TUB	45865.	.00
0981315	PREV MAINT CLEAN BURNER-OIL BLR 250 BTU	45668.	.00

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0813203	REPLACE PIPE AND FITTINGS - COPPER	45629.	.00
0813802	INSTALL NEW WATER METER	45546.	.00
1221501	REPAIR HEAT DETECTOR	45539.	.00
1221601	MINOR REPAIRS TO FIRE ALARM CONT. PANEL	45479.	.00
09C1121	REPAIR EXHAUST FAN - 1000 CFM	45463.	.00
0415E22	REPAIR WOOD FIN.(SINGLE.COAT)EXT.2ND FL.	45409.	.00
0636106	REFIN.REPLCD.ALUMINIUM PANEL CEILG. FIN.	45255.	.00
1119403	REPLACE RECTIFIER, UNDER 600 V	44884.	.00
0432714	REFIN.STEEL FRM(DBL)FIX.EXT.WDW.1ST FLR.	44867.	.00
0991C23	REPLACE COOLING TOWER - 100 TONS	44765.	.00
0434422	REPAIR METAL WINDOW GRATING 2ND FLOOR	44407.	.00
0434836	REFIN.REPLCD.WOOD FRAME SCREEN 3RD FLOOR	44407.	.00
0415X32	REPAIR FIBRGLAS PANEL RIGID 3RD FLOOR	43595.	.00
1281102	PREV MAINT GENERATOR, GASOLINE POWERED	43503.	.00
0441304	REFINISH METAL DECKING EXTERIOR PORCH	43101.	.00
0615602	REPAIR PANEL(LAMINATED)WALL FINISH	43070.	.00
0614102	REPAIR FORMICA WALL FINISH	43036.	.00
09A1152	PREVENT MAINT-MULTI ZONE 2500 CFM	42851.	.00
0431431	BR.GLS:RPLMNT.PLAS(WD.CR)FRM.EXT.3RD FL.	42599.	.00
0423232	REPAIR SOLID CORE(SAFTY GLAS) PNT EXT DR	42466.	.00
0427702	REPAIR ALUM(SINGLE LEAF) SPRNG GARAGE DR	42183.	.00
0921101	REPLACE OIL STORAGE TANK, 275 GALLON	42087.	.00
0614802	REPAIR CARPETED INTERIOR WALL FINISH	41957.	.00
0553305	REPLACE PLASTER SURFACE - FIREPLACE	41646.	.00
0622101	MINOR REPAIRS TO CERAMIC TILE FLOOR	41631.	.00
0423222	REPAIR SOLID CORE SLIDING WOOD EXT DR	41616.	.00
0631402	REPAIR STUCCO INTERIOR CEILING FINISH	41425.	.00
0311314	MINOR TILE REPLACEMENT - SLATE ROOF	41310.	.00
0415X33	REFIN REPAIRED FIBRGLAS PNLS RIG 3RD FLR	41109.	.00
0432715	REPLCE.STEEL FRM(DBL)FIX.EXT.WDW.1ST FL.	41085.	.00
0617202	REPAIR PLATE GLASS WALL FINISH	40974.	.00
0531135	REPLACE STEEL SLIDING PAINT. INTER. DOOR	40933.	.00
062A101	MINOR REPAIRS TO LINOLEUM FLOOR	40859.	.00
0427104	REFINISH STEEL FRAME (PAINTED) EXT. DOOR	40852.	.00
1113102	PREV MAINT & INS-SWITCHGEAR,MAIN FRAME	40784.	.00
0634205	REPLACE PLASTIC CEILING FINISH	40775.	.00
0619505	REPLACE FIBERGLASS PANEL INT.WALL FINISH	40521.	.00
1271003	REPLACE BASEBOARD HEATER	40488.	.00
0821103	REPLACE DRAIN, ROOF SCUPPER, AREA	40410.	.00
0424114	REFINISH METAL GRATED PAINTED EXT DOOR	40295.	.00
0427102	REPR.STEEL FRM.SINGLE(PNTD) DR	40153.	.00
1131501	MAINT & REPAIR EMERGENCY LIGHTING FIXTUR	40136.	.00
0423224	REFIN SOLID CORE SLIDING WOOD EXT DR	40115.	.00
0434816	REFIN.REPLCD.WOOD FRAME SCREEN 1ST FLOOR	39497.	.00
0444104	REFINISH METAL COLUMN EXTERIOR PORCH	39332.	.00
0415L34	REFIN. STEEL(PAINTED)EXT. 3RD FL.	39321.	.00
0432724	REFIN.STEEL FRM(DBL)FIX.EXT.WDW.2ND FLR.	39215.	.00
0444102	REPAIR METAL COLUMN EXTERIOR PORCH	39188.	.00
0421112	REPAIR ALUMINIUM (P/A) EXTERIOR DOOR	39123.	.00
1122382	PREV MAINT & INSP CIR BRK FIXD < 599V 2P	39117.	.00
0981511	REPAIR BOILER PNEUMATIC COAL SPREADER	39093.	.00
0415E33	REFIN.REPAIR WOOD FIN(SGL.COAT)3RD FLR.	39022.	.00
0427405	REPLACE ALUM DOUBLE ROLL-UP EXT DOOR	39007.	.00
09C1132	PREVENTIVE MAINT. EXHAUST FAN 10000 CFM	38998.	.00
0311372	MOISTURE INSP. NON-DEST.-RIGID FIBERGLS	38891.	.00
0415J22	REPAIR ALUMINUM SIDING(ANDZ)EXT.2ND FL.	38830.	.00
0617102	REPAIR GLASS BLOCK WALL FINISH	38758.	.00
0811606	REPLACE LAVATORY - ENAMELED STEEL	38611.	.00
0432331	BRKN.GLS:RPLMT.WOOD FRM.FIX.EXT.3RD+FLS.	38478.	.00
0981311	REPAIR OIL BOILER - 250 BTU	38474.	.00
0415F22	REPR. WOOD FIN.(MULT.COAT) EXT. 2ND FLR.	38447.	.00
0434324	REFINISH WOOD FRAME STORM WINDOW 2ND FL.	38412.	.00
0422111	BROKEN GLASS:REPLACEMENT ALUMINUM EXT.DR	38388.	.00
0615502	REPAIR PANEL (SOLID) WALL FINISH	37828.	.00
0427204	REFN.STEEL FRM.DBL.(PND)EXT.DR	37788.	.00
0991313	REPLACE A/C PAD MOUNT 5 TONS	37585.	.00
0813E02	REPL OLD VALVE,PARTIAL- HOSE BIBB	37248.	.00
0432911	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.1ST FL.	36838.	.00

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
09A1923	PREV MAINT REPL FLTRS-2 PIPE FAN 400 CFM	36829.	.00
0811A01	INSPECT/CLEAN SHOWER HEAD - ENAMEL STEEL	36791.	.00
09A1813	REPLACE UNIT VENT - 400 CFM	36715.	.00
0431612	REPAIR ALUMINUM(DOUBLE)EXT.WDW.1ST FL.	36192.	.00
0415L13	REFIN.REPAIR.STEEL(PNTD)EXT.1ST FL.	36084.	.00
0991443	REPLACE CHILLER-CHILLER-AIR COOL RECP5T	35977.	.00
0831211	REPLACE RUBBER HOSE, COMPRESSED AIR	35225.	.00
0433422	REPAIR WOOD SHUUTER (FRAME) 2ND FLOOR	34936.	.00
0639304	REFINISH ASBESTOS-ACOUST.RTD.TILE FIN.	34787.	.00
09843A2	REPLACE INSULATION - AIR SEPARATOR	34497.	.00
1272101	MAINT &REPAIR WALL MOUNTD &RECESSD W FAN	34275.	.00
09A1E41	REPAIR HEAT PUMP 1T THRU-WALL UNIT	34082.	.00
0415U32	REPAIR EXT GYP BRD - PAINTED 3RD FLOOR	33942.	.00
0991413	REPLACE HERMETIC CHILLER - 20 TONS	33881.	.00
0431622	REPAIR ALUMINUM(DOUBLE)EXT.WDW.2ND FL.	33714.	.00
0431812	REPAIR WOOD FRM.(DBL)EXT. WNDW. 1ST FL.	33641.	.00
0431912	REPR.PLAST(WD.CR)FRM.DBL.EXT.WDW.1ST FL.	33617.	.00
0311421	DEBR REMVAL HAND&VIS INSP-CONC,SEAL PIP	33456.	.00
0431922	REPR.PLAST(WD.CR)FRM.DBL.EXT.WDW.2ND FL.	33431.	.00
0415E23	REFIN.REPAIR.WOOD FIN.(SGL.COAT) 2ND FL.	33383.	.00
09A1922	PREV MAINT CLEAN COIL-2PIPE FAN 400 CFM	33377.	.00
0432711	BRKN.GLS:RPLMT.STEEL FRM.FIX(DBL)1ST FL.	33300.	.00
0553304	REFINISH PLASTER SURFACE - FIREPLACE	33270.	.00
0425302	REPAIR WOOD EXT GATE (WALK & DRIVE)	33266.	.00
0572304	REFINISH METAL STEPS - INTERIOR STAIR	33165.	.00
1272103	REPLACE HEATER,WALL MOUNTD& RECESSD FAN	33144.	.00
0415312	REPAIR PNTD CLAY BRICK EXT.WALL 1ST FL.	32940.	.00
0991412	PREV MAINT - HERMETIC CHILLER 20 TONS	32720.	.00
0311414	MINOR REPLACE - CONC, SEALED PANEL ROOF	32660.	.00
09C1142	PREVENTIVE MAINT. EXHAUST FAN 25000 CFM	32645.	.00
0415E36	REFIN.REPLACED WOOD FIN(SGL.COAT)3RD FL.	32520.	.00
0639305	REPLC.ASBESTOS-ACOUST.FIRE RTD.TILE FIN.	32396.	.00
0415F26	REFN. RPLCD.WOOD FIN.(MULT.COAT)2ND FLR.	32332.	.00
0431232	REPAIR STEEL FRM.(PNT)OPER.WNDW.3RD+ FL.	32269.	.00
0981033	REPLACE OIL HOUSE FURNACE - 200 KBTU	32200.	.00
0434524	REFINISH METAL MESH WINDOW COVER 2ND FL.	32186.	.00
0636202	REPAIR METAL UNPAINTED CEILING FINISH	31990.	.00
0991C22	PREV MAINT - COOLING TOWER 100 TONS	31681.	.00
1221401	M/R MINOR REPAIRS TO ANNUNCIATION PANEL	31677.	.00
1272202	PREV MAINT&INSP RADIANT SUSPEND,COMMER	31620.	.00
0432222	REPR.STEEL FRAME FIX.EXT.WDW.2ND FLOOR	31568.	.00
0431216	REFIN.REPLCD.STEEL FRM.(PNTD)WDW.1ST FL.	31565.	.00
0423112	REPAIR HOLLOWCORE (PAINTED) EXT.DOOR	31400.	.00
0612A02	REPAIR GLAZED CMU. INTERIOR WALL FINISH	31186.	.00
0427704	REFIN ALUM(SGL LEAF) SPRING GARAGE DOOR	31153.	.00
0811M03	REPLACE EYE WASH STATION-EMERG EYE WASH	31097.	.00
1282201	MAINT & REPAIR MOTOR GENERATOR, BATTERY	31018.	.00
0991B11	REPAIR AIR COOLED CONDENSER 5 TONS	30937.	.00
0415A33	REFIN.REPAIRED CONCRETE EXT.WALL 3RD+FL.	30932.	.00
0984463	PREV MAINT ON CONDENSATE RCVR, 10-15 GAL	30907.	.00
0431222	REPAIR STEEL FRM.(PNT)OPER.WNDW.2ND FLR.	30828.	.00
0415E16	REFIN.REPLACED WOOD FIN(SGL.COAT)1ST FL.	30625.	.00
0532222	REPAIR WOOD FULL-GLS.FRM.SLIDING.INT.DR.	30621.	.00
0531212	REPAIR STEEL UNPAINTED INTERIOR DOOR	30564.	.00
0415E26	REFIN.REPLACE WOOD FIN(SGL. COAT)2ND FL.	30515.	.00
0814A01	OVERHAUL 1/6HP PUMP, REPL SEALS - HOT	30373.	.00
0415L23	REFIN.REPAIR.STEEL(PAINTD)EXT.2ND FL.	30355.	.00
0415N32	REPR. WOOD SHAKE(FINISH)EXT.3RD FL.	29919.	.00
0615705	REPLACE BOARD (FINISHED) WALL FINISH	29910.	.00
09A1943	PREV MAINT REPL FLTRS- 2PIPE FAN 1200CFM	29814.	.00
0814N01	DRAIN AND FLUSH HOT WATER HTR.ELEC 120 G	29427.	.00
0415N33	REFN. RPRD.WOOD SHAKE(FINISH)3RD FLR.	29411.	.00
0415T12	REPAIR ALUMINUM CORR PANELS-FIRST FLOOR	29333.	.00
0534212	REPAIR ALUMINUM LOUVERD INTERIOR DOOR	29293.	.00
0811G05	REPAIR STRAINER - PLASTIC SINK	29114.	.00
0432121	BRKN.GLS:REPLMT.ALUM.FIX.EXT.WDW.2ST FL.	29106.	.00
0427304	REFINISH ALUM SINGLE ROLL-UP EXT DOOR	28976.	.00
0811D01	REPLACE FAUCET WASHER -IRON ENAMEL SINK	28786.	.00

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0415F23	REFN. REPRD.WOOD FIN.(MULT.COAT)2ND FLR.	28774.	.00
0432322	REPAIR WOOD FRAME FIXED EXT.WDW.2ND FL.	28760.	.00
0415I15	REPLACE ALUMINUM SIDING EXT.1ST FL	28671.	.00
0434112	REPAIR ALUMINUM FRM. STORM WIND. 1ST FL.	28580.	.00
0427705	REPLACE ALUM (SGL LEAF) SRING GARAGE DR	28491.	.00
0415U33	REFIN REPAIRD EXT GYP BRD-PAINTED 3RD FL	28435.	.00
1119302	PREV MAINT & INSP INVERTER,SPECIAL EQUIP	28330.	.00
0311315	FLASHING REPAIRS - SLATE ROOF	28311.	.00
0415A13	REFIN.REPAIRED CONCRETE EXT.WALL 1ST FL.	28265.	.00
0415P22	REPAIR ASBESTOS EXT.WALL 2ND FL.	28175.	.00
1282102	PREV MAINT &INSP STATIC CHARGER,BATTERY	28141.	.00
0431725	REPLACE STEEL FRAME(DBL)EXT.WDW. 2ND FL.	27943.	.00
0629202	REPLACE CORK TILE FLOORING	27896.	.00
09A1812	PREV MAINT - UNIT VENT 400 CFM	27858.	.00
062A401	MINOR REPAIR VINYL SHEET FLOORING	27743.	.00
0432811	BRKN.GLS:REPLMT.WOOD FRM(DBL)FIX.1ST FL.	27700.	.00
0432831	BRKN.GLS:REPLMT.WOOD FRM(DBL)FIX.3RD+FL.	27647.	.00
0811J05	REPAIR DIVERTER VALVE-BATHTUB, PLASTIC	27637.	.00
0432115	REPLACE ALUMINUM FIX.EXT.WDW.1ST FLOOR	27632.	.00
0311415	FLASHING REPAIR - CONC, SEALED PANEL RF	27610.	.00
0425305	REPLACE WOOD EXT GATE (WALK & DRIVEWAY)	27491.	.00
0423234	REFIN SOLID CORE(SAFTY GLAS) PNT EXT DR	27366.	.00
0415F32	REPR. WOOD FIN.(MULT.COAT) EXT. 3RD FLR.	27248.	.00
0619202	REPAIR ACOUSTICAL TILE WALL FINISH	27059.	.00
09A1942	PREV MAINT CLEAN COIL- 2 PIPE FAN 1200	27020.	.00
09A1E12	PREV MAINT - HEAT PUMP 5 TONS	26702.	.00
0415H22	REPAIR WOOD SHAKE(FINISH)EXT.2ND FL.	26681.	.00
0813B03	REPLACE 1/6HP PUMP/MOTOR ASSEMBLY-COLD	26397.	.00
0984461	REPAIR CONDENSATE RECEIVER, 10-15 GALLON	26374.	.00
0941102	INSPECT FOR LEAKS STEAM CONVT <300,000	26211.	.00
0531144	REFINISH STEEL (INSUL CORE)PNTD.INT.DOOR	26204.	.00
09A1153	REPLACE FILTERS - MULTI-ZONE 2500 CFM	26118.	.00
0424324	REFINISH STEEL LOUVERED EXT DOOR	26095.	.00
1282202	PREV MAINT MOTOR GENERATOR, BATTERY	26007.	.00
0415X14	REFIN FIBRGLAS PANELS - RIGID 1ST FLOOR	25987.	.00
062D102	REPLACE BITUMINOUS FLOORING	25969.	.00
0434625	REPLACE ALUMINUM FRAME SCREEN 2ND FLOOR	25958.	.00
0831154	REPLACE COMPRESSED AIR DRYER	25866.	.00
0981D32	PREV MAINT - OIL HOUSE FURNACE 200 KBTU	25843.	.00
0415H23	REFN. RPRD.WOOD SHAKE(FINISH)EXT.2ND FL.	25796.	.00
0444204	REFINISH WOOD COLUMN EXTERIOR PORCH	25742.	.00
09A1E13	REPLACE HEAT PUMP - 5 TONS	25668.	.00
1119301	MAINT & REPAIR INVERTER, SPECIAL EUIP	25554.	.00
0991452	PREVNT MAINT CHLLER AIR COOL REC 10T	25533.	.00
0533224	REFINISH SOLID CORE SLIDING PNT.INT.DOOR	25465.	.00
0637102	REPAIR PLATE GLASS (MOUNTED)CEILING FIN.	25403.	.00
062A301	MINOR REPAIRS TO RUBBER TILE FLOOR	25370.	.00
0831121	OVERHAUL VACUUM PUMP	25284.	.00
0432836	RFN.RPLC.WOOD FRM(DBL)FIX.EXT.WDW.3RD+FL	25260.	.00
0811G01	REPLACE FAUCET WASHER - PLASTIC SINK	25179.	.00
0415F36	REFN. RPLCD.WOOD FIN.(MULT.COAT)3RD FLR.	25101.	.00
0421132	REPAIR ALUM SLIDING EXT DOOR	25024.	.00
0639405	REPLACE FIBERGLASS PANEL CEILING FINISH	24946.	.00
0433415	REPLACE WOOD SHUTTER (FRAMED) 1ST FLOOR	24898.	.00
0981D12	PREV MAINT - OIL HOUSE FURNACE 25 KBTU	24758.	.00
0432734	REFIN.STEEL FRM(DBL)FIX.EXT.WDW.3RD+FLS.	24611.	.00
0431421	BR.GLS:RPLMNT.PLAS.(WD.CR)FRM.EXT.2ND FL	24475.	.00
0422214	REFINISH WOOD FRAME (PAINTED) EXT. DOOR	24352.	.00
0415B22	REPAIR STONE EXTERIOR WALL - 2ND FLOOR	24291.	.00
0415U22	REPAIR EXT GYP BRD - PAINTED 2ND FLOOR	24236.	.00
0572302	REPAIR METAL STEPS - INTERIOR STAIR	23924.	.00
0432212	REPAIR STEEL FRAME(PNT)EXT.WDW.1ST FLOOR	23887.	.00
0433516	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)1ST FL.	23879.	.00
0442205	REPLACE WOOD RAILING EXTERIOR PORCH	23807.	.00
0423115	REPLACE HOLLOW CORE (PAINTED) EXT. DOOR	23740.	.00
0981D13	REPLACE OIL HOUSE FURNACE - 25 KBTU	23670.	.00
0531145	REPLACE STEEL (INSUL.CORE)PNTD.INT.DOOR	23617.	.00
0535302	REPAIR ALUMINUM SINGLE ROLL-UP INT.DOOR	23503.	.00

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0811801	INSPECT/CLEAN SHOWER HEAD-ENAMEL STL TUB	23373.	.00
0415E12	REPR. WOOD FIN.(SINGLE.COAT) EXT.1ST FL	23318.	.00
0415L12	REPAIR STEEL(PAINTED)EXT. 1ST FL.	23254.	.00
0415N12	REPAIR PLATE GLASS EXT.1ST FL	23145.	.00
0619305	REPLACE CORK TILE WALL FINISH	23119.	.00
0421216	REFIN. REPLACED STEEL (PAINT) EXT. DOOR	23028.	.00
0831122	CHECK OPERATION, VACUUM PUMP	22983.	.00
0432425	RPLC.PLAST(WD.CR)FRM.FIX.EXT.WDW.2ND FL.	22977.	.00
0434635	REPLACE ALUMINUM FRAME SCREEN 3RD FLOOR	22675.	.00
0431531	BRKN.GLS:REPLMNT.GLASS BLOCK EXT.3RD+FL.	22638.	.00
0434312	REPAIR WOOD FRAME STORM WINDOW 1ST FLOOR	22638.	.00
0442202	REPAIR WOOD RAILING EXTERIOR PORCH	22612.	.00
0534233	REFIN.REPRD.WOOD LOUVER INTERIOR DOOR	22566.	.00
1131622	REPLACE LAMP,SODIUM FIXT L.P. 200 WATT	22469.	.00
0424325	REPLACE STEEL LOUVERED EXT DOOR	22326.	.00
0811D02	CLEAN TRAP-IRON ENAMEL SINK	22187.	.00
0831143	REPLACE GAS COMPRESSOR > 15 HP	22155.	.00
0415F33	REFN. RPRD.WOOD FIN.(MULT.COAT)3RD FL.	22138.	.00
0431411	BR.GLS:REPL.PLAST.(WD.CR)FRM.EXT.1ST FL.	22085.	.00
0981515	PREV MAINT ANNUAL-BLR PNEUMAT CL SPREADR	22061.	.00
0415U23	REFIN REPARED EXT GYP BRD-PAINTED 2ND FL	21884.	.00
0432435	RPLC.PLAST(WD.CR)FRM.FIX.EXT.WDW.3RD FL.	21319.	.00
09E1122	REPLACE HUMIDISTAT	21245.	.00
1131412	REPLACE LAMP-HID,MERCURY VAPOR F, 250 W	21215.	.00
0811602	REPLACE WASHER IN FAUCET-ENAMELED STEEL	21213.	.00
0991441	REPR HERMET CHILL-CHILL AIR COOL RECIPST	21206.	.00
0415136	REFIN.REPLCD.ALUMINUM SIDING EXT.3RD FL.	21191.	.00
0625301	MINOR REPAIRS TO PLYWOOD FLOOR	21185.	.00
0421121	REPL BRK GLAS-ALUM(SAFTY GLS) PLN&EXT DR	21077.	.00
1243002	PREV MAINT & INSPEC- LIGHT DIMMING PANEL	21043.	.00
0614405	REPLACE VINYL WALL FINISH	20786.	.00
0631203	REFIN.REPAIRED SHEETROCK(STIPLD)CLG.FIN.	20605.	.00
0534332	REPAIR LEAD-LINED(WOOD)MEDICAL INT. DOOR	20561.	.00
0421242	REPAIR STEEL (INSUL CORE) PAINTED EXT DR	20485.	.00
0433216	REFIN REPLCED ALUM LOUVR IN FRAME 1ST FL	20389.	.00
0991453	REPLACE CHLLER-CHLLER AIR COOL REC 10T	20177.	.00
0571102	REPAIR WOOD RAILING - INTERIOR STAIRS	20134.	.00
0433236	REFINISH REPLACED ALUMIN.LOUVER 3RD FLR.	20062.	.00
0415332	REPAIR PNTD.CLAY BRICK EXT.WALL 3RD+FLS.	20030.	.00
0432932	REPR.PLAST(WD.CR)DBL.FIX.EXT.WDW.3RD+FL.	19981.	.00
0415922	REPR.PNTD.CONCRETE BLOCK EXT.WALL 2ND FL	19966.	.00
0311371	DEBRIS REMOVE HAND&VIS INSP-RIG FIBERGLS	19944.	.00
0432135	REPLACE ALUMINUM FIXED EXT.WDW.3RD+FLOOR	19882.	.00
0981L02	REPLACE STORAGE TANK, DHW	19854.	.00
1119303	REPLACE INVERTER, SPECIAL EUQIPMENT	19671.	.00
0311433	MINOR REPAIRS - RIGID FIBERGLASS ROOF	19601.	.00
0433126	REFIN REPLACD WD LOUVER IN FRAME 2ND FL	19598.	.00
0616402	REPAIR WIRE MESH WALL FINISH	19597.	.00
1243001	MINOR REPAIRS - LIGHT DIMMING PANEL	19507.	.00
0615303	REFIN.REPAIRED TIMBER(FINISHED)WALL FIN.	19466.	.00
0434315	REPLACE WOOD FRAME STORM WINDOW 1ST FLR.	19243.	.00
09A1031	REPAIR UNIT HEATER 4000 CFM	19104.	.00
0421322	REPAIR STEEL(SAFTY GLAS) UNPNT EXT DR	18961.	.00
0981312	PREV MAINT ANNUAL INSP-OIL BLR 250 BTU	18909.	.00
1122381	MAINT & REPR CIRC BREAKER FIXD < 599V 2P	18774.	.00
0427202	REPR.STEEL FRM.DBL.(PNT)EXT.DR	18732.	.00
0941503	REPLACE METER < 300#/HR	18620.	.00
0462402	REPAIR MASONRY STEP UNMAINTED EXT.STAIR	18478.	.00
0311412	MOISTURE INSP NON-DEST CONC, SEAL PANEL	18373.	.00
0427305	REPLACE ALUM SINGLE ROLL-UP EXT DOOR	18237.	.00
0811806	REPLACE SHOWER AND FITTINGS-PLASTIC SH	18122.	.00
0814801	OVERHAUL 1/2HP PUMP, REPL SEAL- HOT WATR	18075.	.00
0981412	PREV MAINT ANN-DUAL FIRED BLR 2000 BTU	17964.	.00
0415U35	REPL EXT GYP BRD - PAINTED 3RD FLOOR	17951.	.00
0311434	MINOR REPLACE - RIGID FIBERGLASS ROOF	17869.	.00
0434121	BRKN.GLS.RPLMT.ALUM.FRM.STORM WIN.2ND FL	17817.	.00
0415U25	REPLACE EXT GYP BRD - PAINTED 2ND FLOOR	17796.	.00
0431712	REPAIR STEEL FRM.(DBL)OPER.WNDW.1ST FLR.	17774.	.00

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0434125	REPLACE ALUMINUM FRM.STORM WIND. 2ND FL.	17748.	.00
0616302	REPAIR STEEL INT.FINISH(PNTD)WALL FINISH	17718.	.00
0619502	REPAIR FIBERGLASS PANELS INTER.WALL FIN.	17670.	.00
0531134	REFINISH STEEL SLIDING PNLD. INTER. DOOR	17621.	.00
0814101	DRAIN AND FLUSH HOT WATER HTR.ELEC 300 G	17620.	.00
0534115	REPLACE PANELED (PAINTED) INTERIOR DOORS	17606.	.00
0532225	REPLACE WOOD FULL-GLS.FRM SLIDING INT.DR	17509.	.00
0427105	REPLACE STEEL FRAME SINGLE (PNTD)EXT.DR.	17451.	.00
0415F16	REFN. RPLCD. WOOD FIN.(MULT.COAT)1ST FL.	17405.	.00
0811G02	CLEAN TRAP - PLASTIC SINK	17344.	.00
0615402	REPAIR TIMBER (UNFINISHED) WALL FINISH	17295.	.00
0462304	REFINISH METAL STEPS EXTERIOR STAIR	17266.	.00
0434322	REPAIR WOOD FRAME STORM WINDOW 2ND FLOOR	17000.	.00
0433133	REFIN REPAIRD WD LOUVER IN FRAME 3RD FL	16934.	.00
0415912	REPR.PNTD.CONCR. BLOCK EXT.WALL 1ST FL.	16907.	.00
0619206	REFIN.REPLACED ACOUSTICAL TILE WALL FIN.	16838.	.00
0615706	REFIN.REPLACED BOARD(FINISHED)WALL FIN.	16825.	.00
0415923	RFN.RPR.PNTD.CONC.BLOCK EXT.WALL 2ND FL.	16810.	.00
0991F21	REPAIR FAN COIL UNIT-REFRIG FAN COIL 3T	16810.	.00
0991D13	REPLACE EVAPORATIVE CONDENSER - 20 TONS	16722.	.00
0813C03	REPLACE 1/2HP PUMP/MOTOR ASSEMBLY-COLD	16709.	.00
0442204	REFINISH WOOD RAILING EXTERIOR PORCH	16679.	.00
0571202	REPAIR METAL RAILING - INTERIOR STAIR	16649.	.00
0533126	REFIN.REPLCD.HOLLOW CORE SLIDING INT.DR.	16576.	.00
0991411	REPAIR HERMETIC CHILLER - 20 TONS	16379.	.00
0632305	REPLACE CERAMIC (PAN) CEILING FINISH	16263.	.00
0441204	REFINISH WOOD DECKING EXTERIOR PORCH	16052.	.00
0427205	REPLC.STEEL FRM.DBL(PND)EXT.DR	16042.	.00
0415B32	REPAIR STONE EXTERIOR WALL - 3RD+ FLOORS	16004.	.00
0572504	REFINISH MASONRY STEPS PAINTED INT.STAIR	16001.	.00
1272203	REPLACE HEATER,RADIANT SUSPEND,COMMERCIL	15950.	.00
0813801	OVERHAUL WATER METER	15946.	.00
0941501	REPAIR METER, < 300#/HR	15941.	.00
0422211	BROKEN GLASS:REPL.WOOD FRAME(PNTD)EXT.DR	15903.	.00
0531126	REFIN.REPLCD.STEEL(SAFE GLS)PNT.INT.DOOR	15839.	.00
0814902	INSP/CHK 1 1/2HP PUMP/MOTOR OP,LUBR-HOT	15793.	.00
0615905	REPLACE WAINSCOT WALL FINISH	15786.	.00
0311423	MINOR REPAIRS - CONC, SEAL, POUR IN PL	15754.	.00
0415G15	REPLC. WOOD SHAKES EXT. 1ST FL.	15723.	.00
1122412	PREVENT MAINT SAFTY SWITCH FUSED 1P	15703.	.00
0615805	REPLACE BOARD(UNFINISHED)WALL FINISH	15667.	.00
0462302	REPAIR METAL STEPS EXTERIOR STAIR	15607.	.00
0814C02	INSEPCT FOR LEAKS-STEAM CONVERTOR, DOMES	15594.	.00
0421115	REPLACE ALUMINIUM (P/A) EXTERIOR DOOR	15549.	.00
09A1532	PREV MAINT ANNUAL - VAR VOL 25000 CFM	15542.	.00
0434115	REPLACE ALUMINUM FRM.STORM WIND.1ST FLR.	15521.	.00
1119102	REPLACE METER, DARSONVAL GALVANOMETER	15353.	.00
0432632	REPAIR ALUMINUM FIX(DBL)EXT.WDW.3RD+FLS.	15312.	.00
0434616	REFIN.REPLCD.ALUMIN.FRAME SCREEN 1ST FL.	15311.	.00
09A1911	REPAIR 2 PIPE FAN COIL UNIT - 200 CFM	15303.	.00
1113201	REPLACE FUSE	15285.	.00
0981313	PREV MAINT EXTER INSP-OIL BLR 250 BTU	15223.	.00
0434132	REPAIR ALUMINUM FRM.STORM WINDOW 3RD FL.	15194.	.00
0415H25	RPLC. WOOD SHAKE(FINISH)EXT.2ND FL	15105.	.00
0812302	REPLACE STRAINER-FL DRAIN, WITH BUCKET	15099.	.00
0631403	REFIN.REPRD. STUCCO INTERIOR CEILING FN.	15022.	.00
0814E03	REPLACE HOT WATER HEATER, GAS/OIL 75 GAL	15004.	.00
0432922	REPR.PLAST(WD.CR)DBL.FIX.EXT.WDW.2ND FL.	14929.	.00
1281503	REPLACE TRANSFER SWITCH	14798.	.00
0634102	REPAIR PAPER CEILING FINISH	14670.	.00
0572202	REPAIR WOOD STEPS -INTERIOR STAIR	14600.	.00
0434735	REPLACE STEEL FRAME SCREEN COVER 3RD FL.	14597.	.00
0415126	REFIN.REPLCD.ALUMINUM SIDING EXT.2ND FL.	14595.	.00
0431721	BRKN.GLS:RPLMT.STEEL FRM(DBL)EXT.2ND FL.	14505.	.00
0431521	BRKN.GLS:REPLMNT.GLASS BLOCK EXT.1ST FL.	14478.	.00
0431112	REPAIR ALUMINIUM EXTERIOR WND. 1ST FL.	14417.	.00
0814E02	CLEAN &SERVICE HOT WATER HTR,GAS/OIL 75G	14395.	.00
0981325	PREV MAINT CLEAN BURNER-OIL BLR 2000 BTU	14373.	.00

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0982111	REPAIR FAN-FORCE DRAFT FAN 10,000 CFM	14291.	.00
0415K12	REPAIR STEEL(SELF-COATING)EXT.1ST FL.	14247.	.00
0981D23	REPLACE OIL HOUSE FURNACE - 100 KBTU	14174.	.00
0614702	REPAIR FABRIC INTERIOR WALL FINISH	14015.	.00
0431432	REPAIR PLAS(WD.CORE)FRM.EXT.WDW.3RD+FL.	14013.	.00
09A1522	PREV MAINT ANNUAL- VAR VOLUME 10000 CFM	13993.	.00
0811J03	REPLACE FAUCETS-BATHTUB, PLASTIC	13910.	.00
1271001	MAINT & REPAIR BASEBOARD HEATERS	13878.	.00
0984422	PREV MAINT - CIRCULATION PUMP 5HP	13759.	.00
0415H35	REPLC. WOOD SHAKE(FINISH)EXT.3RD FLR.	13676.	.00
1122441	REPLACE LOW VOLTAGE CARTRIDGE	13653.	.00
0415P25	REPLACE ASBESTOS EXT.WALL 2ND FL.	13613.	.00
0421135	REPLACE ALUM SLIDING EXT DOOR	13538.	.00
0981713	REPLACE FUEL OIL EQUIPMENT	13534.	.00
0421312	REPAIR STEEL (UNPAINTED) EXTERIOR DOORS	13525.	.00
0551202	REPAIR CONCRETE BRICK CHIMNEY- FIREPLACE	13487.	.00
0615306	REFIN.REPLACED TIMBER(FINISHED)WALL FIN.	13434.	.00
0311431	DEBRIS REMOVE HAND&VIS INSP-RGD FIBERGLS	13346.	.00
0981322	PREV MAINT ANNUAL INSP-OIL BLR 2000 BTU	13237.	.00
0425202	REPAIR STEEL EXT GATE (WALK & DRIVEWAY)	13070.	.00
0434636	REFIN.REPLCD.ALUMIN.FRAME SCREEN 3RD FL.	13006.	.00
0415G32	REPAIR WOOD SHAKES EXT. 3RD+ FL.	12980.	.00
0981D22	PREV MAINT - OIL HOUSE FURNACE 100 KBTU	12921.	.00
0434715	REPLACE STEEL FRAME SCREEN COVER 1ST FL.	12889.	.00
0615603	REFIN.REPAIRED PANEL(LAMINATED)WALL FIN.	12848.	.00
0421152	REPAIR ALUM (INSUL) P&A EXT DOOR	12847.	.00
0991451	REPR HERMET CHILL-CHILL AIR COOL REC10T	12760.	.00
09E1141	PREVENT MAINT RADIATION SENSOR	12715.	.00
0615205	REPLACE PLYWOOD(UNFINISHED)WALL FINISH	12611.	.00
0533236	REFIN.REPLCD.SOLID CORE(SAFETY)INT.DOOR	12465.	.00
09A1523	PREV MAINT REPL FLTRS-VAR VOL 10000 CFM	12460.	.00
0981D11	REPAIR OIL HOUSE FURNACE - 25 KBTU	12412.	.00
09A1934	REPLACE 2 PIPE FAN COIL UNIT - 600 CFM	12308.	.00
0415322	REPAIR PNTD CLAY BRICK EXT.WALL 2ND FL.	12191.	.00
0991D12	PREV MAINT EVAPORATIVE CONDENSER 20 TONS	12104.	.00
0415J12	REPAIR ALUMINUM SIDING(ANOZ)EXT.1ST FL.	11882.	.00
0823102	INSP./CHK PUMP/MOTOR OPER.,CHK ALIGN.	11854.	.00
0415H36	REFN.REPLCD.WOOD SHAKE(FINISH)3RD FLR.	11854.	.00
0434626	REFIN.REPLCD.ALUMIN.FRAME SCREEN 2ND FL.	11808.	.00
0432821	BRKN.GLS:REPLMT.WOOD FRM(DBL)FIX.2ND FL.	11775.	.00
0415H26	REFN. RPLCD.WOOD SHAKE(FINISH)2ND FL.	11678.	.00
0991F32	PREVENT MAINT-REFRIG FAN COIL 5T	11472.	.00
0811B05	UNSTOP - PLASTIC SHOWER	11380.	.00
0981A11	REPAIR DEAERATOR	11333.	.00
0434111	BRKN.GLS.RPLMT:ALUM.FRM.STORM WIN.1ST FL	11316.	.00
0432912	REPR.PLAST(WD.CR)DBL.FIX.EXT.WDW.1ST FL.	11313.	.00
0619503	REFIN.REPRD.FIBRGLASS PANELS INT.WALL FN	11311.	.00
0982121	REPAIR FAN-IND DRAFT FAN 10,000 CFM	11311.	.00
0551402	REPAIR METAL PIPE CHIMNEY - FIREPLACES	11211.	.00
0981J13	REPLACE STEAM CONVERTOR < 300,000	11198.	.00
0432612	REPAIR ALUMINUM FIX(DBL)EXT.WDW.1ST FLR.	11173.	.00
0615503	REFINISH REPAIRED PANEL(SOLID)WALL FIN.	11086.	.00
0432216	REFIN.RPLC.STEEL FRM.FIX.EXT.WDW.1ST FL.	11062.	.00
0432111	BRKN.GLS:RPLMNT.ALUM.FIX.EXT.WDW.1ST FL.	11018.	.00
0615904	REFINISH WAINSCOT WALL FINISH	10988.	.00
0639402	REPAIR FIBERGLASS PANEL CEILING FINISH	10844.	.00
0534215	REPLACE ALUMINUM LOUVERED INTERIOR DOOR	10798.	.00
0427802	REPAIR STEEL (SGL LEAF) SPRING GARAGE DR	10797.	.00
0823101	OVERHAUL SUMP PUMP, REPL SEAL/BEARING	10554.	.00
0423216	REFIN. REPLACED SOLID CORE (PNTD)EXT.DR.	10517.	.00
0535304	REFIN. ALUMINUM SINGLE ROLL-UP INT.DOOR	10515.	.00
0619506	REFIN.REPLCD.FIBERGLS PNL INT.WALL FINS.	10492.	.00
0415333	REFIN.REPAIR PNTD.CLAY BRICK EXT.3RD+FL.	10482.	.00
0415S12	REPAIR PORCELAIN EXT. PANELS 1ST FL.	10477.	.00
0534236	REFIN.REPLCD.WOOD LOUVERED INTERIOR DOOR	10430.	.00
0534223	REFIN.REPRD.STEEL LOUVER INTERIOR DOOR	10412.	.00
0415I12	REPAIR ALUMINUM SIDING EXT.1ST FL.	10351.	.00
1282101	MAINT & REPAIR STATIC CHARGER, BATTERY	10348.	.00

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0981D31	REPAIR OIL HOUSE FURNACE - 200 KBTU	10347.	.00
0423114	REFINISH HOLLOWCORE (PNTD)EXTERIOR DOORS	10307.	.00
0434432	REPAIR METAL WINDOW GRATINGS 3RD FLOOR	10271.	.00
0433112	REPAIR WOOD LOUVER IN FRAME 1ST FLOOR	10253.	.00
0432131	BRKN.GLS:REPLMT ALUM.FIX.EXT.WDW.3RD+FL.	10229.	.00
0311424	MINOR REPAIRS - CONC,SEAL, POUR IN PL	10207.	.00
0441103	REFINISH REPAIRED CONC.DECKING EXT.PORCH	10202.	.00
0415L22	REPAIR STEEL(PAINTED)EXT.2ND FL.	10035.	.00
0432622	REPAIR ALUMINUM FIX(DBL)EXT.WDW.2ND FLR.	10035.	.00
1131201	MAINT & REPAIR QUARTZ LIGHT FIXTURE	9999.	.00
0931101	REPLACE LPG STORAGE TANK ,1000 GALLON	9990.	.00
0415N22	REPAIR PLATE GLASS EXT. 2ND FL	9971.	.00
0415F12	REPR. WOOD FIN.(MULT.COAT) EXT. 1ST FLR.	9775.	.00
0991F31	REPAIR FAN COIL UNIT-REFRIG FAN COIL 5T	9717.	.00
0421244	REFIN STEEL (INSUL CORE) PAINTED EXT DR	9675.	.00
0981411	REPAIR DUAL FIRED BOILER - 2000 BTU	9671.	.00
0811204	INSTLL GASKET IN SPUD CONNECT-FLH TK WTR	9621.	.00
0615702	REPAIR BOARD (FINISHED) WALL FINISH	9599.	.00
0811405	CLEAN OUT STRAINER AND P TRAP-IRON,ENAML	9560.	.00
0615703	REFIN.REPAIRED BOARD(FINISHED)WALL FIN.	9515.	.00
0433226	REFINISH REPLACED ALUMIN.LOUVER 2ND FLR.	9497.	.00
0434325	REPLACE WOOD FRAME STORM WINDOW 2ND FLR.	9466.	.00
0811J04	RESEAL BATHTUB, PLASTIC	9451.	.00
0432415	RPLC.PLAST(WD.CR)FRM.FIX.EXT.WDW.1ST FL.	9423.	.00
0427804	REFINISH STEEL (SGL LEAF) SPRING GAR DR	9354.	.00
0981812	REPLACE BOILER BLOWOFF SYSTEM	9243.	.00
09C1213	REPLACE UNIT-AIR CURTAIN, 1000 CFM	9225.	.00
0811L03	REPLACE SHOWER-EMERGENCY SHOWER STATION	9197.	.00
0421226	REFIN REPLACED STL(SAFTY GLAS) PAINT EXT	9158.	.00
04?1122	REPAIR ALUMINIUM EXTERIOR WND. 2ND FL.	9117.	.00
0415U15	REPLACE EXT GYP BRD - PAINTED 1ST FLOOR	9055.	.00
0572402	REPAIR MASONRY STEP UNPAINTED INT.STAIR	9053.	.00
0415G22	REPAIR WOOD SHAKES EXT. 2ND FL.	8996.	.00
0432816	RFN.RPLC.WOOD FRM(DBL)FIX.EXT.WDW.1ST FL	8977.	.00
0534112	REPAIR PANELED (PAINTED) INTERIOR DOOR	8970.	.00
0415932	REPR.PNTD.CONCR.BLOCK EXT.WALL 3RD FL.	8933.	.00
0415313	REFIN.REPAIR.PNTD CLAY BRICK EXT.1ST FL.	8916.	.00
0431412	REPR.PLASTIC(WD.CORE)FRM.EXT.WDW.1ST FL.	8786.	.00
0432826	RFN.RPLC.WOOD FRM(DBL)FIX.EXT.WDW.2ND FL	8766.	.00
0991111	REPAIR A/C DX PACKAGED - 5 TONS	8765.	.00
0462602	REPAIR QUARRY TILE STEPS EXTERIOR STAIR	8684.	.00
0311425	FLASHING REPAIRS - CONC, SEAL POUR IN PL	8681.	.00
0415U36	REFIN REPL EXT GYP BRD - PAINTED 3RD FL	8676.	.00
0434612	REPAIR ALUMINUM FRAME SCREEN 1ST FLOOR	8670.	.00
0415G12	REPR. WOOD SHAKES EXT. 1ST FLR.	8654.	.00
0534335	REPLACE LEAD-LINED (WOOD)MEDICAL INT.DR.	8631.	.00
0442302	REPAIR STEEL(METAL)PNT.RAILING EXT.PORCH	8494.	.00
1119101	MAINT & REPAIR METER, DARSONVAL GALVANOM	8493.	.00
0432332	REPAIR WOOD FRAME FIX.EXT.WDW.3RD+FLOORS	8431.	.00
0831142	REPAIR GAS COMPRESSOR > 15 HP	8343.	.00
0425205	REPLACE STEEL EXT GATE (WALK & DRIVEWAY)	8342.	.00
0433114	REFINISH WOOD LOUVER IN FRAME 1ST FLOOR	8294.	.00
0434725	REPLACE STEEL FRAME SCREEN COVER 2ND FL.	8266.	.00
0434736	REFIN.REPLCD.STEEL FRAME SCREEN 3RD FLR.	8227.	.00
0415E13	REFIN.REPAIR WOOD FIN(SINGLE CT)1ST FL.	8138.	.00
0415913	RFN.RPR.PNTD.CONCR.BLOCK EXT.WALL 1ST FL	8113.	.00
0811B03	REPLACE FAUCETS - PLASTIC SHOWER	7962.	.00
0811N06	REPLACE SHOWER-SHOWER,CPU	7916.	.00
0431422	REPR.PLASTIC(WD.CORE)FRM.EXT.WDW.2ND FL.	7898.	.00
0415933	RFN.RPR.PNTD.CONC.BLOCK EXT.WALL 3RD+FL.	7829.	.00
0811404	REPLACE FAUCETS - IRON, ENAMEL LAVATORY	7778.	.00
0421155	REPLACE ALUM (INSUL) P&A EXT DOOR	7684.	.00
0434311	BRKN.GLS.RPLMT.WOOD FRM.STORM WIN.1ST FL	7682.	.00
09A1C11	REPAIR SINGLE ZONE DRAW-THRU - 6500 CFM	7609.	.00
09E1132	REPLACE FLOW SENSOR	7485.	.00
0531215	REPLACE STEEL UNPAINTED INTERIOR DOOR	7462.	.00
0531141	BRKN.GLS.RPLMT:STEEL(INSUL)PNTD.INT.DOOR	7450.	.00
0994281	REPACK DRAIN VALVE GLAND	7417.	.00

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0415S15	REPLACE PORCELAIN EXT.PANELS 1ST FL.	7374.	.00
0431132	REPAIR ALUMINUM EXTERIOR WDW. 3RD+FL.	7342.	.00
0432431	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.3RD+FL.	7295.	.00
0553302	REPAIR PLASTER SURFACE - FIREPLACE	7222.	.00
0831152	REPLACE COMPRESSOR-COMPRESSED AIR DRYER	7220.	.00
0814D02	CLN & SERV-HOT WATER HTR,GAS/OIL 30 GAL	7198.	.00
0443104	REFINISH CONCRETE SUPPORTS EXT.PORCH	7143.	.00
1281501	MAINT & REPAIR TRANSFER SWITCH	7130.	.00
0415U26	REFIN REPL EXT GYP BRD - PAINTED 2ND FLR	7128.	.00
0814J01	DRAIN & FLUSH HOT WATER HTR.ELEC 1000 G	7114.	.00
09A1921	REPAIR 2 PIPE FAN COIL UNIT - 400 CFM	7057.	.00
0811J06	UNSTOP BATHTUB, PLASTIC	7050.	.00
0571203	REFIN.REPAIRED METAL RAILING INTER.STAIR	7035.	.00
09A1933	PREV MAINT REPL FLTRS- 2 PIPE FAN 600CFM	7015.	.00
0432725	REPLCE.STEEL FRM(DBL)FIX.EXT.WDW.2ND FL.	6992.	.00
0813F03	REPLACE MOTOR-PUMP ASSEMBLY > 1HP	6947.	.00
0639403	REFIN.REPRD.FIBERGLASS CEILING FINISH	6920.	.00
0811406	REPLACE LAVATORY - IRON, ENAMEL	6894.	.00
1115203	REPLACE SWITCHGEAR,INDOOR AB 600 V	6853.	.00
0415P15	REPLACE ASBESTOS EXT.WALL 1ST FL.	6831.	.00
0432421	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.2ND FL.	6788.	.00
0534114	REFINISH PANELED (PAINTED) INTERIOR DOOR	6787.	.00
0433536	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)3RD FL.	6747.	.00
0615202	REPAIR PLYWOOD(UNFINISHED)WALL FINISH	6724.	.00
0534214	REFINISH ALUMINUM LOUVERED INTERIOR DOOR	6609.	.00
0813C02	INSP/CHK 1/2HP PUMP/MOTOR OP,LUBR-COLD	6598.	.00
0432721	BRKN.GLS:RPLMT.STEEL FRM(DBL)FIX.2ND FL.	6594.	.00
1282103	REPLACE STATIC CHARGER, BATTERY	6558.	.00
0415I16	REFIN.REPLCD.ALUMINUM SIDING EXT.1ST FL.	6557.	.00
0535305	REPLACE ALUMINUM SINGLE ROLL-UP DOOR	6541.	.00
0444202	REPAIR WOOD COLUMNS EXTERIOR PORCH	6496.	.00
0639406	REFIN.REPLCD.FIBERGLS.PANEL CEILING FIN.	6425.	.00
0981323	PREV MAINT EXTER INSP-OIL BLR 2000 BTU	6388.	.00
0981321	REPAIR OIL BOILER - 2000 BTU	6377.	.00
09A1932	PREV MAINT CLEAN COIL-2 PIPE FAN 600 CFM	6358.	.00
09E1151	PREVENT MAINT WIND VELOCITY SENSOR	6358.	.00
0571106	REFIN.REPLC.WOOD RAILING INTERIOR STAIR	6287.	.00
0622201	MINOR REPAIRS TO QUARRY TILE FLOOR	6153.	.00
0433416	REFIN. REPLCD.WOOD SHUTTER (FRM) 1ST FL.	6147.	.00
0814003	REPLACE PUMP/MOTOR ASSEMBLY > 1HP - HOT	6139.	.00
0981J11	REPAIR STEAM CONVERTOR < 300,000	6108.	.00
0634402	REPAIR FORMICA INT.CEILING FINISH	6016.	.00
0431716	REFIN.REPLC.STEEL FRM.(DBL)EXT.1ST FL.	6013.	.00
0941502	PREVENTIVE MAINTENANCE CLEANIN <300#/HR	5988.	.00
0415S14	REFN.PNT.CONCRETE BRICK EXT.WALL 1ST FL.	5979.	.00
0991113	REPLACE A/C DX PACKAGED - 5 TONS	5978.	.00
0994212	REPLACE GATE VALVE, 3/8" - 1 1/2"	5952.	.00
0637205	REPLACE PLATE GLASS(SUSPND)CEILING FIN.	5934.	.00
0421325	REPLACE STEEL(SAFTY GLAS) UNPNT EXT DOOR	5930.	.00
0813C01	OVERHAUL 1/2HP PUMP,REP SEAL BEARIN-COLD	5904.	.00
09C1161	REPAIR FAN, EXHAUST FAN 5000 CFM	5899.	.00
0634202	REPAIR PLASTIC CEILING FINISH	5891.	.00
1116101	MAINT & REPAIR TRANSFORMER, LIQUID BL600	5845.	.00
0991112	PREV MAINT - A/C DX PACKAGED 5 TONS	5840.	.00
0637312	REPAIR SINGLE GLASS SKYLIGHT UNIT	5722.	.00
0311422	MOIST INSP NON-DEST - CONC, SEAL PIP	5709.	.00
09A1941	REPAIR 2 PIPE FAN COIL UNIT - 1200 CFM	5680.	.00
0421245	REPLACE STEEL(INSUL CORE) PAINTED EXT DR	5609.	.00
0626101	MINOR REPAIRS TO STEEL FLOOR	5571.	.00
0616202	REPAIR STEEL INT.FINISH(UNPNTD)WALL FIN.	5512.	.00
0415I13	REFIN.REPRD.ALUMINUM SIDING EXT.1ST FL.	5507.	.00
0433425	REPLACE WOOD SHUTTER (FRAMED) 2ND FLOOR	5475.	.00
09A1C51	REPAIR SINGLE ZONE DRAW THRU 1000 CFM	5446.	.00
0415323	REFIN.REPAIR.PNTD.CLAY BRICK EXT.2ND FL.	5408.	.00
0622301	MINOR REPAIRS TO BRICK FLOOR	5348.	.00
0811J02	REPLACE FAUCET WASHER-BATHTUB, PLASTIC	5344.	.00
0991223	REPLACE A/C WINDOW - 2 TONS	5337.	.00
0991C21	REPAIR COOLING TOWER - 100 TONS	5320.	.00

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0421342	REPAIR STEEL(INSUL CORE) UNPNTED EXT DR	5288.	.00
1281502	PREV MAINT TRANSFER SWITCH	5267.	.00
0434321	BRKN.GLS.RPLMT:WOOD FRM.STORM WIN.2ND FL	5221.	.00
0433123	REFIN REPLCED WD LOUVER IN FRAME 2ND FL	5219.	.00
0434131	BRKN.GLS.RPLMT.ALUM.FRM.STORM WIN.3RD FL	5165.	.00
0615802	REPAIR BOARD (UNFINISHED) WALL FINISH	5164.	.00
0434126	REFIN.REPLCD.ALUM.FRM.STORM WIN.2ND FLR.	5127.	.00
0811603	REPLACE SUPPORT RODS-ENAMELED STEEL L	5110.	.00
0415G35	REPLC. WOOD SHAKES EXT. 3RD+ FL	5104.	.00
0811804	RESEAL - PLASTIC SHOWER	5085.	.00
0415H15	RPLC. WOOD SHAKE(FINISH)EXT.1ST FL.	5082.	.00
0981413	PREV MAINT EXT INSP-DL FIRED BLR 2000BTU	5074.	.00
0572502	REPAIR MASONRY STEPS PAINTED INT.STAIR	5067.	.00
1122331	MAINT &REPAIR CIRCT BREAKER,FIXED,0-599V	5019.	.00
0415B22	REPAIR CONCRETE BLOCK EXT.WALL 2ND FL.	4959.	.00
1141001	MAINT & REPAIR-ELECTIRCAL SERVICE GROUND	4927.	.00
0532221	BRK.GLS.RPLMT:WOOD FUL-GLS.SLID.INT.DOOR	4878.	.00
0433526	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)2ND FL.	4779.	.00
09942?3	REPLACE DRAIN VALVE	4738.	.00
04625 2	REPAIR MASONRY STEP PAINTED EXT.STAIR	4736.	.00
0811601	REPLACE WASHER IN SPUD CONNECTION-EN ST	4731.	.00
11223C2	PREV MAINT CIRC BREAKER FIXED > 600V 3P	4675.	.00
0534226	REFIN.REPLCD.STEEL LOUVER INTERIOR DOOR	4664.	.00
0616303	REFIN.REPRD.STEEL INT.FIN(PNTD)WALL FIN.	4632.	.00
09A1533	PREV MAINT REPL FLTRS- VAR VOL 25000 CFM	4624.	.00
0432812	REPAIR WOOD FRM(DBL)FIX.EXT.WDW.1ST FLR.	4608.	.00
1282203	REPLACE MOTOR GENERATOR, BATTERY	4589.	.00
0432122	REPAIR ALUMINUM FIX.EXT.WDW.2ND FLOOR	4534.	.00
0532216	REFIN.REPLCD.WOOD FULL-GLS.FRM.INT. DOOR	4518.	.00
0981D21	REPAIR OIL HOUSE FURNACE - 100 KBTU	4499.	.00
0811M02	INSP & CLEAN SPRAY HEADS-EMERG EYE WASH	4477.	.00
0415L33	REFIN.REPAIR STEEL(PAINTD)EXT.3RD FL.	4442.	.00
0424112	REPAIR METAL GRATED PAINTED EXT DOOR	4428.	.00
0432832	REPAIR WOOD FRM(DBL)FIX.EXT.WDW.3RD+FLR.	4426.	.00
0423226	REFIN REPLACED SOLID CORE SLIDING WD EXT	4425.	.00
0616505	REPLACE LEAD-LINED INTERIOR WALL	4408.	.00
0615902	REPAIR WAINSCOT WALL FINISH	4405.	.00
0434135	REPLACE ALUMINUM FRM.STORM WIND. 3RD FL.	4384.	.00
0424214	REFINSH METAL WIRE MESH PAINTED EXT DOOR	4372.	.00
0441305	REPLACE METAL DECKING EXTERIOR PORCH	4357.	.00
0415G25	REPLC. WOOD SHAKES EXT. 2ND FL.	4302.	.00
0814901	OVERHAUL 1 1/2HP PUMP,REPL SEALS-HOT WTR	4251.	.00
0434812	REPAIR WOOD FRAME SCREEN COVER 1ST FLOOR	4227.	.00
0984462	REPAIR CONDENSATE RECEIVER,HOT 10-15 GAL	4197.	.00
1122361	REPAIR FAILED CIRC BREAKER M.C. > 600V 3	4178.	.00
0991222	PREVENTIVE MAINT - A/C WINDOW 2 TONS	4132.	.00
09A1711	REPAIR 2 PIPE INDUCTION UNIT - 6500 CFM	4112.	.00
0434622	REPAIR ALUMINUM FRAME SCREEN 2ND FLOOR	4097.	.00
0831141	CHECK AND ADJUST GAS COMPRESSOR > 15 HP	4053.	.00
1272201	MAINT & REPAIR RADIANT SUSPEND,COMMERCIL	4028.	.00
1122341	REPAIR FAILED CIRCT BREAKER,FIXD, 600+V	3998.	.00
0616403	REFINISH REPAIRED WIRE MESH WALL FINISH	3963	.00
0991211	REPAIR A/C WINDOW - 1 TON	3953.	.00
0432712	REPAIR STEEL FRM(DBL)FIX.EX..WDW.1ST FL.	3867.	.00
0425204	REFINISH STEEL EXT GATE	3836.	.00
0841301	GEN MAINT AND REPAIR, WATER SOFTENER	3826.	.00
0991D11	REPAIR EVAPORATIVE CONDENSER - 20 TONS	3823.	.00
0415F13	REFIN. REPR.WOOD FIN.(MULT.COAT)1ST FL.	3768.	.00
0434726	REFIN.REPLCD.STEEL FRAME SCREEN 2ND FLR.	3736.	.00
0639302	REPAIR ASBETOS-ACOUST.FIRE RTD.TILE FIN.	3717.	.00
0813B01	OVERHAUL 1/6HP PUMP, REPLACE SEALS-COLD	3690.	.00
0311435	FLASHING REPAIRS - RIGID FIBERGLASS ROOF	3689.	.00
0434316	REFIN.REPLCD. WOOD FRAME WINDOW 1ST FLR.	3663.	.00
0981712	PREV MAINT - FUEL OIL EQUIPMENT	3637.	.00
0415U12	REPAIR EXTERIOR GYP BRD - PAINTED 1ST FL	3567.	.00
09A1A34	REPLACE 4 PIPE FAN COIL UNIT - 600 CFM	3526.	.00
0415P12	REPAIR ASBESTOS EXT. WALL 1ST FL.	3523.	.00
0811K06	REPLACE LAVATORY, PLASTIC	3502.	.00

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0431726	REFN.REPLC.STEEL FRM(DBL)EXT.WDW.2ND FL.	3490.	.00
0434716	REFIN.REPLCD.STEEL FRAME SCREEN 1ST FLR.	3486.	.00
0612602	REPAIR CONCRETE BRICK WALL FINISH	3458.	.00
0424312	REPAIR ALUM LOUVERED EXT DOOR	3414.	.00
0571304	REFINISH WROUGHT IRON INT.STAIR RAILING	3382.	.00
0811M01	REPACK VALVE GLANDS-EMERG EYE WASH	3371.	.00
0434632	REPAIR ALUMINUM FRAME SCREEN CVR.3RD FL.	3344.	.00
0461202	REPAIR METAL RAILING EXTERIOR STAIR	3321.	.00
0415832	REPAIR CONCRETE BLOCK EXT.WALL 3RD+ FL.	3320.	.00
0813B02	INSP/CHK 1/6HP PUMP/MOTOR OPER,LUB-COLD	3245.	.00
0415H16	REFN. RPLCD.WOOD SHAKE(FINISH)1ST FL.	3237.	.00
0434822	REPAIR WOOD FRAME SCREEN COVER 2ND FLOOR	3235.	.00
0415U16	REFIN REPL EXT GYP BRD - PAINTED 1ST FLR	3227.	.00
0632405	REPLACE CERAMIC (TILE) CEILING FINISH	3217.	.00
0981K12	PREVENTIVE MAINTENANCE ON FLASH TANK	3212.	.00
09A1511	REPAIR VARIABLE VOLUME UNIT - 6500 CFM	3189.	.00
09C1212	PREVENT MAINT-AIR CURTAIN, 1000 CFM	3179.	.00
0427706	REFIN REPLACED ALUM (SGL LEAF) GAR DOOR	3175.	.00
0432735	REPLCE.STEEL FRM(DBL)FIX.EXT.WDW.3RD+FL.	3174.	.00
0433634	REFINISH STEEL SHUTTER (FRAME) 3RD FLOOR	3168.	.00
0535404	REFINISH ALUMINUM DOUBLE ROLL-UP INT.DR.	3127.	.00
0614402	REPAIR VINYL WALL FINISH	3106.	.00
0415M12	REPAIR GLASS BLOCK EXT.1ST FL	3099.	.00
0432731	BRKN.GLS:RPLMT.STEEL FRM(DBL)FIX.3RD+FL.	3095.	.00
0461104	REFINISH WOOD RAILING EXTERIOR STAIRS	3064.	.00
0813F02	PREV MAINT-CIRC PUMP >1 HP	3063.	.00
0572206	REFIN.REPLACED WOOD STEPS INTERIOR STAIR	3062.	.00
0434326	REFIN.REPLCD. WOOD FRM.STORM WIN.2ND FL.	3061.	.00
0444304	REFINISH CLAY BRICK COLUMN EXTER.PORCH	3047.	.00
0423236	REFIN REPL SOLID CORE(SFTY GLAS)PNT EXT	3009.	.00
0535402	REPAIR ALUMINUM DOUBLE ROLL-UP INT.DOOR	2977.	.00
0424315	REPLACE ALUM LOUVERED EXT DOOR	2928.	.00
0421315	REPLACE STEEL (UNPAINTED) EXTERIOR DOORS	2898.	.00
0811J01	INSPECT/CLEAN SHWR HEAD-BATHTUB,PLASTIC	2888.	.00
0427406	REFIN REPLACED ALUM DBL ROLL-UP EXT DOOR	2878.	.00
0811B02	REPLACE FAUCET WASHER - PLASTIC SHOWER	2875.	.00
0634305	REPLACE FABRIC CEILING FINISH	2866.	.00
0811402	REPLACE WASHER IN FAUCET-IRON, ENAMEL L	2838.	.00
0432432	REPR.PLAST(WD.CR)FRM.FIX.EXT.WDW.3RD+FL.	2823.	.00
0981101	REFILL EXPANSION TANK	2819.	.00
0433513	REFIN. REPRD. ALUMIN. (FRAMED) 1ST FLOOR	2790.	.00
0639105	REPLACE SPEC.PURP.ACOUSTIC.TILE CLG.FIN.	2775.	.00
1145002	REPLACE SPECIAL GROUND SYSTEM	2736.	.00
0612902	REPAIR MASONITE INTERIOR WALL FINISH	2730.	.00
0443102	REPAIR CONCRETE SUPPORTS EXTERIOR PORCH	2666.	.00
0415022	REPAIR FORMICA-VINYL EXT.2ND FL	2648.	.00
0434116	REFIN.REPLCD.ALUM.FRM.STORM WIN.1ST FLR.	2647.	.00
0637322	REPAIR SKYLIGHT INTEGRATED W/STRUCTURE	2636.	.00
0432422	REPR.PLAST(WD CR)FRM.FIX.EXT.WDW.2ND FL.	2633.	.00
09A1111	REPAIR MULTI-ZONE UNIT, 6500 CFM	2612.	.00
0421236	REFIN REPLACED STEEL SLIDING PAINT EXT	2600.	.00
0461105	REPLACE WOOD RAILINGS EXTERIOR STAIRS	2599.	.00
0442602	REPAIR STEEL (METAL)UNPNT.RAIL.EXT.PORCH	2598.	.00
0813A03	REPLACE PUMP/MOTOR ASSEMBLY,1 1/2 HP-CLD	2594.	.00
0637202	REPAIR PLATE GLASS(SUSPND)CEILING FINISH	2574.	.00
0813702	INSTALL NEW EXPANSION CHAMBER	2552.	.00
09A1C61	REPAIR SINGLE ZONE DRAW THRU 2500 CFM	2550.	.00
0421321	REPL BRK GLAS STEEL(SAFTY GLAS)UNPNT EXT	2513.	.00
0811K05	CLEAN OUT STRAINR & P TRAP, LAV, PLASTIC	2496.	.00
0813F01	OVRHL PUMP,REPL SEAL/BRNGS-CIRC PUMP>1HP	2491.	.00
0427805	REPLACE STEEL (SGL LEAF) SPRING GAR DOOR	2485.	.00
0433233	REFINISH REPAIRED ALUMIN.(FRMD) 3RD FLR.	2475.	.00
0444103	REFINISH REPAIRED METAL COLUMN EXT.PORCH	2459.	.00
0572602	REPAIR CARPETED STEPS INTERIOR STAIR	2435.	.00
0415N12	REPAIR WOOD SHAKES(FIN)EXT.1ST FL.	2435.	.00
0533226	REFIN.REPLCD.SOLID CORE SLIDING INT.DOOR	2427.	.00
0553306	REFIN.REPLCD.PLASTER SURFACE FIREPLACE	2405.	.00
0462205	REPLACE WOOD STEPS EXTERIOR STAIRS	2386.	.00

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0981711	REPAIR FUEL OIL EQUIPMENT	2374.	.00
0441306	REFINISH REPLACED METAL DECK.EXT.PORCH	2368.	.00
0415812	REPAIR CONCRETE BLOCK EXT.WALL 1ST FL.	2360.	.00
0639306	RFIN.RPLCD.ASBESTOS-ACOUST.RTD.TILE FIN.	2339.	.00
0994282	REPLACE DRAIN VALVE STEM ASSEMBLY	2336.	.00
0434732	REPAIR STEEL FRAME SCREEN COVER 2ND FLR.	2312.	.00
1145001	MAINT & REPAIR SPECIAL GROUND SYSTEM	2300.	.00
0421241	REPL BRK GLAS-STL(INSUL CORE)PAINT EXT	2287.	.00
0434832	REPAIR WOOD FRAME SCREEN COVER 3RD FLOOR	2273.	.00
0814L02	CHECK OPER. HOT WATER HEAT ELECT 52 GAL	2272.	.00
0535405	REPLACE ALUMINUM DBL.ROLL-UP INTER.DOOR	2261.	.00
0434712	REPAIR STEEL FRAME SCREEN COVER 1ST FLR.	2253.	.00
0431722	REPAIR STEEL FRM.(DBL)OPER.WNDW. 2ND FL.	2253.	.00
0532224	REFINISH WOOD FULL-GLS.SLIDING INT. DOOR	2222.	.00
09A1C21	REPAIR SINGLE ZONE DRAW-THRU - 10000 CFM	2180.	.00
09E1142	REPLACE RADIATION SENSOR	2176.	.00
0814E01	OVERHAUL WATER HTR, GAS/OIL 75 GAL	2171.	.00
0422125	REPLACE-FUL GLAZD ALUM FRAME SLIDING EXT	2159.	.00
0415U13	REFIN REPAIRED EXT GYP BRD-PAINT 1ST FL	2151.	.00
0421142	REPAIR ALUM (WOOD CORE) EXT DOOR	2141.	.00
0813202	INSTALL 10' SECTION-PIPE & F, COPPER	2113.	.00
0612903	REFIN.REPRD.MASONITE INTERIOR WALL FIN.	2093.	.00
1114202	PREV MAINT &INSP-TRANSFORMER,DRY,AB15000	2091.	.00
0841201	UNSTOP WASTE DISPOSAL, RESIDENTIAL	2088.	.00
0433115	REPLACE WOOD LOUVER IN FRAME 1ST FLOOR	2081.	.00
0311432	MOISTURE INSP, NON-DEST RIGID FIBERGLAS	2081.	.00
0421345	REPLACE STEEL(INSUL CORE) UNPNT EXT DR	2054.	.00
0619203	REFIN.REPAIRED ACOUSTICAL TILE WALL FIN.	1960.	.00
09A1C31	REPAIR SINGLE ZONE DRAW THRU - 25000 CFM	1958.	.00
0415025	REPLACE FORMICA-VINYL EXT.2ND FL	1947.	.00
0432112	REPAIR ALUMINUM FIX.EXT.WDW.1ST FLOOR	1942.	.00
0841202	REPLACE UNIT-WASTE DISPOSAL, RESIDENTIAL	1932.	.00
0433426	REFIN. REPLCD.WOOD SHUTTER (FRM) 1ST FL.	1913.	.00
0415H13	REFN. REPRD.WOOD SHAKE(FINISH)1ST FLR.	1909.	.00
0433313	REFINISH REPAIRED STEEL (FRAME) 1ST FLR.	1904.	.00
0522102	REPAIR FABRIC INT. PARTITIONS	1872.	.00
09A1121	REPAIR MULTI-ZONE UNIT 10000 CFM	1872.	.00
0612702	REPAIR FIREBRICK WALL FINISH	1867.	.00
09A1211	REPAIR DUAL DUCT UNIT 6500 CFM	1852.	.00
0571103	REFINISH REPAIRED WOOD RAILING INT.STAIR	1852.	.00
0433213	REFIN REPRAIRD ALUM LOUV IN FRAME 1ST FR	1845.	.00
0814D03	REPLACE HOT WATER HEATER, GAS/OIL 30 GAL	1844.	.00
0432411	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.1ST FL.	1838.	.00
0425105	REPLACE ALUM EXT GATE (WALK & DRIVEWAY)	1811.	.00
09A1B11	REPAIR UNIT VENT - 400 CFM	1809.	.00
0432716	RFN.RPLC.STL.FRM(DBL)FIX.EXT.WDW.1ST FL.	1802.	.00
0432822	REPAIR WOOD FRM(DBL)FIX.EXT.WDW.2ND FLR.	1787.	.00
0432132	REPAIR ALUMINUM FIXED EXT.WDW.3RD+FLOORS	1785.	.00
0462504	REFINISH MASONRY STEPS PAINTED EXT.STAIR	1778.	.00
0424323	REFIN REPAIRED STEEL LOUVERED EXT DOORS	1738.	.00
0415X12	REPAIR FIBERGLAS PANELS - 1ST FLOOR	1716.	.00
0434136	REFIN.REPLCD.ALUM.FRM.STORM WIND.3RD FL.	1698.	.00
0811K04	REPLACE FAUCETS, LAVATORY, PLASTIC	1695.	.00
0425304	REFINISH WOOD EXT GATE	1688.	.00
0941202	CHECK FOR LEAKS FLASH TANK, 24 GALLON	1669.	.00
0422216	REFIN. REPLACED WOOD FRAME(PNTD)EXT.DOOR	1656.	.00
0427306	REFIN REPLACED ALUM SINGLE ROLL-UP DOOR	1647.	.00
0432726	RFN.RPLC.STL.FRM(DBL)FIX.EXT.WDW.2ND FL.	1580.	.00
0423116	REFIN.REPLACED HOLLOW CORE (PNTD)EXT. DR	1558.	.00
0811B01	INSPECT/CLEAN SHOWER HEAD-PLASTIC SHOWER	1556.	.00
0415K22	REPAIR STEEL(SELF-COATING)EXT.2ND FL.	1541.	.00
09C1211	REPLACE FAN & MOTOR AIR CURAIN, 1000 CFM	1525.	.00
0619102	REPAIR STONE WALL FINISH	1512.	.00
1144002	REPLACE COMPUTER GROUND SYSTEM	1512.	.00
0994211	REPACK GATE VALVE GLAND, 3/8" - 1 1/2"	1503.	.00
0531222	REPAIR STEEL (SAFETY GLS)UNPT.INTER.DOOR	1494.	.00
0462204	REFINISH WOOD STAIRS EXTERIOR STAIRS	1468.	.00
0424314	REFINISH ALUM LOUVERED EXT DOOR	1436.	.00

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0425102	REPAIR ALUM EXT GATE (WALK & DRIVEWAY)	1436.	.00
09E1152	REPLACE WIND VELOCITY SENSOR	1436.	.00
0615903	REFINISH REPAIRED WAINSCOT WALL FINISH	1432.	.00
0534116	REFIN.REPLC.PANELED(PAINTED)INTER. DOOR	1424.	.00
0461203	REFINISH REPAIRED METAL RAILNG.EXT.STAIR	1422.	.00
09A1A33	PREV MAINT REPL FLTRS-4 PIPE FAN 600 CFM	1420.	.00
0443304	REFINISH CLAY BRICK SUPPORTS EXT.PORCH	1404.	.00
0434722	REPAIR STEEL FRAME SCREEN COVER 2ND FLR.	1396.	.00
09A1931	REPAIR 2PIPE FAN COIL UNIT - 600 CFM	1377.	.00
0831153	CHECK OPERATION-COMPRESSED AIR DRYER	1316.	.00
0433632	REPAIR STEEL SHUTTER (FRAME) 3RD FLOOR	1315.	.00
0421145	REPLACE ALUM (WOOD CORE) EXT DOOR	1294.	.00
0814701	REFILL EXPANSION CHAMBER	1286.	.00
0433223	REFINISH REPAIRED ALUMINUM LOUVER 2ND FL	1264.	.00
0415M22	REPAIR GLASS BLOCK EXT. 2ND FL	1254.	.00
0422222	REPAIR-FUL GLAZ WD FRAME SLIDING EXT DR	1251.	.00
0433333	REFINISH REPRD.STEEL LOUVER (FRM)3RD FL.	1236.	.00
0444203	REFINISH REPAIRED WOOD COLUMN EXT.PORCH	1230.	.00
0427106	REFIN.REPLC.STEEL FRM.SINGLE(PNTD)EXT.DR	1213.	.00
0534113	REFINISH REPRD.PANELED INT.BI-FOLD DOOR	1199.	.00
1144001	MAINT & REPAIR COMPUTER SYSTEM GROUND	1197.	.00
0639102	REPAIR SPECL.PURP.ACOUSTIC.TILE CLG.FIN.	1170.	.00
0434512	REPAIR METAL MESH WINDOW COVER 1ST FLOOR	1162.	.00
0422225	REPLACE-FUL GLZED WD FAME SLIDING EXT DR	1156.	.00
0433413	REFINISH REPRD.WOOD SHUTTER (FRM)1ST FL.	1151.	.00
0461402	REPAIR STEEL(METAL)UNPND.EXT.STAIR RAIL.	1138.	.00
0612102	REPAIR CLAY BLOCK WALL FINISH	1134.	.00
0415X13	REFIN REPAIRED FIBRGLAS PNLS RIG 1ST FLR	1134.	.00
0427206	RPLC.FIN.ST.FRM.DBL(PND)EXT.DR	1121.	.00
09C1141	REPAIR EXHAUST FAN 25000 CFM	1095.	.00
0615906	REFINISH REPLACED WAINSCOT WALL FINISH	1093.	.00
0811L02	INSP & CLEAN SMWR HEAD-EMERG SHWR STA	1085.	.00
1122411	MAINT AND REPAIR SAFETY SWITCH FUSED 1P	1079.	.00
0311217	MEMBRANE REPLACEMENT OR REPAIR M.B./T.	1051.	.00
09A1A32	PREV MAINT CLEAN COIL-4 PIPE FAN 600 CFM	1043.	.00
0433533	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)3RD FL.	1039.	.00
0444302	REPAIR CLAY BRICK COLUMN EXTERIOR PORCH	1035.	.00
0415512	REPR.PNTD.CONCRETE BRICK EXT.WALL 1ST FL	1023.	.00
0443204	REFINISH WOOD SUPPORTS EXTERIOR PORCH	994.	.00
0432736	RFN.RPLC.STL.FRM(DBL)FIX.EXT.WDW.3RD+FL.	990.	.00
09C1131	REPAIR EXHUAST FAN 10000 CFM	988.	.00
0531146	REFIN.REPLCD.STEEL(INSL.CORE)PNT.INT.DR.	969.	.00
0415L32	REPAIR STEEL(PAINTED)EXT. 3RD FL.	959.	.00
1122332	PREV MAINT&INSP CIRCT BREAKER,FIXD,0-599	958.	.00
0433323	REFIN.REPLCD.STEEL LOUVER (FRM) 2ND FLR.	950.	.00
0421151	REPLACE ALUM (INSUL) P&A EXT DOOR	930.	.00
1115201	MAINT & REPAIR, SWITCHGEAR,INDR AB 600V	927.	.00
0442206	REFINISH REPLACED WOOD RAILING EXT.PORCH	927.	.00
0424326	REFIN REPLACED STEEL LOUVERED EXT DOOR	917.	.00
0572203	REFIN.REPAIRED WOOD STEPS INTERIOR STAIR	910.	.00
0432612	REPR.PLAST(WD.CR)FRM.FIX.EXT.WDW.1ST FL.	909.	.00
0422122	REPAIR-FUL GLAZED ALUM FRAME SLIDING EXT	885.	.00
1122413	REPLACE SAFETY SWITCH FUSED 1P	865.	.00
0991311	REPAIR A/C PAD MOUNT. 5 TONS	858.	.00
0421131	REPLACE BRK GLAS ALUM SLIDING EXT DOOR	835.	.00
0553303	REFIN.REPAIR PLASTER SURFACE-FIREPLACE	809.	.00
0433523	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)2ND FL.	798.	.00
0432722	REPAIR STEEL FRM(DBL)FIX.EXT.WDW.2ND FL.	797.	.00
0811L01	REPACK VALVE GLANDS-EMERG SHWR STATION	786.	.00
0831151	RECHARGE SYSTEM-COMPRESSED AIR DRYER	786.	.00
0811K02	REPL WASHR IN FAUCET, LAVATORY, PLASTIC	739.	.00
0814H02	CHECK OPERATION-HOT WATER HTR.ELEC 120 G	716.	.00
0422221	REPL BRK GLAS-FUL GLAZD WD FRAME SLIDING	716.	.00
0811401	REPL WASHER IN SPUD CONNECT-LAV IRON EML	690.	.00
0443404	REFINISH STEEL(METAL) EXT. PORCH SUPPORT	683.	.00
0534213	REFIN.REPRD.ALUMIN.LOUVERED INTER. DOOR	668.	.00
0531136	REFIN.REPLCD.STEEL SLIDING PNTD.INT.DOOR	662.	.00
0422121	REPL BRK GLAS-FUL GLAZ ALUM FRAME SLIDE	656.	.00

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0461102	REPAIR WOOD RAILINGS EXTERIOR STAIRS	654.	.00
09843A1	REPAIR BROKEN INSULATION - AIR SEPARATOR	651.	.00
0619302	REPAIR CORK TILE WALL FINISH	622.	.00
0811403	REPLACE SUPPORT RODS-IRON, ENAMEL L	622.	.00
09A1151	REPAIR MULTI-ZONE UNIT- 2500 CFM	617.	.00
0813A02	INSP/CHK1 1/2HP PUMP/MOTOR OPER,LUBR-COD	593.	.00
09A1531	REPAIR VARIABLE VOLUME UNIT - 25000 CFM	585.	.00
0421341	REPL BRK GLAS STEEL(INSUL CORE)UNPNT EXT	584.	.00
0441202	REPAIR WOOD DECKING EXTERIOR PORCH	576.	.00
0443205	REPLACE WOOD SUPPORTS EXTERIOR PORCH	544.	.00
0441302	REPAIR METAL DECKING EXTERIOR PORCH	531.	.00
0531225	REPLACE STEEL(SAFETY GLS)UNPNT.INT.DOOR	525.	.00
0433423	REFIN. REPRD. WOOD SHUTTER (FRM) 2ND FL.	522.	.00
0572303	REFIN.REPARED.METAL STEPS INTERIOR STAIR	511.	.00
0811N05	UNSTOP - SHOWER, CMU	497.	.00
062D101	MINOR REPAIR TO BITUMINOUS FLOORING	480.	.00
0462202	REPAIR WOOD STEPS EXTERIOR STAIR	468.	.00
0634302	REPAIR FABRIC CEILING FINISH	468.	.00
0553104	REFINISH BRICK VENEER - FIREPLACE	466.	.00
0427806	REFIN REPLACED STEEL (SGL LEAF) GAR DOOR	465.	.00
0535306	REFIN.REPLCD.ALUM. SNGL.ROLL-UP INT.DOOR	443.	.00
0814102	CHECK OPERATION-HOT WATER HTR.ELEC 300 G	433.	.00
0432732	REPAIR STEEL FRM(DBL)FIX.EXT.WDW.3RD+FL.	420.	.00
0422224	REFIN-FUL GLAZED WD FRAME SLIDING EXT DR	420.	.00
0425306	REFIN REPLACED WOOD EXT GATE	413.	.00
09A1521	REPAIR VARIABLE VOLUME UNIT - 10000 CFM	411.	.00
0425203	REFIN REPAIRED STEEL EXT GATE (WALK&DRV)	409.	.00
0433613	REFIN. REPRD.STEEL SHUTTER (FRM) 1ST FL.	405.	.00
0442303	REFIN.REPRD.STEEL(METAL)PNT.RAIL.EXT.PCH	399.	.00
0571302	REPAIR WROUGHT IRON INTER. STAIR RAILING	397.	.00
0441303	REFINISH REPAIRED METAL DECK.EXT.PORCH	387.	.00
0814D01	REPAIR HOT WATER HTR. GAS/OIL 30 GAL.	380.	.00
0811N03	REPLACE FAUCETS-SHOWER, CMU	372.	.00
0443302	REPAIR CLAY BRICK SUPPORTS EXT. PORCH	367.	.00
1122321	REPAIR FAILED BREAKER,MC, 600 V AND OVER	362.	.00
0814002	INSP-CHK PUMP/MOTOR OPER/ALIGN >1HP, HOT	358.	.00
0425104	REFINISH ALUM EXT GATE	339.	.00
0421246	REFIN REPLACED STL(INSUL CORE) PAINT EXT	336.	.00
0425303	REFINISH REPAIRED WOODEN EXT GATE	327.	.00
0433116	REFIN REPLACD WOOD LOUVR IN FRAME 1ST FL	316.	.00
0415015	REPLACE FORMICA-VINYL EXT.1ST FL	309.	.00
0311215	FLASHING REPAIRS MOD. BIT./ THERMOPL.	307.	.00
0629201	MINOR REPAIR TO CORK TILE FLOORING	304.	.00
0534412	REPAIR METAL MESH PAINTED INTERIOR DOOR	303.	.00
09A1A31	REPAIR 4 PIPE FAN COIL UNIT - 600 CFM	300.	.00
0534216	REFIN.REPLCD.ALUMIN.LOUVERED INTER.DOOR	299.	.00
1122362	PREV MAINT CIRC. BREAKER M.C. 600V 3P	294.	.00
0443402	REPAIR STEEL(METAL)EXT. PORCH-DECK SUPPT	293.	.00
0442203	REFINISH REPAIRED WOOD RAILING EXT.PORCH	292.	.00
0814001	OVERHAUL PUMP - REPL BEARING,SEAL > 1HP	291.	.00
1114201	REPAIR TRANSFORMER,DRY,AB 15,000 V	285.	.00
0462303	REFINISH REPAIRED METAL STEPS EXT.STAIR	279.	.00
0415412	REPAIR CONCRETE BRICK EXT. WALL 1ST FL.	272.	.00
0639303	REFIN.REPRD.ASBESTOS-ACOUST.RTD.TILE FIN	270.	.00
0442104	REFINISH WROUGHT IRON RAILING EXT.PORCH	265.	.00
0622401	MINOR REPAIRS TO MARBLE FLOOR	261.	.00
0311213	MINOR MEMBRANE REPAIRS - M.B./T.	225.	.00
0553102	REPAIR BRICK VENEER - FIREPLACE	224.	.00
0811N04	RESEAL-SHOWER, CMU	221.	.00
0424122	REPAIR METAL GRATED UNPAINTED EXT DOOR	211.	.00
0981J12	INSP FOR LEAKS-STEAM CONVERTOR < 300,000	207.	.00
0425206	REFIN REPLACED STL EXT GATE (WALK&DRIVE)	202.	.00
0551302	REPAIR STONE CHIMNEY - FIREPLACES	178.	.00
0814J02	CHECK OPERATION-HOT WATER HTR.ELEC1000 G	175.	.00
0991221	REPAIR A/C WINDOW - 2 TONS	171.	.00
0461106	REFINISH REPLACED WOOD RAILING EXT.STAIR	170.	.00
0531221	BRK.GLS.RPLMT:STEEL(SAFETY)UNPT.INT.DOOR	167.	.00
1122342	PREV MAINT&INSP CIRCT BRKER, FIXD,600+	166.	.00

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120 YEARS SUMMARY

CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0813A01	OVERHAUL 1 1/2HP PUMP, REPL SEALS - COLD	164.	.00
0532226	REFIN.REPLCD.WOOD FULL-GLS.SLIDE INT.DR.	156.	.00
0421141	REPLACE BRKN GLAS ALUM (WD CORE) EXT DR	155.	.00
0813201	RESOLDER JOINT-PIPE & FITTINGS, COPPER	155.	.00
0811K01	REPL WASHER IN SPUD CONNECT-LAVTRY,PLAST	152.	.00
0311211	DEBRIS REMOVAL-HAND & VIS.INSPCT-M.B./T.	151.	.00
0415513	RFN.RPRD.PNTD.CONC.BRICK EXT.WALL 1ST FL	139.	.00
0555202	REAPIR METAL PIPE FLUE, ARCHITECT.FIRPLC	132.	.00
0811N02	REPLACE FAUCET WASHER-SHOWER CMU	126.	.00
0535406	REFIN.REPLCD.ALUMIN.DBL.ROLL-UP INT.DOOR	125.	.00
0444303	REFIN.REPRED.CLAY BRICK COLUMN EXT.PORCH	123.	.00
0424313	REFIN REPAIRED ALUM LOUVERED EXT DOOR	119.	.00
0811K03	REPLACE SUPPORT RODS, LAVATORY, PLASTIC	115.	.00
0572503	REFIN.REPRED.MASONRY STEP PNTD.INT.STAIR	110.	.00
0415012	REPAIR FORMICA-VINYL EXT.1ST FL	104.	.00
0441203	REFINISH REPAIRED WOOD DECKING EXT.PORCH	94.	.00
0443206	REFINISH REPLACED WOOD SUPPT.EXT.PORCH	90.	.00
0311214	REPAIR MOD. BITUMINOUS / THERMOPLASTIC	89.	.00
0443202	REPAIR WOOD SUPPORTS EXTERIOR PORCH	85.	.00
0311212	MOISTURE INSPECTION - M.B. /THERMOPL.	84.	.00
0462206	REFINISH REPLACE WOOD STEPS EXTER.STAIR	82.	.00
1115202	PREV MAINT &INSP SWITCHGEAR, INDR AB 600	81.	.00
0424316	REFIN REPLACED ALUM LOUVERED EXT DOOR	76.	.00
1122322	PREV MAINT &INSP CIRCUIT BREAKER,MC,600+	68.	.00
0811N01	INSPEC/CLEAN SHOWER HEAD, SHOWER, CMU	68.	.00
0433113	REFIN REPAIRD WD LOUVER IN FRAME 1ST FL	65.	.00
0461103	REFINISH REPAIRED WOOD RAILING EXT.STAIR	60.	.00
0632402	REPAIR CERAMIC (TILE) CEILING FINISH	60.	.00
0443103	REFINISH REPAIRED CONCR.SUPPT.EXT.PORCH	45.	.00
0534422	REPAIR METAL WIRE MESH UNPAINTED DOOR	41.	.00
0425106	REFINSH REPLACED ALUM EXT GATE	41.	.00
0425103	REFINISH REPAIRED ALUM EXT GATE	39.	.00
0632302	REPAIR CERAMIC (PAN) CEILING FINISH	35.	.00
0552302	REPAIR STONE MANTEL - FIREPLACE	30.	.00
0462203	REFINISH REPAIR WOOD STEPS EXTER.STAIR	29.	.00
0422226	REFIN REPLACED-FUL GLZED WD SLIDING EXT	27.	.00
0434532	REPAIR METAL MESH WINDOW COVER 3RD FLOOR	27.	.00
0424222	REPAIR METAL WIRE MESH UNPAINT EXT DOOR	26.	.00
0442102	REPAIR WROUGHT IRON RAILING EXT.PORCH	26.	.00
0571303	REFIN.REPRD.WROUGHT IRON INT.STAIR RAIL.	17.	.00
0433633	REFIN. REPRD.STEEL SHUTTER (FRM) 3RD FL.	16.	.00
0434522	REPAIR METAL MESH WINDOW COVER 2ND FLOOR	15.	.00
0553103	REFINISH REPAIRED BRICK VENEER-FIREPLACE	15.	.00
0443203	REFINISH REPAIRED WOOD SUPPORT EXT.PORCH	14.	.00
0462503	REFIN.REPRD.MASONRY STEP PNTD EXT.STAIR	13.	.00
0443303	REFIN.REPRED.CLAY BRICK SUPPT.EXT.PORCH	12.	.00
0443403	REFIN.RPRD.STEEL(METAL)EXT.PORCH SUPPORT	9.	.00
0813701	REFILL EXPANSION CHAMBER	7.	.00
0424212	REPAIR METAL WIRE MESH PAINED EXT DOOR	4.	.00
0442103	REFIN.REPRED.WROUGHT IRON RAIL.EXT.PORCH	1.	.00

APPENDIX M: Percentage of Maintenance Cost by Tasks for All Buildings

ORDERED YEARLY SUMMARY TASK REPORT

INSTALLATION: GERMANY
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120 YEARS SUMMARY

CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0000000	TOTAL DOLLAR AMOUNT FOR YEARS	1165136000.	
0311101	DEBRIS REMOVAL-HAND & VIS.INSPECT.-BLTUP	1374803.	.12
0311102	MOISTURE INSPECTION OF ROOF BUILTUP	221917.	.02
0311103	MINOR MEMBRANE REPAIRS - BUILT UP ROOF	860693.	.07
0311104	MINOR MEMBRANE REPLACEMENT - BUILTUP RF.	81941.	.01
0311105	FLASHING REPAIRS - BUILTUP ROOF	821951.	.07
0311106	PLACE NEW MEMBRANE OVER EXSTG.BUILTUP RF	1374003.	.12
0311107	MEMBRANE REMOVAL & REPLACEMT.BUILTUP RF.	1603510.	.14
0311211	DEBRIS REMOVAL-HAND & VIS.INSPCT-M.B./T.	151.	.00
0311212	MOISTURE INSPECTION - M.B. /THERMOPL.	84.	.00
0311213	MINOR MEMBRANE REPAIRS - M.B./T.	225.	.00
0311214	REPAIR MOD. BITUMINOUS / THERMOPLASTIC	89.	.00
0311215	FLASHING REPAIRS MOD. BIT./ THERMOPL.	307.	.00
0311217	MEMBRANE REPLACEMENT OR REPAIR M.B./T.	1051.	.00
0311312	NON-DESTRUCTIVE MOISTURE INSPECT.-SLATE	78621.	.01
0311313	REPAIRS - SLATE ROOF	957865.	.08
0311314	MINOR TILE REPLACEMENT - SLATE ROOF	41310.	.00
0311315	FLASHING REPAIRS - SLATE ROOF	28311.	.00
0311317	TOTAL ROOF REPLACEMENT - SLATE ROOF	983721.	.08
0311321	DEBRIS REMOV.BY HAND+VIS.INSP.-CEMT ASB.	728981.	.06
0311322	NON-DESTRUCT.MOISTURE INSPECT.-CEMT ASB.	435201.	.04
0311323	REPAIR - CEMENT ASBESTOS ROOF	1929887.	.17
0311324	MINOR REPLACEMENT - CEMENT ASBESTOS	240922.	.02
0311325	FLASHING REPAIR - CEMENT ASBESTOS	925215.	.08
0311327	TOTAL ROOF REPLACEMENT - CEMENT ASBESTOS	783296.	.07
0311331	DEBRIS REMOV.BY HAND & VISUAL INSP.-TILE	984367.	.08
0311332	NON-DESTRUCTIVE MOISTURE INSPECT.- TILE	587666.	.05
0311333	REPAIR - TILE ROOFING	1058728.	.09
0311334	MINOR REPLACEMENT - TILE ROOF	2281693.	.20
0311335	FLASHING REPAIR - TILE ROOF	1297585.	.11
0311337	TOTAL ROOF REPLACEMENT - TILE ROOF	2950220.	.25
0311341	DEBRIS REMOV.BY HAND & VIS.INSP.-ROLL RF	2715951.	.23
0311342	NON-DESTSRUCT.MOISTURE INSPECT-ROLL RFG.	1473590.	.13
0311343	MINOR ROOFING REPAIR - ROLL ROOFING	24144770.	2.07
0311345	FLASHING REPAIRS - ROLL ROOFING	3833382.	.33
0311347	TOTAL ROOF REPLACEMENT - ROLL ROOFING	31422140.	2.70
0311351	DEBRIS REMOV.BY HAND & VIS.INSP.-SHINGLE	3774724.	.32
0311352	NON-DESTRUCTIVE MOISTURE INSP. - SHINGLE	378567.	.03
0311353	MINOR REPAIRS - SHINGLED ROOF	9247921.	.79
0311354	MINOR REPLACEMENT - SHINGLED ROOF	1437799.	.12
0311355	FLASHING REPAIRS - SHINGLED ROOF	5875157.	.50
0311356	REPLACE NEW OVER EXISTING-SHINGLED RFG.	7677848.	.66
0311357	REMOVAL AND REPLACEMENT OF SHINGLED ROOF	11684560.	1.00
0311361	DEBRIS REMOV.BY HAND+VIS.INSP.-METAL RFG	993235.	.09
0311362	NON-DESTRUCT.MOISTURE INSPECT.-METAL RFG	602192.	.05
0311363	MINOR REPAIRS - METAL ROOF	288235.	.02
0311364	MINOR REPLACEMENT - METAL ROOF	403770.	.03
0311365	FLASHING REPLACEMENT - METAL ROOF	1779924.	.15
0311367	TOTAL METAL PANEL REPLACEMENT-METAL ROOF	24064230.	2.07
0311371	DEBRIS REMOVE HAND&VIS INSP-RIG FIBERGLS	19944.	.00
0311372	MOISTURE INSP. NON-DEST.-RIGID FIBERGLS	38891.	.00
0311373	MINOR REPAIRS - RIGID FIBERGLASS ROOF	348962.	.03
0311374	MINOR REPLACE - RIGID FIBERGLASS ROOFING	308449.	.03
0311375	FLASHING REPAIR -RIGID FIBERGLAS ROOF	67457.	.01
0311377	TOTAL ROOF REPLACE.-RIGID FIBERGLAS ROOF	1428173.	.12
0311411	DEBRIS REMOVE HAND&VIS INSP-CONC SEAL PN	107674.	.01
0311412	MOISTURE INSP NON-DEST CONC, SEAL PANEL	18373.	.00
0311413	MINOR REPAIRS - CONC,SEALED PANEL ROOF	49687.	.00
0311414	MINOR REPLACE - CONC, SEALED PANEL ROOF	32660.	.00
0311415	FLASHING REPAIR - CONC, SEALED PANEL RF	27610.	.00
0311421	DEBR REMVAL HAND&VIS INSP-CONC,SEAL PIP	33456.	.00
0311422	MOIST INSP NON-DEST - CONC, SEAL PIP	5709.	.00
0311423	MINOR REPAIRS - CONC, SEAL, POUR IN PL	15754.	.00
0311424	MINOR REPAIRS - CONC,SEAL, POUR IN PL	10207.	.00
0311425	FLASHING REPAIRS - CONC, SEAL POUR IN PL	8681.	.00
0311431	DEBRIS REMOVE HAND&VIS INSP-RGD FIBERGLS	13346.	.00
0311432	MOISTURE INSP, NON-DEST RIGID FIBERGLAS	2081.	.00

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120 YEARS SUMMARY

CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0311433	MINOR REPAIRS - RIGID FIBERGLASS ROOF	19601.	.00
0311434	MINOR REPLACE - RIGID FIBERGLASS ROOF	17869.	.00
0311435	FLASHING REPAIRS - RIGID FIBERGLASS ROOF	3689.	.00
0311437	TOTAL ROOF REPLACE - RIGID FIBERGLAS RF	81710.	.01
0415212	REPAIR CLAY BRICK EXTERIOR WALL -1ST FL.	380787.	.03
0415222	REPAIR CLAY BRICK EXTERIOR WALL-2ND FL.	431735.	.04
0415232	REPAIR CLAY BRICK EXTERIOR WALL-3RD+ FL.	434832.	.04
0415312	REPAIR PNTD CLAY BRICK EXT.WALL 1ST FL.	32940.	.00
0415313	REFIN.REPAIR.PNTD CLAY BRICK EXT.1ST FL.	8916.	.00
0415314	REFIN.PNTD CLAY BRICK EXT.WALL 1ST FL.	194452.	.02
0415322	REPAIR PNTD CLAY BRICK EXT.WALL 2ND FL.	12191.	.00
0415323	REFIN.REPAIR.PNTD.CLAY BRICK EXT.2ND FL.	5408.	.00
0415324	REFIN. PNTD. CLAY BRICK EXT.WALL 2ND FL.	65433.	.01
0415332	REPAIR PNTD.CLAY BRICK EXT.WALL 3RD+FLS.	20030.	.00
0415333	REFIN.REPAIR PNTD.CLAY BRICK EXT.3RD+FL.	10482.	.00
0415334	REFIN. PNTD.CLAY BRICK EXT.WALL 3RD+FLS.	115700.	.01
0415412	REPAIR CONCRETE BRICK EXT. WALL 1ST FL.	272.	.00
0415512	REPR.PNTD.CONCRETE BRICK EXT.WALL 1ST FL	1023.	.00
0415513	RFN.RPRD.PNTD.CONC.BRICK EXT.WALL 1ST FL	139.	.00
0415514	REFN.PNT.CONCRETE BRICK EXT.WALL 1ST FL.	5979.	.00
0415812	REPAIR CONCRETE BLOCK EXT.WALL 1ST FL.	2360.	.00
0415822	REPAIR CONCRETE BLOCK EXT.WALL 2ND FL.	4959.	.00
0415832	REPAIR CONCRETE BLOCK EXT.WALL 3RD+ FL.	3320.	.00
0415912	REPR.PNTD.CONCR. BLOCK EXT.WALL 1ST FL.	16907.	.00
0415913	RFN.RPR.PNTD.CONCR.BLOCK EXT.WALL 1ST FL	8113.	.00
0415914	REFIN.PNTD.CONCR.BLOCK EXT.WALL 1ST FL.	354803.	.03
0415922	REPR.PNTD.CONCRETE BLOCK EXT.WALL 2ND FL	19966.	.00
0415923	RFN.RPR.PNTD.CONC.BLOCK EXT.WALL 2ND FL.	16810.	.00
0415924	REFIN.PNTD.CONCR. BLOCK EXT.WALL 2ND FL.	205445.	.02
0415932	REPR.PNTD.CONCR.BLOCK EXT.WALL 3RD FL.	8933.	.00
0415933	RFN.RPR.PNTD.CONC.BLOCK EXT.WALL 3RD+FL.	7829.	.00
0415934	REFIN.PNTD.CONCR. BLOCK EXT.WALL 3RD+FL.	91667.	.01
0415A12	REPAIR CONCRETE EXT. WALL 1ST FLOOR	393681.	.03
0415A13	REFIN.REPAIRED CONCRETE EXT.WALL 1ST FL.	28265.	.00
0415A14	REFINISH CONCRETE EXT.WALL 1ST FLOOR	1275773.	.11
0415A22	REPAIR CONCRETE EXT.WALL 2ND FLOOR	224309.	.02
0415A23	REFIN.REPAIRED CONCRETE EXT.WALL 2ND FL.	62135.	.01
0415A24	REFINISH CONCRETE EXT.WALL 2ND FLOOR	792242.	.07
0415A32	REPAIR CONCRETE EXT. WALL 3RD+ FLOOR	91979.	.01
0415A33	REFIN.REPAIRED [illegible]CRETE EXT.WALL 3RD+FL.	30932.	.00
0415A34	REFINISH CONCRE[illegible] EXT.WALL 3RD+ FLRS.	380527.	.03
0415B12	REPAIR STONE EXT[illegible]RIOR WALL - 1ST FLOOR	226977.	.02
0415B22	REPAIR STONE EXTERIOR WALL - 2ND FLOOR	24291.	.00
0415B32	REPAIR STONE EXTERIOR WALL - 3RD+ FLOORS	16004.	.00
0415C12	REPAIR STUCCO EXTERIOR WALL - 1ST FLOOR	1016905.	.09
0415C13	REFIN. REPAIRED STUCCO EXT.WALL 1ST FL.	379876.	.03
0415C14	REFINISH STUCCO EXT. WALL 1ST FLOOR	13739980.	1.18
0415C22	REPAIR STUCCO EXTERIOR WALL - 2ND FLOOR	2297821.	.20
0415C23	REFIN.REPAIRED STUCCO EXT.WALL 2ND FLOOR	1785835.	.15
0415C24	REFINISH STUCCO EXT. WALL 2ND FLOOR	18264450.	1.57
0415C32	REPAIR STUCCO EXTERIOR WALL -3RD+ FLOORS	2425917.	.21
0415C33	REFIN.REPAIRED STUCCO EXT.WALL 3RD+ FLS.	1992751.	.17
0415C34	REFINISH STUCCO EXT.WALL 3RD + FLOORS	18415950.	1.58
0415E12	REPR. WOOD FIN.(SINGLE.COAT) EXT.1ST FL	23318.	.00
0415E13	REFIN.REPAIR WOOD FIN(SINGLE CT)1ST FL.	8138.	.00
0415E14	REFINISH WOOD FIN. (SINGLE COAT) 1ST FL.	609363.	.05
0415E15	REPLACE WOOD FIN(SINGLE.COAT)EXT.1ST FL.	200189.	.02
0415E16	REFIN.REPLACED WOOD FIN(SGL.COAT)1ST FL.	30625.	.00
0415E22	REPAIR WOOD FIN.(SINGLE.COAT)EXT.2ND FL.	45409.	.00
0415E23	REFIN.REPAIR.WOOD FIN.(SGL.COAT) 2ND FL.	33383.	.00
0415E24	REFIN.WOOD FINISH(SINGLE COAT) 2ND FLR.	689047.	.06
0415E25	REPLACE WOOD FIN(SINGLE COAT)EXT.2ND FL.	154142.	.01
0415E26	REFIN.REPLACE WOOD FIN(SGL. COAT)2ND FL.	30515.	.00
0415E32	REPAIR WOOD FIN.(SINGLE COAT)EXT.3RD FL.	49087.	.00
0415E33	REFIN.REPAIR WOOD FIN(SGL.COAT)3RD FLR.	39022.	.00
0415E34	REFIN WOOD FIN(SINGLE COAT)EXT.3RD FL.	712667.	.06
0415E35	REPLACE WOOD FIN(SINGLE COAT)EXT.3RD FL.	146576.	.01
0415E36	REFIN.REPLACED WOOD FIN(SGL.COAT)3RD FL.	32520.	.00

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0415F12	REPR. WOOD FIN.(MULT.COAT) EXT. 1ST FLR.	9775.	.00
0415F13	REFIN. REPR.WOOD FIN.(MULT.COAT)1ST FL.	3768.	.00
0415F14	REFN. WOOD FIN.(MULT.COAT) EXT. 1ST FLR.	181146.	.02
0415F15	RPLC. WOOD FIN.(MULT.COAT) EXT. 1ST FLR.	83475.	.01
0415F16	REFN. RPLCD. WOOD FIN.(MULT.COAT)1ST FL.	17405.	.00
0415F22	REPR. WOOD FIN.(MULT.COAT) EXT. 2ND FLR.	38447.	.00
0415F23	REFN. REPRD.WOOD FIN.(MULT.COAT)2ND FLR.	28774.	.00
0415F24	REFN. WOOD FIN.(MULT.COAT)EXT. 2ND FLR.	404542.	.03
0415F25	RPLC. WOOD FIN.(MULT.COAT) EXT. 2ND FLR.	129848.	.01
0415F26	REFN. RPLCD.WOOD FIN.(MULT.COAT)2ND FLR.	32332.	.00
0415F32	REPR. WOOD FIN.(MULT.COAT) EXT. 3RD FLR.	27248.	.00
0415F33	REFN. RPRD.WOOD FIN.(MULT.COAT)3RD FL.	22138.	.00
0415F34	REFN. WOOD FIN.(MULT.COAT)EXT.3RD FLR.	265965.	.02
0415F35	RPLC. WOOD FIN.(MULT.COAT)EXT.3RD FLR.	88705.	.01
0415F36	REFN. RPLCD.WOOD FIN.(MULT.COAT)3RD FLR.	25101.	.00
0415G12	REPR. WOOD SHAKES EXT. 1ST FLR.	8654.	.00
0415G15	REPLC. WOOD SHAKES EXT. 1ST FL.	15723.	.00
0415G22	REPAIR WOOD SHAKES EXT. 2ND FL.	8996.	.00
0415G25	REPLC. WOOD SHAKES EXT. 2ND FL.	4302.	.00
0415G32	REPAIR WOOD SHAKES EXT. 3RD+ FL.	12980.	.00
0415G35	REPLC. WOOD SHAKES EXT. 3RD+ FL	5104.	.00
0415H12	REPAIR WOOD SHAKES(FIN)EXT.1ST FL.	2435.	.00
0415H13	REFN. REPRD.WOOD SHAKE(FINISH)1ST FLR.	1909.	.00
0415H14	REFN. WOOD SHAKE(FINISH)EXT.1ST FL.	70405.	.01
0415H15	RPLC. WOOD SHAKE(FINISH)EXT.1ST FL.	5082.	.00
0415H16	REFN. RPLCD.WOOD SHAKE(FINISH)1ST FL.	3237.	.00
0415H22	REPAIR WOOD SHAKE(FINISH)EXT.2ND FL.	26681.	.00
0415H23	REFN. RPRD.WOOD SHAKE(FINISH)EXT.2ND FL.	25796.	.00
0415H24	REFN. WOOD SHAKE(FINISH)EXT.2ND FL.	263814.	.02
0415H25	RPLC. WOOD SHAKE(FINISH)EXT.2ND FL	15105.	.00
0415H26	REFN. RPLCD.WOOD SHAKE(FINISH)2ND FL.	11678.	.00
0415H32	REPR. WOOD SHAKE(FINISH)EXT.3RD FL.	29919.	.00
0415H33	REFN. RPRD.WOOD SHAKE(FINISH)3RD FLR.	29411.	.00
0415H34	REFN. WOOD SHAKE(FINISH)EXT.3RD FLR.	272926.	.02
0415H35	REPLC. WOOD SHAKE(FINISH)EXT.3RD FLR.	13676.	.00
0415H36	REFN.REPLCD.WOOD SHAKE(FINISH)3RD FLR.	11854.	.00
0415I12	REPAIR ALUMINUM SIDING EXT.1ST FL.	10351.	.00
0415I13	REFIN.REPRD.ALUMINUM SIDING EXT.1ST FL.	5507.	.00
0415I14	REFINISH ALUMINUM SIDING EXT.FIN.1ST FL.	146628.	.01
0415I15	REPLACE ALUMINUM SIDING EXT.1ST FL	28671.	.00
0415I16	REFIN.REPLCD.ALUMINUM SIDING EXT.1ST FL.	6557.	.00
0415I22	REPAIR ALUMINUM SIDING EXT.2ND FL.	53773.	.00
0415I23	REFIN.REPRD.ALUMINUM SIDING EXT. 2ND FL.	46824.	.00
0415I24	REFINISH ALUMINUM SIDING EXT.FIN.2ND FL.	338645.	.03
0415I25	REPLACE ALUMINUM SIDING EXT.2ND FL	46378.	.00
0415I26	REFIN.REPLCD.ALUMINUM SIDING EXT.2ND FL.	14595.	.00
0415I32	REPAIR ALUMINUM SIDING EXT.3RD FL.	81269.	.01
0415I33	REFIN.REPRD.ALUMINUM SIDING EXT.3RD FL.	73650.	.01
0415I34	REFINISH ALUMINUM SIDING EXT.FIN.3RD.FL.	500154.	.04
0415I35	REPLACE ALUMINUM SIDING EXT.3RD FL	55349.	.00
0415I36	REFIN.REPLCD.ALUMINUM SIDING EXT.3RD FL.	21191.	.00
0415J12	REPAIR ALUMINUM SIDING(ANDZ)EXT.1ST FL.	11882.	.00
0415J15	REPLACE ALUMINUM SIDING(ANDZ)EXT.1ST FL.	75149.	.01
0415J22	REPAIR ALUMINUM SIDING(ANDZ)EXT.2ND FL.	38830.	.00
0415J25	REPLACE ALUMINUM SIDING(ANDZ)EXT.2ND FL.	83172.	.01
0415J32	REPAIR ALUMINUM SIDING(ANDZ)EXT.3RD FL.	53013.	.00
0415J35	REPLACE ALUMINUM SIDING(ANDZ)EXT.3RD FL.	88955.	.01
0415K12	REPAIR STEEL(SELF-COATING)EXT.1ST FL.	14247.	.00
0415K22	REPAIR STEEL(SELF-COATING)EXT.2ND FL.	1541.	.00
0415L12	REPAIR STEEL(PAINTED)EXT. 1ST FL.	23254.	.00
0415L13	REFIN.REPAIR.STEEL(PNTD)EXT.1ST FL.	36084.	.00
0415L14	REFIN. STEEL(PAINTED)EXT. 1ST FL.	488755.	.04
0415L22	REPAIR STEEL(PAINTED)EXT.2ND FL.	10035.	.00
0415L23	REFIN.REPAIR.STEEL(PAINTD)EXT.2ND FL.	30355.	.00
0415L24	REFIN. STEEL (PNTD) EXT. FIN. 2ND FLR.	231307.	.02
0415L32	REPAIR STEEL(PAINTED)EXT. 3RD FL.	959.	.00
0415L33	REFIN.REPAIR STEEL(PAINTD)EXT.3RD FL.	4442.	.00
0415L34	REFIN. STEEL(PAINTED)EXT. 3RD FL.	39321.	.00

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0415M12	REPAIR GLASS BLOCK EXT.1ST FL	3099.	.00
0415M22	REPAIR GLASS BLOCK EXT. 2ND FL	1254.	.00
0415N12	REPAIR PLATE GLASS EXT.1ST FL	23145.	.00
0415N22	REPAIR PLATE GLASS EXT. 2ND FL	9971.	.00
0415N32	REPAIR PLATE GLASS EXT.3RD+ FL	636880.	.05
0415O12	REPAIR FORMICA-VINYL EXT.1ST FL	104.	.00
0415O15	REPLACE FORMICA-VINYL EXT.1ST FL	309.	.00
0415O22	REPAIR FORMICA-VINYL EXT.2ND FL	2648.	.00
0415O25	REPLACE FORMICA-VINYL EXT.2ND FL	1947.	.00
0415P12	REPAIR ASBESTOS EXT. WALL 1ST FL.	3523.	.00
0415P15	REPLACE ASBESTOS EXT.WALL 1ST FL.	6831.	.00
0415P22	REPAIR ASBESTOS EXT.WALL 2ND FL.	28175.	.00
0415P25	REPLACE ASBESTOS EXT.WALL 2ND FL.	13613.	.00
0415S12	REPAIR PORCELAIN EXT. PANELS 1ST FL.	10477.	.00
0415S15	REPLACE PORCELAIN EXT.PANELS 1ST FL.	7374.	.00
0415T12	REPAIR ALUMINUM CORR PANELS-FIRST FLOOR	29333.	.00
0415T15	REPLACE ALUM CORR PANELS - FIRST FLOOR	90145.	.01
0415T22	REPAIR ALUM CORR PANEL - 2ND FLOOR	72322.	.01
0415T25	REPLACE ALUM CORR PANEL - 2ND FLOOR	66544.	.01
0415T32	REPAIR ALUMINUM CORR PANELS - 3RD FLOOR	59597.	.01
0415T35	REPLACE ALUM CORR PANELS - 3RD FLOOR	46006.	.00
0415U12	REPAIR EXTERIOR GYP BRD - PAINTED 1ST FL	3567.	.00
0415U13	REFIN REPAIRED EXT GYP BRD-PAINT 1ST FL	2151.	.00
0415U14	REFIN EXT GYP BRD - PAINTED 1ST FLOOR	73714.	.01
0415U15	REPLACE EXT GYP BRD - PAINTED 1ST FLOOR	9055.	.00
0415U16	REFIN REPL EXT GYP BRD - PAINTED 1ST FLR	3227.	.00
0415U22	REPAIR EXT GYP BRD - PAINTED 2ND FLOOR	24236.	.00
0415U23	REFIN REPARED EXT GYP BRD-PAINTED 2ND FL	21884.	.00
0415U24	REFIN EXT GYP BRD - PAINTED 2ND FLOOR	204508.	.02
0415U25	REPLACE EXT GYP BRD - PAINTED 2ND FLOOR	17796.	.00
0415U26	REFIN REPL EXT GYP BRD - PAINTED 2ND FLR	7128.	.00
0415U32	REPAIR EXT GYP BRD - PAINTED 3RD FLOOR	33942.	.00
0415U33	REFIN REPAIRD EXT GYP BRD-PAINTED 3RD FL	28435.	.00
0415U34	REFINISH EXTER. GYPSUM BRD. PNTD 3RD FL.	251516.	.02
0415U35	REPL EXT GYP BRD - PAINTED 3RD FLOOR	17951.	.00
0415U36	REFIN REPL EXT GYP BRD - PAINTED 3RD FL	8676.	.00
0415X12	REPAIR FIBERGLAS PANELS - 1ST FLOOR	1716.	.00
0415X13	REFIN REPAIRED FIBRGLAS PNLS RIG 1ST FLR	1134.	.00
0415X14	REFIN FIBRGLAS PANELS - RIGID 1ST FLOOR	25987.	.00
0415X22	REPAIR FIBRGLAS PANELS RIGID 2ND FLOOR	56258.	.00
0415X23	REFIN REPRD.FIBRGLAS PANEL RGD 2ND FLR.	52075.	.00
0415X24	REFINISH FIBRGLAS PANELS RIGID 2ND FLOOR	327823.	.03
0415X32	REPAIR FIBRGLAS PANEL RIGID 3RD FLOOR	43595.	.00
0415X33	REFIN REPAIRED FIBRGLAS PNLS RIG 3RD FLR	41109.	.00
0415X34	REFINISH FIBRGLAS PANELS RIGID 3RD FLOOR	266477.	.02
0421112	REPAIR ALUMINIUM (P/A) EXTERIOR DOOR	39123.	.00
0421115	REPLACE ALUMINIUM (P/A) EXTERIOR DOOR	15549.	.00
0421121	REPL BRK GLAS-ALUM(SAFTY GLS) PLN&EXT DR	21077.	.00
0421122	REPAIR ALUM (SFTY GLS) PL&EXT DOOR	219857.	.02
0421125	REPLACE ALUM (SAFTY GLAS) PL & EXT DOOR	112409.	.01
0421131	REPLACE BRK GLAS ALUM SLIDING EXT DOOR	835.	.00
0421132	REPAIR ALUM SLIDING EXT DOOR	25024.	.00
0421135	REPLACE ALUM SLIDING EXT DOOR	13538.	.00
0421141	REPLACE BRKN GLAS ALUM (WD CORE) EXT DR	155.	.00
0421142	REPAIR ALUM (WOOD CORE) EXT DOOR	2141.	.00
0421145	REPLACE ALUM (WOOD CORE) EXT DOOR	1294.	.00
0421151	REPLACE ALUM (INSUL) P&A EXT DOOR	930.	.00
0421152	REPAIR ALUM (INSUL) P&A EXT DOOR	12847.	.00
0421155	REPLACE ALUM (INSUL) P&A EXT DOOR	7684.	.00
0421212	REPAIR STEEL (PAINTED) EXTERIOR DOORS	1660205.	.14
0421214	REFINISH STEEL (PAINTED) EXTERIOR DOOR	653023.	.06
0421215	REPLACE STEEL (PAINTED) EXTERIOR DOOR	246972.	.02
0421216	REFIN. REPLACED STEEL (PAINT) EXT. DOOR	23028.	.00
0421221	REPL BRK GLAS-STEEL(SAFTY GLAS)PAINT EXT	69659.	.01
0421222	REPAIR STEEL (SAFTY GLAS)PAINTED EXT	572434.	.05
0421224	REFIN STEEL(SAFTY GLAS) PAINTED EXT DR	262432.	.02
0421225	REPLACE STEEL(SAFTY GLAS) PAINT EXT DR	125419.	.01
0421226	REFIN REPLACED STL(SAFTY GLAS) PAINT EXT	9158.	.00

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0421232	REPAIR STEEL SLIDING PAINTED EXT DOOR	351617.	.03
0421234	REFIN STEEL SLIDING PAINTED EXT DOOR	74802.	.01
0421235	REPLACE STEEL SLIDING PAINTED EXT DOOR	107887.	.01
0421236	REFIN REPLACED STEEL SLIDING PAINT EXT	2600.	.00
0421241	REPL BRK GLAS-STL(INSUL CORE)PAINT EXT	2287.	.00
0421242	REPAIR STEEL (INSUL CORE) PAINTED EXT DR	20485.	.00
0421244	REFIN STEEL (INSUL CORE) PAINTED EXT DR	9675.	.00
0421245	REPLACE STEEL(INSUL CORE) PAINTED EXT DR	5609.	.00
0421246	REFIN REPLACED STL(INSUL CORE) PAINT EXT	336.	.00
0421312	REPAIR STEEL (UNPAINTED) EXTERIOR DOORS	13525.	.00
0421315	REPLACE STEEL (UNPAINTED) EXTERIOR DOORS	2898.	.00
0421321	REPL BRK GLAS STEEL(SAFTY GLAS)UNPNT EXT	2513.	.00
0421322	REPAIR STEEL(SAFTY GLAS) UNPNT EXT DR	18961.	.00
0421325	REPLACE STEEL(SAFTY GLAS) UNPNT EXT DOOR	5930.	.00
0421341	REPL BRK GLAS STEEL(INSUL CORE)UNPNT EXT	584.	.00
0421342	REPAIR STEEL(INSUL CORE) UNPNTED EXT DR	5288.	.00
0421345	REPLACE STEEL(INSUL CORE) UNPNT EXT DR	2054.	.00
0422111	BROKEN GLASS:REPLACEMENT ALUMINUM EXT.DR	38388.	.00
0422112	REPAIR ALUMINIUM EXTERIOR DOORS	396034.	.03
0422115	REPLACE ALUMINIUM EXTERIOR DOORS	227689.	.02
0422121	REPL BRK GLAS-FUL GLAZ ALUM FRAME SLIDE	656.	.00
0422122	REPAIR-FUL GLAZED ALUM FRAME SLIDING EXT	885.	.00
0422125	REPLACE-FUL GLAZD ALUM FRAME SLIDING EXT	2159.	.00
0422211	BROKEN GLASS:REPL.WOOD FRAME(PNTD)EXT.DR	15903.	.00
0422212	REPAIR WOOD FRAME EXTERIOR DOORS	273723.	.02
0422214	REFINISH WOOD FRAME (PAINTED) EXT. DOOR	24352.	.00
0422215	REPLACE WOOD FRAME (PAINTED) EXT. DOOR	46341.	.00
0422216	REFIN. REPLACED WOOD FRAME(PNTD)EXT.DOOR	1656.	.00
0422221	REPL BRK GLAS-FUL GLAZD WD FRAME SLIDING	716.	.00
0422222	REPAIR-FUL GLAZ WD FRAME SLIDING EXT DR	1251.	.00
0422224	REFIN-FUL GLAZED WD FRAME SLIDING EXT DR	420.	.00
0422225	REPLACE-FUL GLZED WD FAME SLIDING EXT DR	1156.	.00
0422226	REFIN REPLACED-FUL GLZED WD SLIDING EXT	27.	.00
0423112	REPAIR HOLLOWCORE (PAINTED) EXT.DOOR	31400.	.00
0423114	REFINISH HOLLOWCORE (PNTD)EXTERIOR DOORS	10307.	.00
0423115	REPLACE HOLLOW CORE (PAINTED) EXT. DOOR	23740.	.00
0423116	REFIN.REPLACED HOLLOW CORE (PNTD)EXT. DR	1558.	.00
0423212	REPAIR SOLID CORE (PAINTED) EXT.DOOR	151328.	.01
0423214	REFINISH SOLID CORE (PAINTED) EXT. DOOR	97445.	.01
0423215	REPLACE SOLID CORE (PAINTED) EXT. DOOR	193287.	.02
0423216	REFIN. REPLACED SOLID CORE (PNTD)EXT.DR.	10517.	.00
0423222	REPAIR SOLID CORE SLIDING WOOD EXT DR	41616.	.00
0423224	REFIN SOLID CORE SLIDING WOOD EXT DR	40115.	.00
0423225	REPLACE SOLID CORE SLIDING WOOD EXT DR	72076.	.01
0423226	REFIN REPLACED SOLID CORE SLIDING WD EXT	4425.	.00
0423231	REPL BRK GLAS SOLID CORE(SAFTY GLAS)PNT	64481.	.01
0423232	REPAIR SOLID CORE(SAFTY GLAS) PNT EXT DR	42466.	.00
0423234	REFIN SOLID CORE(SAFTY GLAS) PNT EXT DR	27366.	.00
0423235	REPLACE SOLID CORE(SAFTY GLAS)PNTD EXT	59552.	.01
0423236	REFIN REPL SOLID CORE(SFTY GLAS)PNT EXT	3009.	.00
0424112	REPAIR METAL GRATED PAINTED EXT DOOR	4428.	.00
0424114	REFINISH METAL GRATED PAINTED EXT DOOR	40295.	.00
0424122	REPAIR METAL GRATED UNPAINTED EXT DOOR	211.	.00
0424212	REPAIR METAL WIRE MESH PAINED EXT DOOR	4.	.00
0424214	REFINSH METAL WIRE MESH PAINTED EXT DOOR	4372.	.00
0424222	REPAIR METAL WIRE MESH UNPAINT EXT DOOR	26.	.00
0424312	REPAIR ALUM LOUVERED EXT DOOR	3414.	.00
0424313	REFIN REPAIRED ALUM LOUVERED EXT DOOR	119.	.00
0424314	REFINISH ALUM LOUVERED EXT DOOR	1436.	.00
0424315	REPLACE ALUM LOUVERED EXT DOOR	2928.	.00
0424316	REFIN REPLACED ALUM LOUVERED EXT DOOR	76.	.00
0424322	REPAIR STEEL LOUVERED EXT DOOR	48893.	.00
0424323	REFIN REPAIRED STEEL LOUVERED EXT DOORS	1738.	.00
0424324	REFINISH STEEL LOUVERED EXT DOOR	26095.	.00
0424325	REPLACE STEEL LOUVERED EXT DOOR	22326.	.00
0424326	REFIN REPLACED STEEL LOUVERED EXT DOOR	917.	.00
0425102	REPAIR ALUM EXT GATE (WALK & DRIVEWAY)	1436.	.00
0425103	REFINISH REPAIRED ALUM EXT GATE	39.	.00

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0425104	REFINISH ALUM EXT GATE	339.	.00
0425105	REPLACE ALUM EXT GATE (WALK & DRIVEWAY)	1811.	.00
0425106	REFINSH REPLACED ALUM EXT GATE	41.	.00
0425202	REPAIR STEEL EXT GATE (WALK & DRIVEWAY)	13070.	.00
0425203	REFIN REPAIRED STEEL EXT GATE (WALK&DRV)	409.	.00
0425204	REFINISH STEEL EXT GATE	3836.	.00
0425205	REPLACE STEEL EXT GATE (WALK & DRIVEWAY)	8342.	.00
0425206	REFIN REPLACED STL EXT GATE (WALK&DRIVE)	202.	.00
0425302	REPAIR WOOD EXT GATE (WALK & DRIVE)	33266.	.00
0425303	REFINISH REPAIRED WOODEN EXT GATE	327.	.00
0425304	REFINISH WOOD EXT GATE	1688.	.00
0425305	REPLACE WOOD EXT GATE (WALK & DRIVEWAY)	27491.	.00
0425306	REFIN REPLACED WOOD EXT GATE	413.	.00
0426112	REPAIR ALUMINIUM (P/A) EXTERIOR DOORS	132938.	.01
0426115	REPLACE ALUMINIUM (P/A) EXTERIOR DOORS	88521.	.01
0427102	REPR.STEEL FRM.SINGLE(PNTD) DR	40153.	.00
0427104	REFINISH STEEL FRAME (PAINTED) EXT. DOOR	40852.	.00
0427105	REPLACE STEEL FRAME SINGLE (PNTD)EXT.DR.	17451.	.00
0427106	REFIN.REPLC.STEEL FRM.SINGLE(PNTD)EXT.DR	1213.	.00
0427202	REPR.STEEL FRM.DBL.(PNT)EXT.DR	18732.	.00
0427204	REFN.STEEL FRM.DBL.(PND)EXT.DR	37788.	.00
0427205	REPLC.STEEL FRM.DBL(PND)EXT.DR	16042.	.00
0427206	RPLC.FIN.ST.FRM.DBL(PND)EXT.DR	1121.	.00
0427302	REPAIR ALUM SINGLE ROLL-UP EXT DOOR	58944.	.01
0427304	REFINISH ALUM SINGLE ROLL-UP EXT DOOR	28976.	.00
0427305	REPLACE ALUM SINGLE ROLL-UP EXT DOOR	18237.	.00
0427306	REFIN REPLACED ALUM SINGLE ROLL-UP DOOR	1647.	.00
0427402	REPAIR ALUM DOUBLE ROLL-UP EXT DOOR	49120.	.00
0427404	REFINISH ALUM DOUBLE ROLL-UP EXT DOOR	50625.	.00
0427405	REPLACE ALUM DOUBLE ROLL-UP EXT DOOR	39007.	.00
0427406	REFIN REPLACED ALUM DBL ROLL-UP EXT DOOR	2878.	.00
0427702	REPAIR ALUM(SINGLE LEAF) SPRNG GARAGE DR	42183.	.00
0427704	REFIN ALUM(SGL LEAF) SPRING GARAGE DOOR	31153.	.00
0427705	REPLACE ALUM (SGL LEAF) SRING GARAGE DR	28491.	.00
0427706	REFIN REPLACED ALUM (SGL LEAF) GAR DOOR	3175.	.00
0427802	REPAIR STEEL (SGL LEAF) SPRING GARAGE DR	10797.	.00
0427804	REFINISH STEEL (SGL LEAF) SPRING GAR DR	9354.	.00
0427805	REPLACE STEEL (SGL LEAF) SPRING GAR DOOR	2485.	.00
0427806	REFIN REPLACED STEEL (SGL LEAF) GAR DOOR	465.	.00
0431111	BROKEN GLASS:REPLACEMT.ALUM.WND.1ST FL.	80103.	.01
0431112	REPAIR ALUMINIUM EXTERIOR WND. 1ST FL.	14417.	.00
0431115	REPLACE ALUMINIUM EXTERIOR WND. 1ST FL.	225023.	.02
0431121	BROKEN GLASS:REPLCMT.ALUM.WND.EXT.2ND FL	57382.	.00
0431122	REPAIR ALUMINIUM EXTERIOR WND. 2ND FL.	9117.	.00
0431125	REPLACE ALUMINIUM EXTERIOR WNDW. 2ND FL.	117403.	.01
0431131	BROKEN GLASS:REPLCMT.ALUM.EXT.WDW.3RD+FL	228539.	.02
0431132	REPAIR ALUMINUM EXTERIOR WDW. 3RD+FL.	7342.	.00
0431135	REPLACE ALUMINIUM EXTERIOR WDW. 3RD+ FL.	82466.	.01
0431211	BROKEN GLASS:REPLMNT.STEEL FRM.1ST FL.	326668.	.03
0431212	REPAIR STEEL FRM.(PNT)OPER.WNDW.1ST FLR.	88826.	.01
0431214	REFINISH STEEL FRM.(PAINT)EXT.WDW.1ST FL	787099.	.07
0431215	REPLACE STEEL FRM.(PNTD)EXT.WDW. 1ST FL.	1154393.	.10
0431216	REFIN.REPLCD.STEEL FRM.(PNTD)WDW.1ST FL.	31565.	.00
0431221	BRKN.GLS:RPLMT.STL.FRM(PNTD)EXT. 2ND FL.	131109.	.01
0431222	REPAIR STEEL FRM.(PNT)OPER.WNDW.2ND FLR.	30828.	.00
0431224	REFINISH STEEL FRAME(PNTD)EXT.WDW.2ND FL	1291789.	.11
0431225	REPLACE STEEL FRM(PNTD)EXT. WDW. 2ND FL.	350404.	.03
0431226	REFIN.RPLC.STEEL FRM(PNTD)EXT.WDW.2ND FL	51940.	.00
0431231	BR.GLS:REPLMNT.STEEL FRM(PNTD)EXT.3RD+FL	134714.	.01
0431232	REPAIR STEEL FRM.(PNT)OPER.WNDW.3RD+ FL.	32269.	.00
0431234	REFINISH STEEL FRM(PNTD)EXT.WDW. 3RD+FL.	1695083.	.15
0431235	REPLACE STEEL FRM(PNTD)EXT.WDW. 3RD+FL.	322535.	.03
0431236	REFN.RPLCD.STEEL FRM(PNTD)EXT.WDW.3RD+FL	68208.	.01
0431311	BR.GLS:RPLMT.WOOD FRM(PNT)EXT.WDW.1ST FL	533898.	.05
0431312	REPAIR WOOD FRM.(PNT)OPER.WNDW.1ST FLR.	117050.	.01
0431314	REFINISH WOOD FRAME(PNTD)EXT.WDW.1ST FL.	1982130.	.17
0431315	REPLACE WOOD FRM(PNTD)EXT.WDW.1ST FL.	2780383.	.24
0431316	REFIN.RPLCD.WOOD FRM(PNTD)EXT.WDW.1ST FL	157757.	.01

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0431321	BRKN.GLS:RPLMNT.WOOD FRM(PNT)EXT.2ND FL.	550987.	.05
0431322	REPAIR WOOD FRM.(PNT)OPER.WNDW. 2ND FLR.	99366.	.01
0431324	REFINISH WOOD FRAME(PNTD)EXT.WDW.2ND FL.	6747027.	.58
0431325	REPLACE WOOD FRAME(PNTD)EXT.WDW.2ND FL.	1978601.	.17
0431326	REFIN.RPLCD.WOOD FRM(PNT)EXT.WDW.2ND FL.	536942.	.05
0431331	BRKN GLS:RPLMNT.WOOD FRM(PNT)EXT.3RD+FL.	397300.	.03
0431332	REPAIR WOOD FRM.(PNT)OPER.WNDW. 3RD+ FL.	74081.	.01
0431334	REFINISH WOOD FRM(PNTD)EXT.WDW.3RD+FL.	5928696.	.51
0431335	REPLACE WOOD FRM(PNTD)EXT.WDW.3RD+FLS.	1291601.	.11
0431336	REFIN.REPLCD.WOOD FRM(PNT)EXT.WDW.3RD+FL	471965.	.04
0431411	BR.GLS:REPL.PLAST.(WD.CR)FRM.EXT.1ST FL.	22085.	.00
0431412	REPR.PLASTIC(WD.CORE)FRM.EXT.WDW.1ST FL.	8786.	.00
0431415	REPLC.PLASTIC(WD.CORE)FRM.EXT.WDW.1ST FL	79614.	.01
0431421	BR.GLS:RPLMNT.PLAS.(WD.CR)FRM.EXT.2ND FL	24475.	.00
0431422	REPR.PLASTIC(WD.CORE)FRM.EXT.WDW.2ND FL.	7898.	.00
0431425	REPLC.PLAS.(WD.CORE)FRM.EXT.WDW.2ND FL.	60354.	.01
0431431	BR.GLS:RPLMNT.PLAS(WD.CR)FRM.EXT.3RD FL.	42599.	.00
0431432	REPAIR PLAS(WD.CORE)FRM.EXT.WDW.3RD+FL.	14013.	.00
0431435	REPLACE PLAS(WD.CORE)FRM.EXT.WDW.3RD+FL.	93425.	.01
0431511	BRKN GLS:REPLMNT.GLASS BLOCK EXT.1ST FL.	53528.	.00
0431512	REPAIR GLASS BLOCK EXT.WDW. 1ST FL.	100268.	.01
0431515	REPLACE GLASS BLOCK EXT. WDW. 1ST FLOOR	259136.	.02
0431521	BRKN.GLS:REPLMNT.GLASS BLOCK EXT.1ST FL.	14478.	.00
0431522	REPAIR GLASS BLOCK EXT. WDW. 2ND FLOOR	71965.	.01
0431525	REPLACE GLASS BLOCK EXT. WDW. 2ND FLOOR	50395.	.00
0431531	BRKN.GLS:REPLMNT.GLASS BLOCK EXT.3RD+FL.	22638.	.00
0431532	REPAIR GLASS BLOCK EXT. WDW. 3RD +FLOORS	137588.	.01
0431535	REPLACE GLASS BLOCK EXT. WDW. 3RD+FLOORS	66611.	.01
0431611	BRKN.GLS:RPLMNT.ALUM.(DBL)EXT.1ST FL.	346045.	.03
0431612	REPAIR ALUMINUM(DOUBLE)EXT.WDW.1ST FL.	36192.	.00
0431615	REPLACE ALUMINIUM(DOUBLE)EXT.WDW.1ST FL.	631126.	.05
0431621	BRKN.GLS:RPLMNT.ALUM.(DBL)EXT.2ND FL.	316039.	.03
0431622	REPAIR ALUMINUM(DOUBLE)EXT.WDW.2ND FL.	33714.	.00
0431625	REPLACE ALUMINUM(DOUBLE)EXT.WDW.2ND FL.	488294.	.04
0431631	BRKN.GLS:REPLMNT.ALUM.(DBL)EXT.3RD+FLS.	392678.	.03
0431632	REPAIR ALUMINUM(DOUBLE)EXT.WDW. 3RD+FLS.	46322.	.00
0431635	REPLACE ALUMINUM(DOUBLE)EXT.WDW.3RD+FLS.	577099.	.05
0431711	BRKN.GLS:RPLMT.STEEL.FRM(DBL)EXT.1ST FL.	110344.	.01
0431712	REPAIR STEEL FRM.(DBL)OPER.WNDW.1ST FLR.	17774.	.00
0431714	REFINISH STEEL FRAME(DBL)EXT.WDW.1ST FL.	149517.	.01
0431715	REPLACE STEEL FRAME(DBL)EXT.WDW.1ST FL.	263802.	.02
0431716	REFIN.REPLC.STEEL FRM.(DBL)EXT.1ST FL.	6013.	.00
0431721	BRKN.GLS:RPLMT.STEEL FRM(DBL)EXT.2ND FL.	14505.	.00
0431722	REPAIR STEEL FRM.(DBL)OPER.WNDW. 2ND FL.	2253.	.00
0431724	REFINISH STEEL FRAME(DBL)EXT.WDW.2ND FL.	86733.	.01
0431725	REPLACE STEEL FRAME(DBL)EXT.WDW. 2ND FL.	27943.	.00
0431726	REFN.REPLC.STEEL FRM(DBL)EXT.WDW.2ND FL.	3490.	.00
0431811	BRKN.GLS:RPLMNT.WOOD FRM(DBL)EXT.1ST FL.	269121.	.02
0431812	REPAIR WOOD FRM.(DBL)EXT. WNDW. 1ST FL.	33641.	.00
0431814	REFINISH WOOD FRAME(DBL)EXT.WDW.1ST FL.	1092208.	.09
0431815	REPLACE WOOD FRAME(DBL)EXT.WDW. 1ST FL.	902881.	.08
0431816	REFIN.REPLC.WOOD FRM(DBL)EXT.WDW.1ST FL.	86970.	.01
0431821	BRKN.GLS:RPLMNT.WOOD FRM(DBL)EXT.2ND FL.	373132.	.03
0431822	REPAIR WOOD FRM.(DBL)EXT. WNDW. 2ND FL.	45993.	.00
0431824	REFINISH WOOD FRAME(DBL)EXT.WDW.2ND FL.	3565245.	.31
0431825	REPLACE WOOD FRAME(DBL)EXT.WDW.2ND FL.	1037759.	.09
0431826	REFIN.REPLC.WOOD FRM(DBL)EXT.WDW.2ND FL.	283897.	.02
0431831	BRKN.GLS:RPLMNT.WOOD FRM(DBL)EXT.3RD+FL.	492208.	.04
0431832	REPAIR WOOD FRM.(DBL)EXT. WNDW. 3RD+ FL.	65386.	.01
0431834	REFINISH WOOD FRAME(DBL)EXT.WDW.3RD+FLS.	5727165.	.49
0431835	REPLACE WOOD FRAME(DBL)EXT.WDW.3RD+FLS.	1262346.	.11
0431836	REFIN.REPLC.WOOD FRM(DBL)EXT.WDW.3RD+FL.	455973.	.04
0431911	BRKN.GLS:RPLMT.PLASTIC(WD.CR)EXT.1ST FL.	136500.	.01
0431912	REPR.PLAST(WD.CR)FRM.DBL.EXT.WDW.1ST FL.	33617.	.00
0431915	RPLC.PLAST(WD.CR)FRM.DBL.EXT.WDW.1ST FL.	313152.	.03
0431921	BRKN.GLS:RPLMT.PLASTIC(WD.CR)EXT.2ND FL.	141608.	.01
0431922	REPR.PLAST(WD.CR)FRM.DBL.EXT.WDW.2ND FL.	33431.	.00
0431925	RPLC.PLAST(WD.CR)FRM.DBL.EXT.WDW.2ND FL.	256383.	.02

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0431931	BRKN.GLS:RPLMT.PLASTIC(WD.CR)EXT.3RD+FL.	192482.	.02
0431932	REPR.PLAST(WD.CR)FRM.DBL.EXT.WDW.3RD+FL.	49162.	.00
0431935	RPLC.PLAST(WD.CR)FRM.DBL.EXT.WDW.3RD+FL.	328296.	.03
0432111	BRKN.GLS:RPLMNT.ALUM.FIX.EXT.WDW.1ST FL.	11018.	.00
0432112	REPAIR ALUMINUM FIX.EXT.WDW.1ST FLOOR	[illegible]42.	.00
0432115	REPLACE ALUMINUM FIX.EXT.WDW.1ST FLOOR	27632.	.00
0432121	BRKN.GLS:REPLMT.ALUM.FIX.EXT.WDW.2ST FL.	29106.	.00
0432122	REPAIR ALUMINUM FIX.EXT.WDW.2ND FLOOR	4534.	.00
0432125	REPLACE ALUMINUM FIXED EXT.WDW.2ND FLOOR	53924.	.00
0432131	BRKN.GLS:REPLMT ALUM.FIX.EXT.WDW.3RD+FL.	10229.	.00
0432132	REPAIR ALUMINUM FIXED EXT.WDW.3RD+FLOORS	1785.	.00
0432135	REPLACE ALUMINUM FIXED EXT.WDW.3RD+FLOOR	19882.	.00
0432211	BRKN.GLS:RPLMT.STEEL FRM(PND)EXT.1ST FL.	115455.	.01
0432212	REPAIR STEEL FRAME(PNT)EXT.WDW.1ST FLOOR	23887.	.00
0432214	REFINISH STEEL FRAME(PNT)EXT.WDW.1ST FL.	274874.	.02
0432215	REPLACE STEEL FRAME(PNTD)EXT.WDW.1ST FL.	225010.	.02
0432216	REFIN.RPLC.STEEL FRM.FIX.EXT.WDW.1ST FL.	11062.	.00
0432221	BRKN.GLS:RPLMT.STEEL FRM.FIX.EXT.2ND FL.	169934.	.01
0432222	REPR.STEEL FRAME FIX.EXT.WDW.2ND FLOOR	31568.	.00
0432224	REFIN.STEEL FRAME FIX.EXT.WDW.2ND FLOOR	1627320.	.14
0432225	REPLC.STEEL FRAME FIX.EXT.WDW.2ND FLOOR	244252.	.02
0432226	REFIN.RPLC.STEEL FRM.FIX.EXT WDW.2ND FL.	65474.	.01
0432231	BRKN.GLS:RPLMT.STEEL FRM.FIX.EXT.3RD+FL.	325098.	.03
0432232	REPAR.STEEL FRAME FIX.EXT.WDW.3RD+FLOORS	63586.	.01
0432234	REFINISH STEEL FRAME FIX.EXT.WDW.3RD+FL.	3899658.	.33
0432235	REPLACE STEEL FRAME FIX.EXT.WDW.3RD+FLS.	424302.	.04
0432236	REFIN.RPLC.STEEL FRM.FIX.EXT.WDW.3RD+FL.	156899.	.01
0432311	BRKN.GLS:REPLMT.WOOD FRM.FIX.EXT.1ST FL.	211540.	.02
0432312	REPAIR WOOD FRAME FIX.EXT.WDW.1ST FLOOR	57410.	.00
0432314	REFINISH WOOD FRAME FIX.EXT.WDW.1ST FLR.	1987068.	.17
0432315	REPLACE WOOD FRAME FIX.EXT.WDW.1ST FLOOR	1958739.	.17
0432316	REFIN.RPLC.WOOD FRM.FIX.EXT.WDW.1ST FLR.	158161.	.01
0432321	BRKN.GLS:RPLMT.WOOD FRM.FIX.EXT.2ND FLR.	131112.	.01
0432322	REPAIR WOOD FRAME FIXED EXT.WDW.2ND FL.	28760.	.00
0432324	REFINISH WOOD FRAME FIX.EXT.WDW.2ND FLR.	1913238.	.16
0432325	REPLACE WOOD FRAME FIX.EXT.WDW.2ND FLOOR	853272.	.07
0432326	REFIN.RPLC.WOOD FRM.FIX.EXT.WDW.2ND FLR.	152269.	.01
0432331	BRKN.GLS:RPLMT.WOOD FRM.FIX.EXT.3RD+FLS.	38478.	.00
0432332	REPAIR WOOD FRAME FIX.EXT.WDW.3RD+FLOORS	8431.	.00
0432334	REFINISH WOOD FRAME FIX.EXT.WDW.3RD+FLS.	655161.	.06
0432335	REPLACE WOOD FRAME FIX.EXT.WDW.3RD+FLRS.	218452.	.02
0432336	REFIN.RPLC.WOOD FRM.FIX.EXT.WDW.3RD+FLS.	52141.	.00
0432411	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.1ST FL.	1838.	.00
0432412	REPR.PLAST(WD.CR)FRM.FIX.EXT.WDW.1ST FL.	909.	.00
0432415	RPLC.PLAST(WD.CR)FRM.FIX.EXT.WDW.1ST FL.	9423.	.00
0432421	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.2ND FL.	6788.	.00
0432422	REPR.PLAST(WD CR)FRM.FIX.EXT.WDW.2ND FL.	2633.	.00
0432425	RPLC.PLAST(WD.CR)FRM.FIX.EXT.WDW.2ND FL.	22977.	.00
0432431	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.3RD+FL.	7295.	.00
0432432	REPR.PLAST(WD.CR)FRM.FIX.EXT.WDW.3RD+FL.	2823.	.00
0432435	RPLC.PLAST(WD.CR)FRM.FIX.EXT.WDW.3RD FL.	21319.	.00
0432511	BRKN.GLS:REPLMNT.GLASS BLOCK FIX.1ST FL.	104403.	.01
0432512	REPAIR GLASS BLOCK FIX.EXT.WDW.1ST FLOOR	194813.	.02
0432515	REPLACE GLASS BLOCK FIX.EXT.WDW.1ST FLR.	300796.	.03
0432521	BRKN.GLS:REPLMT.GLASS BLOCK FIX.2ND FLR.	62752.	.01
0432522	REPAIR GLASS BLOCK FIX.EXT.WDW.2ND FLOOR	311730.	.03
0432525	REPLACE GLASS BLOCK FIX.EXT.WDW.2ND FLR.	136980.	.01
0432531	BRKN.GLS:REPLMNT.GLASS BLOCK FIX.3RD+FL.	55999.	.00
0432532	REPAIR GLASS BLOCK FIX.EXT.WDW.3RD+FLRS.	341557.	.03
0432535	REPLACE GLASS BLOCK FIX.EXT.WDW.3RD+FLS.	108976.	.01
0432611	BRKN.GLS:RPLMT.ALUM.FIX(DBL)EXT.1ST FLR.	117354.	.01
0432612	REPAIR ALUMINUM FIX(DBL)EXT.WDW.1ST FLR.	11173.	.00
0432615	REPLACE ALUMINUM FIX(DBL)EXT.WDW.1ST FL.	177215.	.02
0432621	BRKN.GLS:RPLMT.ALUM.FIX(DBL)EXT.1ST FLR.	100807.	.01
0432622	REPAIR ALUMINUM FIX(DBL)EXT.WDW.2ND FLR.	10035.	.00
0432625	REPLACE ALUMINUM FIX(DBL)EXT.WDW.2ND FL.	130697.	.01
0432631	BRKN.GLS:REPLMT.ALUM.FIX(DBL)EXT.3RD+FL.	137299.	.01
0432632	REPAIR ALUMINUM FIX(DBL)EXT.WDW.3RD+FLS.	15312.	.00

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0432635	REPLACE ALUMINUM FIX(DBL)EXT.WDW.3RD FL.	173993.	.01
0432711	BRKN.GLS:RPLMT.STEEL FRM.FIX(DBL)1ST FL.	33300.	.00
0432712	REPAIR STEEL FRM(DBL)FIX.EXT.WDW.1ST FL.	3867.	.00
0432714	REFIN.STEEL FRM(DBL)FIX.EXT.WDW.1ST FLR.	44867.	.00
0432715	REPLCE.STEEL FRM(DBL)FIX.EXT.WDW.1ST FL.	41085.	.00
0432716	RFN.RPLC.STL.FRM(DBL)FIX.EXT.WDW.1ST FL.	1802.	.00
0432721	BRKN.GLS:RPLMT.STEEL FRM(DBL)FIX.2ND FL.	6594.	.00
0432722	REPAIR STEEL FRM(DBL)FIX.EXT.WDW.2ND FL.	797.	.00
0432724	REFIN.STEEL FRM(DBL)FIX.EXT.WDW.2ND FLR.	39215.	.00
0432725	REPLCE.STEEL FRM(DBL)FIX.EXT.WDW.2ND FL.	6992.	.00
0432726	RFN.RPLC.STL.FRM(DBL)FIX.EXT.WDW.2ND FL.	1580.	.00
0432731	BRKN.GLS:RPLMT.STEEL FRM(DBL)FIX.3RD+FL.	3095.	.00
0432732	REPAIR STEEL FRM(DBL)FIX.EXT.WDW.3RD+FL.	420.	.00
0432734	REFIN.STEEL FRM(DBL)FIX.EXT.WDW.3RD+FLS.	24611.	.00
0432735	REPLCE.STEEL FRM(DBL)FIX.EXT.WDW.3RD+FL.	3174.	.00
0432736	RFN.RPLC.STL.FRM(DBL)FIX.EXT.WDW.3RD+FL.	990.	.00
0432811	BRKN.GLS:REPLMT.WOOD FRM(DBL)FIX.1ST FL.	27700.	.00
0432812	REPAIR WOOD FRM(DBL)FIX.EXT.WDW.1ST FLR.	4608.	.00
0432814	REFIN. WOOD FRM(DBL)FIX.EXT.WDW.1ST FLR.	135620.	.01
0432815	REPLCE.WOOD FRM(DBL)FIX.EXT.WDW.1ST FLR.	181847.	.02
0432816	RFN.RPLC.WOOD FRM(DBL)FIX.EXT.WDW.1ST FL	8977.	.00
0432821	BRKN.GLS:REPLMT.WOOD FRM(DBL)FIX.2ND FL.	11775.	.00
0432822	REPAIR WOOD FRM(DBL)FIX.EXT.WDW.2ND FLR.	1787.	.00
0432824	REFIN.WOOD FRM(DBL)FIX.EXT.WDW.2ND FL.	132263.	.01
0432825	REPLACE WOOD FRM(DBL)FIX.EXT.WDW.2ND FL.	59167.	.01
0432826	RFN.RPLC.WOOD FRM(DBL)FIX.EXT.WDW.2ND FL	8766.	.00
0432831	BRKN.GLS:REPLMT.WOOD FRM(DBL)FIX.3RD+FL.	27647.	.00
0432832	REPAIR WOOD FRM(DBL)FIX.EXT.WDW.3RD+FLR.	4426.	.00
0432834	REFIN.WOOD FRM(DBL)FIX.EXT.WDW.3RD+FLS.	381682.	.03
0432835	REPLACE WOOD FRM(DBL)FIX.EXT.WDW.3RD+FL.	127790.	.01
0432836	RFN.RPLC.WOOD FRM(DBL)FIX.EXT.WDW.3RD+FL	25260.	.00
0432911	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.1ST FL.	36838.	.00
0432912	REPR.PLAST(WD.CR)DBL.FIX.EXT.WDW.1ST FL.	11313.	.00
0432915	RPLC.PLAST(WD.CR)DBL.FIX.EXT.WDW.1ST FL.	132663.	.01
0432921	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.2ND FL.	52791.	.00
0432922	REPR.PLAST(WD.CR)DBL.FIX.EXT.WDW.2ND FL.	14929.	.00
0432925	RPLC.PLAST(WD.CR)DBL.FIX.EXT.WDW.2ND FL.	147670.	.01
0432931	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.3RD+FL.	67872.	.01
0432932	REPR.PLAST(WD.CR)DBL.FIX.EXT.WDW.3RD+FL.	19981.	.00
0432935	RPLC.PLAST(WD.CR)DBL.FIX.EXT.WDW.3RD+FL.	175068.	.02
0433112	REPAIR WOOD LOUVER IN FRAME 1ST FLOOR	10253.	.00
0433113	REFIN REPAIRD WD LOUVER IN FRAME 1ST FL	65.	.00
0433114	REFINISH WOOD LOUVER IN FRAME 1ST FLOOR	8294.	.00
0433115	REPLACE WOOD LOUVER IN FRAME 1ST FLOOR	2081.	.00
0433116	REFIN REPLACD WOOD LOUVR IN FRAME 1ST FL	316.	.00
0433122	REPAIR WOOD LOUVER IN FRAME 2ND FLOOR	257653.	.02
0433123	REFIN REPLCED WD LOUVER IN FRAME 2ND FL	5219.	.00
0433124	REFINISH WOOD LOUVER IN FRAME 2ND FLOOR	487150.	.04
0433125	REPLACE WOOD LOUVER IN FRAME 2ND FLOOR	71506.	.01
0433126	REFIN REPLACD WD LOUVER IN FRAME 2ND FL	19598.	.00
0433132	REPAIR WOOD LOUVER IN FRAME 3RD FLOOR	640877.	.06
0433133	REFIN REPAIRD WD LOUVER IN FRAME 3RD FL	16934.	.00
0433134	REFINISH WOOD LOUVER IN FRAME 3RD FLOOR	1705607.	.15
0433135	REPLACE WOOD LOUVER IN FRAME 3RD FLOOR	197560.	.02
0433134	REFIN REPLACD WD LOUVER IN FRAME 3RD FL	68612.	.01
0433212	REPAIR ALUM LOUVER IN FRAME 1ST FLOOR	913114.	.08
0433213	REFIN REPRAIRD ALUM LOUV IN FRAME 1ST FR	1845.	.00
0433214	REFINISH ALUM LOUVER IN FRAME 1ST FLOOR	506631.	.04
0433215	REPLACE ALUM LOUVER IN FRAME 1ST FLOOR	294804.	.03
0433216	REFIN REPLCED ALUM LOUVR IN FRAME 1ST FL	20389.	.00
0433222	REPAIR ALUMINUM LOUVER(FRAMED) 2ND FLOOR	222027.	.02
0433223	REFINISH REPAIRED ALUMINUM LOUVER 2ND FL	1264.	.00
0433224	REFINISH ALUMINUM LOUVER(FRAMED) 2ND FL.	235921.	.02
0433225	REPLACE ALUMINUM LOUVER(FRAMED) 2ND FLR.	78408.	.01
0433226	REFINISH REPLACED ALUMIN.LOUVER 2ND FLR.	9497.	.00
0433232	REPAIR ALUMINUM LOUVER (FRAMED) 3RD FLR.	325933.	.03
0433233	REFINISH REPAIRED ALUMIN.(FRMD) 3RD FLR.	2475.	.00
0433234	REFINISH ALUMINUM LOUVER (FRMD) 3RD FLR.	498844.	.04

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0433235	REPLACE ALUMINUM LOUVER (FRAMED)3RD FLR.	121114.	.01
0433236	REFINISH REPLACED ALUMIN.LOUVER 3RD FLR.	20062.	.00
0433312	REPAIR STEEL LOUVER (FRAMED) 1ST FLOOR	608077.	.05
0433313	REFINISH REPAIRED STEEL (FRAME) 1ST FLR.	1904.	.00
0433314	REFINISH STEEL LOUVER (FRAMEED) 1ST FLR.	693934.	.06
0433322	REPAIR STEEL LOUVER (FRAME) 2ND FLOOR	118267.	.01
0433323	REFIN.REPLCD.STEEL LOUVER (FRM) 2ND FLR.	950.	.00
0433324	REFINISH STEEL LOUVER (FRAMED) 2ND FLOOR	234452.	.02
0433332	REPAIR STEEL LOUVER (FRAMED) 3RD FLOOR	110366.	.01
0433333	REFINISH REPRD.STEEL LOUVER (FRM)3RD FL.	1236.	.00
0433334	REFINISH STEEL LOUVER (FRAMED) 3RD FLOOR	330972.	.03
0433412	REPAIR WOOD SHUTTER (FRAMED) 1ST FLOOR	174376.	.01
0433413	REFINISH REPRD.WOOD SHUTTER (FRM)1ST FL.	1151.	.00
0433414	REFINISH WOOD SHUTTER (FRAMED) 1ST FLOOR	152794.	.01
0433415	REPLACE WOOD SHUTTER (FRAMED) 1ST FLOOR	24898.	.00
0433416	REFIN. REPLCD.WOOD SHUTTER (FRM) 1ST FL.	6147.	.00
0433422	REPAIR WOOD SHUUTER (FRAME) 2ND FLOOR	34936.	.00
0433423	REFIN. REPRD. WOOD SHUTTER (FRM) 2ND FL.	522.	.00
0433424	REFINISH WOOD SHUTTER (FRAMED) 2ND FLOOR	47559.	.00
0433425	REPLACE WOOD SHUTTER (FRAMED) 2ND FLOOR	5475.	.00
0433426	REFIN. REPLCD.WOOD SHUTTER (FRM) 1ST FL.	1913.	.00
0433512	REPAIR ALUMINUM SHUTTER (FRAMED) 1ST FL.	1635377.	.14
0433513	REFIN. REPRD. ALUMIN. (FRAMED) 1ST FLOOR	2790.	.00
0433514	REFINISH ALUMINUM SHUTTER (FRM) 1ST FLR.	593750.	.05
0433515	REPLACE ALUMINUM SHUTTER (FRAMED)1ST FL.	360379.	.03
0433516	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)1ST FL.	23879.	.00
0433522	REPAIR ALUMINUM SHUTTER (FRAME) 2ND FLR.	199420.	.02
0433523	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)2ND FL.	798.	.00
0433524	REFINISH ALUMINUM SHUTTER (FRM) 2ND FL.	119156.	.01
0433525	REPLACE ALUMINUM SHUTTER (FRAME) 2ND FL.	46402.	.00
0433526	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)2ND FL.	4779.	.00
0433532	REPAIR ALUMINUM SHUTTER (FRAMED) 3RD FL.	200152.	.02
0433533	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)3RD FL.	1039.	.00
0433534	REFINISH ALUMINUM SHUTTER (FRMD) 3RD FL.	168229.	.01
0433535	REPLACE ALUMINUM SHUTTER (FRAMED)3RD FL.	47980.	.00
0433536	REFIN.REPLCD.ALUMIN.SHUTTER (FRM)3RD FL.	6747.	.00
0433612	REPAIR STEEL SHUTTER (FRAME) 1ST FLOOR	126577.	.01
0433613	REFIN. REPRD.STEEL SHUTTER (FRM) 1ST FL.	405.	.00
0433614	REFINISH STEEL SHUTTER (FRAME) 1ST FLOOR	112915.	.01
0433632	REPAIR STEEL SHUTTER (FRAME) 3RD FLOOR	1315.	.00
0433633	REFIN. REPRD.STEEL SHUTTER (FRM) 3RD FL.	16.	.00
0433634	REFINISH STEEL SHUTTER (FRAME) 3RD FLOOR	3168.	.00
0434111	BRKN.GLS.RPLMT:ALUM.FRM.STORM WIN.1ST FL	11316.	.00
0434112	REPAIR ALUMINUM FRM. STORM WIND. 1ST FL.	28580.	.00
0434114	REFINISH ALUMINUM FRM.STORM WIND.1ST FL.	67060.	.01
0434115	REPLACE ALUMINUM FRM.STORM WIND.1ST FLR.	15521.	.00
0434116	REFIN.REPLCD.ALUM.FRM.STORM WIN.1ST FLR.	2647.	.00
0434121	BRKN.GLS.RPLMT.ALUM.FRM.STORM WIN.2ND FL	17817.	.00
0434122	REPAIR ALUMINUM FRM.STORM WINDOW 2ND FL.	49564.	.00
0434124	REFINISH ALUMINUM FRM.STORM WIND.2ND FL.	130004.	.01
0434125	REPLACE ALUMINUM FRM.STORM WIND. 2ND FL.	17748.	.00
0434126	REFIN.REPLCD.ALUM.FRM.STORM WIN.2ND FLR.	5127.	.00
0434131	BRKN.GLS.RPLMT.ALUM.FRM.STORM WIN.3RD FL	5165.	.00
0434132	REPAIR ALUMINUM FRM.STORM WINDOW 3RD FL.	15194.	.00
0434134	REFINISH ALUMINUM FRM.STORM WIND.3RD FL.	45970.	.00
0434135	REPLACE ALUMINUM FRM.STORM WIND. 3RD FL.	4384.	.00
0434136	REFIN.REPLCD.ALUM.FRM.STORM WIND.3RD FL.	1698.	.00
0434311	BRKN.GLS.RPLMT.WOOD FRM.STORM WIN.1ST FL	7682.	.00
0434312	REPAIR WOOD FRAME STORM WINDOW 1ST FLOOR	22638.	.00
0434314	REFINISH WOOD FRAME STORM WINDOW 1ST FL.	45981.	.00
0434315	REPLACE WOOD FRAME STORM WINDOW 1ST FLR.	19243.	.00
0434316	REFIN.REPLCD. WOOD FRAME WINDOW 1ST FLR.	3663.	.00
0434321	BRKN.GLS.RPLMT:WOOD FRM.STORM WIN.2ND FL	5221.	.00
0434322	REPAIR WOOD FRAME STORM WINDOW 2ND FLOOR	17000.	.00
0434324	REFINISH WOOD FRAME STORM WINDOW 2ND FL.	38412.	.00
0434325	REPLACE WOOD FRAME STORM WINDOW 2ND FLR.	9466.	.00
0434326	REFIN.REPLCD. WOOD FRM.STORM WIN.2ND FL.	3061.	.00
0434412	REPAIR METAL WINDOW GRATINGS 1ST FLOOR	377831.	.03

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0434414	REFINISH METAL WINDOW GRATING 1ST FLOOR	4488186.	.39
0434422	REPAIR METAL WINDOW GRATING 2ND FLOOR	44407.	.00
0434424	REFINISH METAL WINDOW GRATING 2ND FLOOR	800116.	.07
0434432	REPAIR METAL WINDOW GRATINGS 3RD FLOOR	10271.	.00
0434434	REFINISH METAL WINDOW GRATING 3RD FLOOR	281800.	.02
0434512	REPAIR METAL MESH WINDOW COVER 1ST FLOOR	1162.	.00
0434514	REFINISH METAL MESH WINDOW COVER 1ST FL.	1512434.	.13
0434522	REPAIR METAL MESH WINDOW COVER 2ND FLOOR	15.	.00
0434524	REFINISH METAL MESH WINDOW COVER 2ND FL.	32186.	.00
0434532	REPAIR METAL MESH WINDOW COVER 3RD FLOOR	27.	.00
0434534	REFINISH METAL MESH WINDOW COVER 3RD FL.	76476.	.01
0434612	REPAIR ALUMINUM FRAME SCREEN 1ST FLOOR	8670.	.00
0434614	REFINISH ALUMINUM FRAME SCREEN 1ST FLOOR	385915.	.03
0434615	REPLACE ALUMINUM FRAME SCREEN 1ST FLOOR	54324.	.00
0434616	REFIN.REPLCD.ALUMIN.FRAME SCREEN 1ST FL.	15311.	.00
0434622	REPAIR ALUMINUM FRAME SCREEN 2ND FLOOR	4097.	.00
0434624	REFINISH ALUMINUM FRAME SCREEN 2ND FLOOR	301220.	.03
0434625	REPLACE ALUMINUM FRAME SCREEN 2ND FLOOR	25958.	.00
0434626	REFIN.REPLCD.ALUMIN.FRAME SCREEN 2ND FL.	11808.	.00
0434632	REPAIR ALUMINUM FRAME SCREEN CVR.3RD FL.	3344.	.00
0434634	REFINISH ALUMINUM FRAME SCREEN 3RD FLOOR	331934.	.03
0434635	REPLACE ALUMINUM FRAME SCREEN 3RD FLOOR	22675.	.00
0434636	REFIN.REPLCD.ALUMIN.FRAME SCREEN 3RD FL.	13006.	.00
0434712	REPAIR STEEL FRAME SCREEN COVER 1ST FLR.	2253.	.00
0434714	REFINISH STEEL FRAME SCREEN CVR.1ST FLR.	86657.	.01
0434715	REPLACE STEEL FRAME SCREEN COVER 1ST FL.	12889.	.00
0434716	REFIN.REPLCD.STEEL FRAME SCREEN 1ST FLR.	3486.	.00
0434722	REPAIR STEEL FRAME SCREEN COVER 2ND FLR.	1396.	.00
0434724	REFINISH STEEL FRAME SCREEN COVR.2ND FL.	92834.	.01
0434725	REPLACE STEEL FRAME SCREEN COVER 2ND FL.	8266.	.00
0434726	REFIN.REPLCD.STEEL FRAME SCREEN 2ND FLR.	3736.	.00
0434732	REPAIR STEEL FRAME SCREEN COVER 2ND FLR.	2312.	.00
0434734	REFINISH STEEL FRAME SCREEN COVR.3RD FL.	204500.	.02
0434735	REPLACE STEEL FRAME SCREEN COVER 3RD FL.	14597.	.00
0434736	REFIN.REPLCD.STEEL FRAME SCREEN 3RD FLR.	8227.	.00
0434812	REPAIR WOOD FRAME SCREEN COVER 1ST FLOOR	4227.	.00
0434814	REFINISH WOOD FRAME SCREEN COVER 1ST FL.	327305.	.03
0434815	REPLACE WOOD FRAME SCREEN COVER 1ST FLR.	176552.	.02
0434816	REFIN.REPLCD.WOOD FRAME SCREEN 1ST FLOOR	39497.	.00
0434822	REPAIR WOOD FRAME SCREEN COVER 2ND FLOOR	3235.	.00
0434824	REFINISH WOOD FRAME SCREEN COVER 2ND FL.	390598.	.03
0434825	REPLACE WOOD FRAME SCREEN COVER 2ND FLR.	138443.	.01
0434826	REFIN.REPLCD.WOOD FRAME SCREEN 3RD FLOOR	47135.	.00
0434832	REPAIR WOOD FRAME SCREEN COVER 3RD FLOOR	2273.	.00
0434834	REFINISH WOOD FRAME SCREEN COVER 3RD FL.	368444.	.03
0434835	REPLACE WOOD FRAME SCREEN COVER 3RD FLR.	103110.	.01
0434836	REFIN.REPLCD.WOOD FRAME SCREEN 3RD FLOOR	44407.	.00
0441102	REPAIR CONCRETE DECKING EXTERIOR PORCH	604460.	.05
0441103	REFINISH REPAIRED CONC.DECKING EXT.PORCH	10202.	.00
0441104	REFINISH CONCRETE DECKING EXTERIOR PORCH	1274512.	.11
0441202	REPAIR WOOD DECKING EXTERIOR PORCH	576.	.00
0441203	REFINISH REPAIRED WOOD DECKING EXT.PORCH	94.	.00
0441204	REFINISH WOOD DECKING EXTERIOR PORCH	16052.	.00
0441302	REPAIR METAL DECKING EXTERIOR PORCH	531.	.00
0441303	REFINISH REPAIRED METAL DECK.EXT.PORCH	387.	.00
0441304	REFINISH METAL DECKING EXTERIOR PORCH	43101.	.00
0441305	REPLACE METAL DECKING EXTERIOR PORCH	4357.	.00
0441306	REFINISH REPLACED METAL DECK.EXT.PORCH	2368.	.00
0442102	REPAIR WROUGHT IRON RAILING EXT.PORCH	26.	.00
0442103	REFIN.REPRED.WROUGHT IRON RAIL.EXT.PORCH	1.	.00
0442104	REFINISH WROUGHT IRON RAILING EXT.PORCH	265.	.00
0442202	REPAIR WOOD RAILING EXTERIOR PORCH	22612.	.00
0442203	REFINISH REPAIRED WOOD RAILING EXT.PORCH	292.	.00
0442204	REFINISH WOOD RAILING EXTERIOR PORCH	16679.	.00
0442205	REPLACE WOOD RAILING EXTERIOR PORCH	23807.	.00
0442206	REFINISH REPLACED WOOD RAILING EXT.PORCH	927.	.00
0442302	REPAIR STEEL(METAL)PNT.RAILING EXT.PORCH	8494.	.00
0442303	REFIN.REPRD.STEEL(METAL)PNT.RAIL.EXT.PCH	399.	.00

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0442304	REFINISH STEEL (METAL)PNT.RAIL.EXT.PORCH	83359.	.01
0442402	REPAIR STEEL (METAL)UNPNT.RAIL.EXT.PORCH	2598.	.00
0443102	REPAIR CONCRETE SUPPORTS EXTERIOR PORCH	2666.	.00
0443103	REFINISH REPAIRED CONCR.SUPPT.EXT.PORCH	45.	.00
0443104	REFINISH CONCRETE SUPPORTS EXT.PORCH	7143.	.00
0443202	REPAIR WOOD SUPPORTS EXTERIOR PORCH	85.	.00
0443203	REFINISH REPAIRED WOOD SUPPORT EXT.PORCH	14.	.00
0443204	REFINISH WOOD SUPPORTS EXTERIOR PORCH	994.	.00
0443205	REPLACE WOOD SUPPORTS EXTERIOR PORCH	544.	.00
0443206	REFINISH REPLACED WOOD SUPPT.EXT.PORCH	90.	.00
0443302	REPAIR CLAY BRICK SUPPORTS EXT. PORCH	367.	.00
0443303	REFIN.REPRED.CLAY BRICK SUPPT.EXT.PORCH	12.	.00
0443304	REFINISH CLAY BRICK SUPPORTS EXT.PORCH	1404.	.00
0443402	REPAIR STEEL(METAL)EXT. PORCH-DECK SUPPT	293.	.00
0443403	REFIN.RPRD.STEEL(METAL)EXT.PORCH SUPPORT	9.	.00
0443404	REFINISH STEEL(METAL) EXT. PORCH SUPPORT	683.	.00
0444102	REPAIR METAL COLUMN EXTERIOR PORCH	39188.	.00
0444103	REFINISH REPAIRED METAL COLUMN EXT.PORCH	2459.	.00
0444104	REFINISH METAL COLUMN EXTERIOR PORCH	39332.	.00
0444202	REPAIR WOOD COLUMNS EXTERIOR PORCH	6494.	.00
0444203	REFINISH REPAIRED WOOD COLUMN EXT.PORCH	1230.	.00
0444204	REFINISH WOOD COLUMN EXTERIOR PORCH	25742.	.00
0444302	REPAIR CLAY BRICK COLUMN EXTERIOR PORCH	1035.	.00
0444303	REFIN.REPRED.CLAY BRICK COLUMN EXT.PORCH	123.	.00
0444304	REFINISH CLAY BRICK COLUMN EXTER.PORCH	3047.	.00
0451102	REPAIR STONE CORNICE EXTERIOR ORNAMENT	54110.	.00
0461102	REPAIR WOOD RAILINGS EXTERIOR STAIRS	654.	.00
0461103	REFINISH REPAIRED WOOD RAILING EXT.STAIR	60.	.00
0461104	REFINISH WOOD RAILING EXTERIOR STAIRS	3064.	.00
0461105	REPLACE WOOD RAILINGS EXTERIOR STAIRS	2599.	.00
0461106	REFINISH REPLACED WOOD RAILING EXT.STAIR	170.	.00
0461202	REPAIR METAL RAILING EXTERIOR STAIR	3321.	.00
0461203	REFINISH REPAIRED METAL RAILNG.EXT.STAIR	1422.	.00
0461204	REFINISH METAL RAILING EXTERIOR STAIRS	113699.	.01
0461402	REPAIR STEEL(METAL)UNPND.EXT.STAIR RAIL.	1138.	.00
0462102	REPAIR CONCRETE STEPS EXTERIOR STAIR	147068.	.01
0462202	REPAIR WOOD STEPS EXTERIOR STAIR	468.	.00
0462203	REFINISH REPAIR WOOD STEPS EXTER.STAIR	29.	.00
0462204	REFINISH WOOD STAIRS EXTERIOR STAIRS	1468.	.00
0462205	REPLACE WOOD STEPS EXTERIOR STAIRS	2386.	.00
0462206	REFINISH REPLACE WOOD STEPS EXTER.STAIR	82.	.00
0462302	REPAIR METAL STEPS EXTERIOR STAIR	15607.	.00
0462303	REFINISH REPAIRED METAL STEPS EXT.STAIR	279.	.00
0462304	REFINISH METAL STEPS EXTERIOR STAIR	17266.	.00
0462402	REPAIR MASONRY STEP UNPNAINTED EXT.STAIR	18478.	.00
0462502	REPAIR MASONRY STEP PAINTED EXT.STAIR	4736.	.00
0462503	REFIN.REPRD.MASONRY STEP PNTD EXT.STAIR	13.	.00
0462504	REFINISH MASONRY STEPS PAINTED EXT.STAIR	1778.	.00
0462602	REPAIR QUARRY TILE STEPS EXTERIOR STAIR	8684.	.00
0521105	REPLACE STEEL INT. PARTITIONS	448993.	.04
0522102	REPAIR FABRIC INT. PARTITIONS	1872.	.00
0522105	REPLACE FABRIC INT. PARTITIONS	97720.	.01
0531112	REPAIR STEEL PAINTED INTERIOR DOOR	4343768.	.37
0531114	REFINISH STEEL PAINTED INTERIOR DOOR	1691106.	.15
0531115	REPLACE STEEL PAINTED INTERIOR DOOR	939427.	.08
0531116	REFIN.REPLCD. STEEL PAINTED INTER. DOOR	63995.	.01
0531121	BRKN.GLS.RPLMT:STEEL(SAFETY)PNT.INT.DOOR	134757.	.01
0531122	REPAIR STEEL (SAFETY GLS)PNT. INT. DOOR'	1063483.	.09
0531124	REFINISH STEEL (SAFETY GLS) PNT.INT.DOOR	415413.	.04
0531125	REPLACE STEEL (W/SAFETY GLS)PNT.INT.DOOR	313426.	.03
0531126	REFIN.REPLCD.STEEL(SAFE GLS)PNT.INT DOOR	15839.	.00
0531132	REPAIR STEEL SLIDING PNTD. INTER. DOOR	85618.	.01
0531134	REFINISH STEEL SLIDING PNTD. INTER. DOOR	17621.	.00
0531135	REPLACE STEEL SLIDING PAINT. INTER. DOOR	40933.	.00
0531136	REFIN.REPLCD.STEEL SLIDING PNTD.INT.DOOR	662.	.00
0531141	BRKN.GLS.RPLMT:STEEL(INSUL)PNTD.INT.DOOR	7450.	.00
0531142	REPAIR STEEL (INSUL) PNTD. INTERIOR DOOR	66716.	.01
0531144	REFINISH STEEL (INSUL CORE)PNTD.INT.DOOR	26204.	.00

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0531145	REPLACE STEEL (INSUL.CORE)PNTD.INT.DOOR	23617.	.00
0531146	REFIN.REPLCD.STEEL(INSL.CORE)PNT.INT.DR.	969.	.00
0531212	REPAIR STEEL UNPAINTED INTERIOR DOOR	30564.	.00
0531215	REPLACE STEEL UNPAINTED INTERIOR DOOR	7462.	.00
0531221	BRK.GLS.RPLMT:STEEL(SAFETY)UNPT.INT.DOOR	167.	.00
0531222	REPAIR STEEL (SAFETY GLS)UNPT.INTER.DOOR	1494.	.00
0531225	REPLACE STEEL(SAFETY GLS)UNPNT.INT.DOOR	525.	.00
0532111	BRKN.GLS.RPLMT:ALUM.FULL-GLASS INT.DOOR	137893.	.01
0532112	REPAIR ALUM.FULL-GLASS FRM.INTER.DOOR	437324.	.04
0532115	REPLACE ALUMIN. FULL-GLASS FRMD.INT.DOOR	226493.	.02
0532211	BRK.GLS.RPLMT:WOOD FULL-GLS.FRM.INT.DOOR	135929.	.01
0532212	REPAIR WOOD FULL-GLS.FRAMED INTER. DOOR	446593.	.04
0532214	REFINISH WOOD FULL-GLS.FRM.INTER.DOOR	64974.	.01
0532215	REPLACE WOOD FULL-GLS.FRAMED INTER. DOOR	127113.	.01
0532216	REFIN.REPLCD.WOOD FULL-GLS.FRM.INT. DOOR	4518.	.00
0532221	BRK.GLS.RPLMT:WOOD FUL-GLS.SLID.INT.DOOR	4878.	.00
0532222	REPAIR WOOD FULL-GLS.FRM.SLIDING.INT.DR.	30621.	.00
0532224	REFINISH WOOD FULL-GLS.SLIDING INT. DOOR	2222.	.00
0532225	REPLACE WOOD FULL-GLS.FRM SLIDING INT.DR	17509.	.00
0532226	REFIN.REPLCD.WOOD FULL-GLS.SLIDE INT.DR.	156.	.00
0533112	REPAIR HOLLOW CORE PAINTED INTERIOR DOOR	16121160.	1.38
0533114	REFINISH HOLLOW CORE PAINTED INTER. DOOR	5209741.	.45
0533115	REPLACE HOLLOW CORE PNTD.INTERIOR DOOR	7334602.	.63
0533116	REFIN.REPLCD.HOLLOW CORE WOOD INTER.DOOR	665237.	.06
0533122	REPAIR HOLLOW CORE SLIDING PNT.INTER.DR.	724505.	.06
0533124	REFINISH HOLLOW CORE SLIDING INTER. DOOR	121472.	.01
0533125	REPLACE HOLLOW CORE SLIDING PNT.INT.DOOR	331679.	.03
0533126	REFIN.REPLCD.HOLLOW CORE SLIDING INT.DR.	16576.	.00
0533212	REPAIR SOLID CORE WOOD PAINT. INT.DOOR	6604874.	.57
0533214	REFINISH SOLID CORE PAINT.INTERIOR DOOR	3557784.	.31
0533215	REPLACE SOLID CORE PAINT.INTERIOR DOOR	4009474.	.34
0533216	REFINI.REPLCD.SOLID CORE PAINT.INT. DOOR	348422.	.03
0533222	REPAIR SOLID CORE SLIDING PNT.INT. DOOR	134115.	.01
0533224	REFINISH SOLID CORE SLIDING PNT.INT.DOOR	25465.	.00
0533225	REPLACE SOLID CORE SLIDING PNT.INT. DOOR	69174.	.01
0533226	REFIN.REPLCD.SOLID CORE SLIDING INT.DOOR	2427.	.00
0533231	BRKN.GLS.RPLMT:SOLID CORE(SAFETY)INT.DR.	49850.	.00
0533232	REPAIR SOLID CORE (SAFETY)PAINT.INT.DOOR	516321.	.04
0533234	REFINISH SOLID CORE(SAFETY)PAINT.INT.DR.	119552.	.01
0533235	REPLACE SOLID CORE(SAFETY)PNT.INT. DOOR	425604.	.04
0533236	REFIN.REPLCD.SOLID CORE(SAFETY)INT.DOOR	12465.	.00
0534112	REPAIR PANELED (PAINTED) INTERIOR DOOR	8970.	.00
0534113	REFINISH REPRD.PANELED INT.BI-FOLD DOOR	1199.	.00
0534114	REFINISH PANELED (PAINTED) INTERIOR DOOR	6787.	.00
0534115	REPLACE PANELED (PAINTED) INTERIOR DOORS	17606.	.00
0534116	REFIN.REPLC.PANELED(PAINTED)INTER. DOOR	1424.	.00
0534212	REPAIR ALUMINUM LOUVERD INTERIOR DOOR	29293.	.00
0534213	REFIN.REPRD.ALUMIN.LOUVERED INTER. DOOR	668.	.00
0534214	REFINISH ALUMINUM LOUVERED INTERIOR DOOR	6609.	.00
0534215	REPLACE ALUMINUM LOUVERED INTERIOR DOOR	10798.	.00
0534216	REFIN.REPLCD.ALUMIN.LOUVERED INTER.DOOR	299.	.00
0534222	REPAIR STEEL LOUVER INTERIOR DOOR	484942.	.04
0534223	REFIN.REPRD.STEEL LOUVER INTERIOR DOOR	10412.	.00
0534224	REFINISH STEEL LOUVER INTERIOR DOOR	124123.	.01
0534225	REPLACE STEEL LOUVERED INTERIOR DOOR	162285.	.01
0534226	REFIN.REPLCD.STEEL LOUVER INTERIOR DOOR	4664.	.00
0534232	REPIAR WOOD LOUVER INTERIOR DOOR	1147969.	.10
0534233	REFIN.REPRD.WOOD LOUVER INTERIOR DOOR	22566.	.00
0534234	REFINISH WOOD LOUVER INTERIOR DOOR	103189.	.01
0534235	REPLACE WOOD LOUVER INTERIOR DOOR	378119.	.03
0534236	REFIN.REPLCD.WOOD LOUVERED INTERIOR DOOR	10430.	.00
0534312	REPAIR STEEL VAULT INTERIOR DOOR	49917.	.00
0534322	REPAIR METAL WALK-IN COOLER INTER. DOOR	65325.	.01
0534325	REPLACE METAL WALK-IN COOLER INTER. DOOR	108345.	.01
0534332	REPAIR LEAD-LINED(WOOD)MEDICAL INT. DOOR	20561.	.00
0534335	REPLACE LEAD-LINED (WOOD)MEDICAL INT.DR.	8631.	.00
0534412	REPAIR METAL MESH PAINTED INTERIOR DOOR	303.	.00
0534414	REFINISH METAL MESH PAINT.INTERIOR DOOR	269135.	.02

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0534422	REPAIR METAL WIRE MESH UNPAINTED DOOR	41.	.00
0535302	REPAIR ALUMINUM SINGLE ROLL-UP INT.DOOR	23503.	.00
0535304	REFIN. ALUMINUM SINGLE ROLL-UP INT.DOOR	10515.	.00
0535305	REPLACE ALUMINUM SINGLE ROLL-UP DOOR	6541.	.00
0535306	REFIN.REPLCD.ALUM. SNGL.ROLL-UP INT.DOOR	443.	.00
0535402	REPAIR ALUMINUM DOUBLE ROLL-UP INT.DOOR	2977.	.00
0535404	REFINISH ALUMINUM DOUBLE ROLL-UP INT.DR.	3127.	.00
0535405	REPLACE ALUMINUM DBL.ROLL-UP INTER.DOOR	2261.	.00
0535406	REFIN.REPLCD.ALUMIN.DBL.ROLL-UP INT.DOOR	125.	.00
0551102	REPAIR CLAY BRICK CHIMNEY - FIREPLACES	69577.	.01
0551202	REPAIR CONCRETE BRICK CHIMNEY- FIREPLACE	13487.	.00
0551302	REPAIR STONE CHIMNEY - FIREPLACES	178.	.00
0551402	REPAIR METAL PIPE CHIMNEY - FIREPLACES	11211.	.00
0552302	REPAIR STONE MANTEL - FIREPLACE	30.	.00
0553102	REPAIR BRICK VENEER - FIREPLACE	224.	.00
0553103	REFINISH REPAIRED BRICK VENEER-FIREPLACE	15.	.00
0553104	REFINISH BRICK VENEER - FIREPLACE	466.	.00
0553302	REPAIR PLASTER SURFACE - FIREPLACE	7222.	.00
0553303	REFIN.REPAIR PLASTER SURFACE-FIREPLACE	809.	.00
0553304	REFINISH PLASTER SURFACE - FIREPLACE	33270.	.00
0553305	REPLACE PLASTER SURFACE - FIREPLACE	41646.	.00
0553306	REFIN.REPLCD.PLASTER SURFACE FIREPLACE	2405.	.00
0555202	REAPIR METAL PIPE FLUE, ARCHITECT.FIRPLC	132.	.00
0571102	REPAIR WOOD RAILING - INTERIOR STAIRS	20134.	.00
0571103	REFINISH REPAIRED WOOD RAILING INT.STAIR	1852.	.00
0571104	REFINISH WOOD RAILING - INTERIOR STAIR	100823.	.01
0571105	REPLACE WOOD RAILING - INTERIOR STAIR	97120.	.01
0571106	REFIN.REPLC.WOOD RAILING INTERIOR STAIR	6287.	.00
0571202	REPAIR METAL RAILING - INTERIOR STAIR	16649.	.00
0571203	REFIN.REPAIRED METAL RAILING INTER.STAIR	7035.	.00
0571204	REFINISH METAL RAILING - INTERIOR STAIR	608054.	.05
0571302	REPAIR WROUGHT IRON INTER. STAIR RAILING	397.	.00
0571303	REFIN.REPRD.WROUGHT IRON INT.STAIR RAIL.	17.	.00
0571304	REFINISH WROUGHT IRON INT.STAIR RAILING	3382.	.00
0572102	REPAIR CONCRETE STEPS - INTERIOR STAIR	186890.	.02
0572202	REPAIR WOOD STEPS -INTERIOR STAIR	14600.	.00
0572203	REFIN.REPAIRED WOOD STEPS INTERIOR STAIR	910.	.00
0572204	REFINISH WOOD STEPS - INTERIOR STAIR	49149.	.00
0572205	REPLACE WOOD STEPS - INTERIOR STAIR	92427.	.01
0572206	REFIN.REPLACED WOOD STEPS INTERIOR STAIR	3062.	.00
0572302	REPAIR METAL STEPS - INTERIOR STAIR	23924.	.00
0572303	REFIN.REPARED.METAL STEPS INTERIOR STAIR	511.	.00
0572304	REFINISH METAL STEPS - INTERIOR STAIR	33165.	.00
0572402	REPAIR MASONRY STEP UNPAINTED INT.STAIR	9053.	.00
0572502	REPAIR MASONRY STEPS PAINTED INT.STAIR	5067.	.00
0572503	REFIN.REPRED.MASONRY STEP PNTD.INT.STAIR	110.	.00
0572504	REFINISH MASONRY STEPS PAINTED INT.STAIR	16001.	.00
0572602	REPAIR CARPETED STEPS INTERIOR STAIR	2435.	.00
0572605	REPLACE CARPETED STEPS INTERIOR STAIR	57388.	.00
0572702	MINOR REPAIRS TO RUBBER INT.STAIR STEPS	104541.	.01
0572705	REPLACE RUBBER INTERIOR STAIR STEPS	5195742.	.45
0572802	MINOR REPAIRS TO TERAZZO INT.STAIR STEPS	281988.	.02
0611102	REPAIR PLASTER WALL FINISHES	15598120.	1.34
0611103	REFINISH REPAIRED PLASTER WALL FINISH	4713928.	.40
0611104	REFINISH PLASTER WALL FINISH	46654520.	4.00
0611202	REPAIR SHEETROCK (STIPPLED) WALL FINISH	128352.	.01
0611203	REFIN.REPAIRED.SHEETROCK(STIPD)WALL FIN.	48456.	.00
0611204	REFINISH SHEETROCK(STIPPLED)WALL FINISH	827691.	.07
0611302	REPAIR SHEETROCK(UNSTIPPLED)WALL FINISH	228294.	.02
0611303	REFIN.REPAIR.SHEETROCK(UNSTPLD)WALL FIN.	87249.	.01
0611304	REFINISH SHEETROCK(UNSTPLD)WALL FINISH	1656005.	.14
0611402	REPAIR STUCCO INTERIOR WALL FINISH	425714.	.04
0611403	REFIN.REPRD.STUCCO INTERIOR WALL FINISH	154749.	.01
0611404	REFINISH STUCCO INTERIOR WALL FINISH	11410020.	.98
0612102	REPAIR CLAY BLOCK WALL FINISH	1134.	.00
0612202	REPAIR CLAY BLOCK (PAINTED) WALL FINISH	500477.	.04
0612203	REFIN.REPAIR.CLAY BLOCK(PAINTD)WALL FIN.	103937.	.01
0612204	REFINISH CLAY BLOCK (PAINTED)WALL FINISH	2216981.	.19

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0612302	REPAIR CONCRETE BLOCK WALL FINISH	59186.	.01
0612402	REPAIR CONCRETE BLOCK(PAINTED)WALL FIN.	180133.	.02
0612403	REFIN.REPAIRED.CONC.BLOCK(PNTD)WALL FIN.	82313.	.01
0612404	REFINISH CONCRETE BLOCK(PAINTD)WALL FIN.	1780066.	.15
0612502	REPAIR CLAY BRICK WALL FINISH	1831357.	.16
0612602	REPAIR CONCRETE BRICK WALL FINISH	3458.	.00
0612702	REPAIR FIREBRICK WALL FINISH	1867.	.00
0612802	REPAIR TILE WALL FINISH	5728818.	.49
0612805	REPLACE TILE WALL FINISHS	26454600.	2.27
0612902	REPAIR MASONITE INTERIOR WALL FINISH	2730.	.00
0612903	REFIN.REPRD.MASONITE INTERIOR WALL FIN.	2093.	.00
0612904	REFINISH MASONITE INTERIOR WALL FINISH	61616.	.01
0612A02	REPAIR GLAZED CMU. INTERIOR WALL FINISH	31186.	.00
0614102	REPAIR FORMICA WALL FINISH	43036.	.00
0614105	REPLACE FORMICA WALL FINISH	533853.	.05
0614402	REPAIR VINYL WALL FINISH	3106.	.00
0614405	REPLACE VINYL WALL FINISH	20786.	.00
0614502	REPAIR WALLPAPER WALL FINISH	139607.	.01
0614505	REPLACE WALLPAPER WALL FINISH	862522.	.07
0614702	REPAIR FABRIC INTERIOR WALL FINISH	14015.	.00
0614705	REPLACE FABRIC INTERIOR WALL FINISH	127168.	.01
0614802	REPAIR CARPETED INTERIOR WALL FINISH	41957.	.00
0614805	REPLACE CARPETED INTERIOR WALL FINISH	420666.	.04
0615102	REPAIR PLYWOOD(PAINTED)WALL FINISH	85843.	.01
0615103	REFIN.REPAIRED PLYWOOD(PAINTED)WALL FIN.	72196.	.01
0615104	REFINISH PLYWOOD(PAINTED)WALL FINISH	503348.	.04
0615105	REPLACE PLYWOOD(PAINTED)WALL FINISH	154316.	.01
0615106	REFIN.REPLACED PLYWOOD(PAINTED)WALL FIN.	50180.	.00
0615202	REPAIR PLYWOOD(UNFINISHED)WALL FINISH	6724.	.00
0615205	REPLACE PLYWOOD(UNFINISHED)WALL FINISH	12611.	.00
0615302	REPAIR TIMBER(FINISHED)WALL FINISH	55937.	.00
0615303	REFIN.REPAIRED TIMBER(FINISHED)WALL FIN.	19466.	.00
0615304	REFINISH TIMBER(FINISHED)WALL FINISH	129625.	.01
0615305	REPLACE TIMBER (FINISHED) WALL FINISH	190857.	.02
0615306	REFIN.REPLACED TIMBER(FINISHED)WALL FIN.	13434.	.00
0615402	REPAIR TIMBER (UNFINISHED) WALL FINISH	17295.	.00
0615405	REPLACE TIMBER(UNFINISHED)WALL FINISH	59030.	.01
0615502	REPAIR PANEL (SOLID) WALL FINISH	37828.	.00
0615503	REFINISH REPAIRED PANEL(SOLID)WALL FIN.	11086.	.00
0615504	REFINISH PANEL(SOLID)WALL FINISH	185791.	.02
0615602	REPAIR PANEL(LAMINATED)WALL FINISH	43070.	.00
0615603	REFIN.REPAIRED PANEL(LAMINATED)WALL FIN.	12848.	.00
0615604	REFINISH PANEL(LAMINATED)WALL FINISH	214782.	.02
0615702	REPAIR BOARD (FINISHED) WALL FINISH	9599.	.00
0615703	REFIN.REPAIRED BOARD(FINISHED)WALL FIN.	9515.	.00
0615704	REFINISH BOARD (FINISHED) WALL FINISH	172728.	.01
0615705	REPLACE BOARD (FINISHED) WALL FINISH	29910.	.00
0615706	REFIN.REPLACED BOARD(FINISHED)WALL FIN.	16825.	.00
0615802	REPAIR BOARD (UNFINISHED) WALL FINISH	5164.	.00
0615805	REPLACE BOARD(UNFINISHED)WALL FINISH	15667.	.00
0615902	REPAIR WAINSCOT WALL FINISH	4405.	.00
0615903	REFINISH REPAIRED WAINSCOT WALL FINISH	1432.	.00
0615904	REFINISH WAINSCOT WALL FINISH	10988.	.00
0615905	REPLACE WAINSCOT WALL FINISH	15786.	.00
0615906	REFINISH REPLACED WAINSCOT WALL FINISH	1093.	.00
0616105	REPLACE ALUMINUM WALL FINISH	46732.	.00
0616202	REPAIR STEEL INT.FINISH(UNPNTD)WALL FIN.	5512.	.00
0616302	REPAIR STEEL INT.FINISH(PNTD)WALL FINISH	17718.	.00
0616303	REFIN.REPRD.STEEL INT.FIN(PNTD)WALL FIN.	4632.	.00
0616304	REFINISH STEEL INT.FINISH(PNTD)WALL FIN.	3195941.	.27
0616402	REPAIR WIRE MESH WALL FINISH	19597.	.00
0616403	REFINISH REPAIRED WIRE MESH WALL FINISH	3963.	.00
0616404	REFINISH WIRE MESH WALL FINISH	2428635.	.21
0616505	REPLACE LEAD-LINED INTERIOR WALL	4408.	.00
0617102	REPAIR GLASS BLOCK WALL FINISH	38758.	.00
0617202	REPAIR PLATE GLASS WALL FINISH	40974.	.00
0619102	REPAIR STONE WALL FINISH	1512.	.00
0619202	REPAIR ACOUSTICAL TILE WALL FINISH	27059.	.00

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0619203	REFIN.REPAIRED ACOUSTICAL TILE WALL FIN.	1960.	.00
0619204	REFINISH ACOUSTICAL TILE WALL FINISH	1001854.	.09
0619205	REPLACE ACOUSTICAL TILE WALL FINISH	234188.	.02
0619206	REFIN.REPLACED ACOUSTICAL TILE WALL FIN.	16838.	.00
0619302	REPAIR CORK TILE WALL FINISH	622.	.00
0619305	REPLACE CORK TILE WALL FINISH	23119.	.00
0619502	REPAIR FIBERGLASS PANELS INTER.WALL FIN.	17670.	.00
0619503	REFIN.REPRD.FIBRGLASS PANELS INT.WALL FN	11311.	.00
0619504	REFINISH FIBERGLAS PANEL INTER.WALL FIN.	161894.	.01
0619505	REPLACE FIBERGLASS PANEL INT.WALL FINISH	40521.	.00
0619506	REFIN.REPLCD.FIBERGLS PNL INT.WALL FINS.	10492.	.00
061A102	REPAIR UNFINISHED CONCRETE WALL FINISH	791827.	.07
061A202	REPAIR FINISHED CONCRETE WALL FINISH	10471900.	.90
061A204	REFINISH FINISHED CONCRETE WALL FINISH	9513082.	.82
0622101	MINOR REPAIRS TO CERAMIC TILE FLOOR	41631.	.00
0622102	REPLACE CERAMIC TILE FLOOR	8316392.	.71
0622201	MINOR REPAIRS TO QUARRY TILE FLOOR	6153.	.00
0622202	REPLACE QUARRY TILE FLOOR	3890585.	.33
0622301	MINOR REPAIRS TO BRICK FLOOR	5348.	.00
0622302	REPLACE BRICK FLOORING	131866.	.01
0622401	MINOR REPAIRS TO MARBLE FLOOR	261.	.00
0622402	REPLACE MARBLE FLOOR	182620.	.02
0625101	MINOR REPAIRS TO WOOD PARQUETRY FLOOR	313814.	.03
0625102	SAND AND REFINISH PARQUETRY FLOOR	922299.	.08
0625103	REPLACE WOOD PARQUETRY FLOOR	2818973.	.24
0625201	MINOR REPAIRS TO MAPLE FLOOR	109940.	.01
0625202	SAND AND REFINISH MAPLE FLOOR	505722.	.04
0625203	REPLACE MAPLE FLOOR	762805.	.07
0625301	MINOR REPAIRS TO PLYWOOD FLOOR	21185.	.00
0625302	REPLACE PLYWOOD FLOOR	63768.	.01
0626101	MINOR REPAIRS TO STEEL FLOOR	5571.	.00
0626102	REPLACE STEEL DECK FLOORING	172116.	.01
0626201	MINOR REPAIRS TO METAL FLOOR GRATING	55000.	.00
0626202	REPLACE METAL FLOOR GRATING	2073899.	.18
0629101	MINOR REPAIRS TO CARPET	149680.	.01
0629102	REPLACE CARPET	16375440.	1.41
0629201	MINOR REPAIR TO CORK TILE FLOORING	304.	.00
0629202	REPLACE CORK TILE FLOORING	27896.	.00
062A101	MINOR REPAIRS TO LINOLEUM FLOOR	40859.	.00
062A102	REPLACE LINOLEUM FLOOR	2787537.	.24
062A201	MINOR REPAIRS TO VINYL ASB.TILE FLOORING	425978.	.04
062A202	REPLACE VINYL ASBESTOS TILE FLOORING	29861070.	2.56
062A301	MINOR REPAIRS TO RUBBER TILE FLOOR	25370.	.00
062A302	REPLACE RUBBER TILE FLOORING	2009274.	.17
062A401	MINOR REPAIR VINYL SHEET FLOORING	27743.	.00
062A402	REPLACE VINYL SHEET FLOORING	1841979.	.16
0628101	MINOR REPAIRS TO CONCRETE FLOOR	1914290.	.16
0628102	REPLACE UNFINISHED CONCRETE FLOOR	4107045.	.35
0628201	MINOR REPAIRS TO FINISHED CONCRETE FLOOR	1652766.	.14
0628202	REFINISH CONCRETE FLOOR	4212073.	.36
0628203	REPLACE FINISHED CONCRETE FLOOR	3618469.	.31
062C001	MINOR REPAIRS TO TERRAZZO FLOOR	268677.	.02
062C002	REPLACE TERRAZZO FLOOR	1467224.	.13
062D101	MINOR REPAIR TO BITUMINOUS FLOORING	480.	.00
062D102	REPLACE BITUMINOUS FLOORING	25969.	.00
0631102	REPAIR PLASTER CEILING FINISH	5904795.	.51
0631103	REFINISH REPAIRED PLASTER CEILING FINISH	1819674.	.16
0631104	REFINISH PLASTER CEILING FINISH	17369630.	1.49
0631202	REPAIR SHEETROCK(STIPPLED)CEILING FINISH	53514.	.00
0631203	REFIN.REPAIRED SHEETROCK(STIPLD)CLG.FIN.	20605.	.00
0631204	REFINISH SHEETROCK(STIPPLED)CEILING FIN.	339168.	.03
0631302	REPAIR SHEETROCK(UNSTIPPLED)CEILING FIN.	377314.	.03
0631303	REFIN.REPRD.SHEETROCK(UNSTPLD)CEILG.FIN.	146965.	.01
0631304	REFINISH SHEETROCK(UNSTIPPLED)CEILG.FIN.	2524476.	.22
0631402	REPAIR STUCCO INTERIOR CEILING FINISH	41425.	.00
0631403	REFIN.REPRD. STUCCO INTERIOR CEILING FN.	15022.	.00
0631404	REFINISH STUCCO INTERIOR CEILING FINISH	1114398.	.10
0632102	REPAIR ACOUSTIC TILE CEILING FINISH	279258.	.02

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0632105	REPLACE ACOUSTIC TILE CEILING FINISH	178343.	.02
0632202	REPAIR ACOUSTIC TILE(DROPPD)CEILING FIN.	472217.	.04
0632205	REPLACE ACOUSTIC TILE(DROPPED)CEILG.FIN.	1022527.	.09
0632302	REPAIR CERAMIC (PAN) CEILING FINISH	35.	.00
0632305	REPLACE CERAMIC (PAN) CEILING FINISH	16263.	.00
0632402	REPAIR CERAMIC (TILE) CEILING FINISH	60.	.00
0632405	REPLACE CERAMIC (TILE) CEILING FINISH	3217.	.00
0634102	REPAIR PAPER CEILING FINISH	14670.	.00
0634105	REPLACE PAPER CEILING FINISH	89565.	.01
0634202	REPAIR PLASTIC CEILING FINISH	5891.	.00
0634205	REPLACE PLASTIC CEILING FINISH	40775.	.00
0634302	REPAIR FABRIC CEILING FINISH	468.	.00
0634305	REPLACE FABRIC CEILING FINISH	2866.	.00
0634402	REPAIR FORMICA INT.CEILING FINISH	6016.	.00
0634405	REPLACE FORMICA CEILING FINISH	77088.	.01
0635102	REPAIR WOOD (FINISHED) CEILING FINISH	503660.	.04
0635103	REFIN.REPAIRD.WOOD(FINISHED)CEILING FIN.	178459.	.02
0635104	REFINISH WOOD(FINISHED)CEILING FINISH	1023353.	.09
0635105	REPLACE WOOD(FINISHED)CEILING FINISH	1798602.	.15
0635106	REFIN.REPLCED.WOOD(FINISHED)CEILING FIN.	138659.	.01
0635202	REPAIR WOOD (UNFINISHED) CEILING FINISH	1375672.	.12
0635205	REPLACE WOOD(UNFINISHED)CEILING FINISH	5084356.	.44
0636102	REPAIR ALUMINIUM PANEL CEILING FINISH	449832.	.04
0636103	REFIN.REPRD.ALUMINIUM PANEL CEILING FIN.	203423.	.02
0636104	REFINISH ALUMINIUM PANEL CEILING FINISH	2748864.	.24
0636105	REPLACE ALUMINIUM PANEL CEILING FINISH	1068162.	.09
0636106	REFIN.REPLCD.ALUMINIUM PANEL CEILG. FIN.	45255.	.00
0636202	REPAIR METAL UNPAINTED CEILING FINISH	31990.	.00
0637102	REPAIR PLATE GLASS (MOUNTED)CEILING FIN.	25403.	.00
0637105	REPLACE PLATE GLASS(MOUNTED)CEILING FIN.	228207.	.02
0637202	REPAIR PLATE GLASS(SUSPND)CEILING FINISH	2574.	.00
0637205	REPLACE PLATE GLASS(SUSPND)CEILING FIN.	5934.	.00
0637312	REPAIR SINGLE GLASS SKYLIGHT UNIT	5722.	.00
0637322	REPAIR SKYLIGHT INTEGRATED W/STRUCTURE	2636.	.00
0639102	REPAIR SPECL.PURP.ACOUSTIC.TILE CLG.FIN.	1170.	.00
0639105	REPLACE SPEC.PURP.ACOUSTIC.TILE CLG.FIN.	2775.	.00
0639302	REPAIR ASBETOS-ACOUST.FIRE RTD.TILE FIN.	3717.	.00
0639303	REFIN.REPRD.ASBESTOS-ACOUST.RTD.TILE FIN	270.	.00
0639304	REFINISH ASBESTOS-ACOUST.RTD.TILE FIN.	34787.	.00
0639305	REPLC.ASBESTOS-ACOUST.FIRE RTD.TILE FIN.	32396.	.00
0639306	RFIN.RPLCD.ASBESTOS-ACOUST.RTD.TILE FIN.	2339.	.00
0639402	REPAIR FIBERGLASS PANEL CEILING FINISH	10844.	.00
0639403	REFIN.REPRD.FIBERGLASS CEILING FINISH	6920.	.00
0639404	REFINISH FIBERGLASS PANEL CEILING FINISH	106152.	.01
0639405	REPLACE FIBERGLASS PANEL CEILING FINISH	24946.	.00
0639406	REFIN.REPLCD.FIBERGLS.PANEL CEILING FIN.	6425.	.00
063A102	REPAIR (UNFINISHED)CONCRETE CEILING FIN.	251834.	.02
063A202	REPAIR (FINISHED) CONCRETE CEILIING FIN.	1655005.	.14
063A204	REFINISH (FINISHED)CONCRETE CEILING FIN.	2785714.	.24
0811101	REPLACE FLUSH VALVE-TANKLESS WATER CLOST	402126.	.03
0811102	UNPLUG CLOGGED LINE-TANKLESS WATER CLOST	1777475.	.15
0811103	REPLACE TNAKLESS WATER CLOSET	1905574.	.16
0811201	UNPLUG CLOGGED LINE-FLUSH TANK WTR CLOST	786766.	.07
0811202	REPL WASHER IN BALL COCK-FLH TANK WTR CL	93490.	.01
0811203	REPL WORN PARTS IN FLUSH TANK WATER CLOS	322223.	.03
0811204	INSTLL GASKET IN SPUD CONNECT-FLH TK WTR	9621.	.00
0811205	REPLACE FLUSH TANK WATER CLOSET	578798.	.05
0811301	REPLACE FEESH VALVE - URINAL	351689.	.03
0811302	UNPLUG LINE - URINAL	1694562.	.15
0811303	REPLACE URINAL	1082914.	.09
0811401	REPL WASHER IN SPUD CONNECT-LAV IRON EML	690.	.00
0811402	REPLACE WASHER IN FAUCET-IRON, ENAMEL L	2838.	.00
0811403	REPLACE SUPPORT RODS-IRON, ENAMEL L	622.	.00
0811404	REPLACE FAUCETS - IRON, ENAMEL LAVATORY	7778.	.00
0811405	CLEAN OUT STRAINER AND P TRAP-IRON,ENAML	9560.	.00
0811406	REPLACE LAVATORY - IRON, ENAMEL	6894.	.00
0811501	REPLACE WASHER IN SPUD CONNECTION-VIT CH	104915.	.01
0811502	REPLACE WASHER IN FAUCET-VITR CHINA L	469890.	.04

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0811S03	REPLACE SUPPORT RODS-VITREOUS CHINA L	112752.	.01
0811S04	REPLACE FAUCETS-VITREOUS CHINA LAVATORY	1466582.	.13
0811S05	CLEAN OUT STRAINER AND P TRAP-VITR CHINA	1583057.	.14
0811S06	REPLACE LAVATORY - VITREOUS CHINA	1570601.	.13
0811601	REPLACE WASHER IN SPUD CONNECTION-EN ST	4731.	.00
0811602	REPLACE WASHER IN FAUCET-ENAMELED STEEL	21213.	.00
0811603	REPLACE SUPPORT RODS-ENAMELED STEEL L	5110.	.00
0811604	REPLACE FAUCETS-ENAMELED STEEL LAVATORY	66953.	.01
0811605	CLEAN OUT STRAINER AND P TRAP-EN ST LA	71510.	.01
0811606	REPLACE LAVATORY - ENAMELED STEEL	38611.	.00
0811801	INSPECT/CLEAN SHOWER HEAD-ENAMEL STL TUB	23373.	.00
0811802	REPLACE FAUCET WASHER-ENAMEL STL TUB	45865.	.00
0811803	REPLACE FAUCETS-ENAMEL STL BATH TUB	198556.	.02
0811804	RESEAL - BATH TUB, ENAMELED STEEL	84599.	.01
0811805	REPAIR DIVERTER VALVE-ENAMEL ST BATH TUB	254891.	.02
0811806	UNSTOP - ENAMELED STEEL BATH TUB	181056.	.02
0811807	REPLACE TUB - ENAMELED STEEL BATH TUB	218582.	.02
0811A01	INSPECT/CLEAN SHOWER HEAD - ENAMEL STEEL	36791.	.00
0811A02	REPLACE FAUCET WASHER - ENAMELED STEEL	70525.	.01
0811A03	REPLACE FAUCETS - ENAMELED STEEL	272603.	.02
0811A04	RESEAL - ENAMELED STEEL SHOWER	131790.	.01
0811A05	UNSTOP - ENAMELED STEEL SHOWER	278954.	.02
0811A06	REPLACE SHOWER - ENAMELED STEEL	410867.	.04
0811B01	INSPECT/CLEAN SHOWER HEAD-PLASTIC SHOWER	1556.	.00
0811B02	REPLACE FAUCET WASHER - PLASTIC SHOWER	2875.	.00
0811B03	REPLACE FAUCETS - PLASTIC SHOWER	7962.	.00
0811B04	RESEAL - PLASTIC SHOWER	5085.	.00
0811B05	UNSTOP - PLASTIC SHOWER	11380.	.00
0811B06	REPLACE SHOWER AND FITTINGS-PLASTIC SH	18122.	.00
0811D01	REPLACE FAUCET WASHER -IRON ENAMEL SINK	28786.	.00
0811D02	CLEAN TRAP-IRON ENAMEL SINK	22187.	.00
0811D03	REPLACE FAUCETS - IRON ENAMEL SINK	93329.	.01
0811D04	UNSTOP - IRON ENAMEL SINK	113429.	.01
0811D05	REPAIR STRAINER - IRON ENAMEL SINK	52261.	.00
0811D06	REPLACE SINK - IRON ENAMEL SINK	104797.	.01
0811E01	REPLACE FAUCET WASHER-ENAMELED STL SINK	102946.	.01
0811E02	CLEAN TRAP - ENAMELED STEEL SINK	80042.	.01
0811E03	REPLACE FAUCETS - ENAMELED STEEL SINK	340886.	.03
0811E04	UNSTOP - ENAMELED STEEL SINK	405540.	.03
0811E05	REPAIR STRAINER - ENAMELED STEEL SINK	186775.	.02
0811E06	REPLACE SINK - ENAMELED STEEL	235044.	.02
0811F01	REPLACE FAUCET WASHER-STAINLESS STL SINK	464285.	.04
0811F02	CLEAN TRAP - STAINLESS STEEL SINK	379219.	.03
0811F03	REPLACE FAUCETS - STAINLESS STEEL SINK	1570301.	.13
0811F04	UNSTOP - STAINLESS STEEL SINK	1822197.	.16
0811F05	REPAIR STRAINER - STAINLESS STEEL SINK	784452.	.07
0811F06	REPLACE SINK - STAINLESS STEEL	1866380.	.16
0811G01	REPLACE FAUCET WASHER - PLASTIC SINK	25179.	.00
0811G02	CLEAN TRAP - PLASTIC SINK	11344.	.00
0811G03	REPLACE FAUCETS - PLASTIC SINK	71486.	.01
0811G04	UNSTOP - PLASTIC SINK	99152.	.01
0811G05	REPAIR STRAINER - PLASTIC SINK	29114.	.00
0811G06	REPLACE SINK AND FITTINGS-PLASTIC SINK	136772.	.01
0811H01	CHECK/MINOR REPAIRS - DRINKING FOUNTAIN	914093.	.08
0811H02	REPAIR INTERNAL LEAKS-DRINKING FOUNTAIN	169366.	.01
0811H03	CORRECT WATER PRESSURE-DRINKING FOUNTAIN	291044.	.02
0811H04	REPLACE FREON - DRINKING FOUNTAIN	606899.	.05
0811H05	REPAIR DRAIN LEAK - DRINKING FOUNTAIN	155265.	.01
0811H06	UNSTOP DRAIN - DRINKING FOUNTAIN	155410.	.01
0811H07	REPLACE FOUNTAIN	3408213.	.29
0811I01	REPACK GLAND-SPIGOT	1138693.	.10
0811I02	REPL OLD VALVE WITH NEW,PARTIAL-SPIGOT	421518.	.04
0811J01	INSPECT/CLEAN SHWR HEAD-BATHTUB,PLASTIC	2888.	.00
0811J02	REPLACE FAUCET WASHER-BATHTUB, PLASTIC	5344.	.00
0811J03	REPLACE FAUCETS-BATHTUB, PLASTIC	13910.	.00
0811J04	RESEAL BATHTUB, PLASTIC	9451.	.00
0811J05	REPAIR DIVERTER VALVE-BATHTUB, PLASTIC	27637.	.00
0811J06	UNSTOP BATHTUB, PLASTIC	7050.	.00

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0811J07	REPLACE BATHTUB, PLASTIC	127516.	.01
0811K01	REPL WASHER IN SPUD CONNECT-LAVTRY,PLAST	152.	.00
0811K02	REPL WASHR IN FAUCET, LAVATORY, PLASTIC	739.	.00
0811K03	REPLACE SUPPORT RODS, LAVATORY, PLASTIC	115.	.00
0811K04	REPLACE FAUCETS, LAVATORY, PLASTIC	1695.	.00
0811K05	CLEAN OUT STRAINR & P TRAP, LAV, PLASTIC	2496.	.00
0811K06	REPLACE LAVATORY, PLASTIC	3502.	.00
0811L01	REPACK VALVE GLANDS-EMERG SHWR STATION	786.	.00
0811L02	INSP & CLEAN SHWR HEAD-EMERG SHWR STA	1085.	.00
0811L03	REPLACE SHOWER-EMERGENCY SHOWER STATION	9197.	.00
0811M01	REPACK VALVE GLANDS-EMERG EYE WASH	3371.	.00
0811M02	INSP & CLEAN SPRAY HEADS-EMERG EYE WASH	4477.	.00
0811M03	REPLACE EYE WASH STATION-EMERG EYE WASH	31097.	.00
0811N01	INSPEC/CLEAN SHOWER HEAD, SHOWER, CMU	68.	.00
0811N02	REPLACE FAUCET WASHER-SHOWER CMU	126.	.00
0811N03	REPLACE FAUCETS-SHOWER, CMU	372.	.00
0811N04	RESEAL-SHOWER, CMU	221.	.00
0811N05	UNSTOP - SHOWER, CMU	497.	.00
0811N06	REPLACE SHOWER-SHOWER,CPU	7916.	.00
0811R01	INSP/CLEAN SHWR HEAD-SHWR CERAMIC TILE	803898.	.07
0811R02	REPL FAUCET WASHER-SHWR CERAMIC TILE	1543783.	.13
0811R03	REPLACE FAUCETS-SHOWER CERAMIC TILE	4855616.	.42
0811R04	RESEAL-SHOWER CERAMIC TILE	2925791.	.25
0811R05	UNSTOP - SHOWER CERAMIC TILE	6111153.	.52
0811R06	REPLACE SHOWER - SHOWER CERAMIC TILE	63521990.	5.45
0812201	CLEAN DRAIN - FLOOR, WITHOUT BUCKET	2377586.	.20
0812202	REPLACE STRAINER-FL DRAIN, WITHOUT BUCKT	76056.	.01
0812203	REPLACE FLOOR DRAIN- WITHOUT BUCKET	663811.	.06
0812301	CLEAN OUT BUCKET - FLOOR DRAIN	698445.	.06
0812302	REPLACE STRAINER-FL DRAIN, WITH BUCKET	15099.	.00
0812303	REPLACE FLOOR DRAIN - WITH BUCKET	267001.	.02
0813201	RESOLDER JOINT-PIPE & FITTINGS, COPPER	155.	.00
0813202	INSTALL 10' SECTION-PIPE & F, COPPER	2113.	.00
0813203	REPLACE PIPE AND FITTINGS - COPPER	45629.	.00
0813301	REPACK GLAND-VALVE,NON-DRAIN 3/8"-1 1/2"	538744.	.05
0813302	INSTALL NEW VALVE- NON-DRAIN 3/8"-1 1/2"	1134456.	.10
0813401	REPACK GLAND-VALVE, NON-DRAIN 2"-3"	54377.	.00
0813402	INSTALL NEW VALVE - NON-DRAIN 2"-3"	586093.	.05
0813501	REPACK GLAND- VALVE, NON-DRAIN 4"-6"	300267.	.03
0813502	INSTALL NEW VALVE - NON-DRAIN 4"-6"	200127.	.02
0813601	REPACK GLAND - DRAIN VALVE	473598.	.04
0813602	REPLACE VALVE STEM ASSEMBLY-DRAIN VALVE	137497.	.01
0813603	INSTALL NEW VALVE - DRAIN	266127.	.02
0813701	REFILL EXPANSION CHAMBER	7.	.00
0813702	INSTALL NEW EXPANSION CHAMBER	2552.	.00
0813801	OVERHAUL WATER METER	15946.	.00
0813802	INSTALL NEW WATER METER	45546.	.00
0813A01	OVERHAUL 1 1/2HP PUMP, REPL SEALS - COLD	164.	.00
0813A02	INSP/CHK1 1/2HP PUMP/MOTOR OPER,LUBR-COD	593.	.00
0813A03	REPLACE PUMP/MOTOR ASSEMBLY,1 1/2 HP-CLD	2594.	.00
0813B01	OVERHAUL 1/6HP PUMP, REPLACE SEALS-COLD	3690.	.00
0813B02	INSP/CHK 1/6HP PUMP/MOTOR OPER,LUB-COLD	3245.	.00
0813B03	REPLACE 1/6HP PUMP/MOTOR ASSEMBLY-COLD	26397.	.00
0813C01	OVERHAUL 1/2HP PUMP,REP SEAL BEARIN-COLD	5904.	.00
0813C02	INSP/CHK 1/2HP PUMP/MOTOR OP,LUBR-COLD	6598.	.00
0813C03	REPLACE 1/2HP PUMP/MOTOR ASSEMBLY-COLD	16709.	.00
0813E01	REPACK GLAND-HOSE BIBB	75648.	.01
0813E02	REPL OLD VALVE,PARTIAL- HOSE BIBB	37248.	.00
0813F01	OVRHL PUMP,REPL SEAL/BRNGS-CIRC PUMP>1HP	2491.	.00
0813F02	PREV MAINT-CIRC PUMP >1 HP	3063.	.00
0813F03	REPLACE MOTOR-PUMP ASSEMBLY > 1HP	6947.	.00
0814301	REPACK GLAND-VALVE,NON-DRAIN 3/8"-1 1/2"	890543.	.08
0814302	INSTALL NEW VALVE-NON DRAIN 3/8"-1 1/2"	1957084.	.17
0814401	REPACK GLAND - VALVE, NON DRAIN 2"-3"	281443.	.02
0814402	INSTALL NEW VALVE, NON DRAIN 2"-3"	3025714.	.26
0814501	REPACK GLAND -VALVE NON DRAIN 4-6"	1238476.	.11
0814502	INSTALL NEW VALVE, NON DRAIN 4"-6"	1775768.	.15
0814601	REPACK GLAND - VALVE DRAIN	441047.	.04

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0814602	REPLACE VALVE STEM ASSEMBLY	300369.	.03
0814603	INSTALL NEW VALVE, DRAIN	610363.	.05
0814701	REFILL EXPANSION CHAMBER	1286.	.00
0814702	INSTALL NEW EXPANSION CHAMBER	125325.	.01
0814901	OVERHAUL 1 1/2HP PUMP,REPL SEALS-HOT WTR	4251.	.00
0814902	INSP/CHK 1 1/2HP PUMP/MOTOR OP,LUBR-HOT	15793.	.00
0814903	REPL 1 1/2HP PUMP/MOTOR ASSEMBLY-HOT	90572.	.01
0814A01	OVERHAUL 1/6HP PUMP, REPL SEALS - HOT	30373.	.00
0814A02	INSP/CHK 1/6HP PUMP/MOTOR OPER, LUBR-HOT	107494.	.01
0814A03	REPLACE 1/6HP PUMP/MOTOR ASSEMBLY - HOT	908468.	.08
0814B01	OVERHAUL 1/2HP PUMP, REPL SEAL- HOT WATR	18075.	.00
0814B02	INSP/CHK 1/2HP PUMP/MOTOR OPER,LUBR- HOT	63867.	.01
0814B03	REPLACE 1/2HP PUMP/MOTOR ASSEMBLY - HOT	630736.	.05
0814C01	REPAIR STEAM LEAK-STERM CONVERTOR,DOMEST	197177.	.02
0814C02	INSEPCT FOR LEAKS-STEAM CONVERTOR, DOMES	15594.	.00
0814C03	REPLACE STEAM CONVERTOR-DOMESTIC HOT WTR	392380.	.03
0814D01	REPAIR HOT WATER HTR. GAS/OIL 30 GAL.	380.	.00
0814D02	CLN & SERV-HOT WATER HTR,GAS/OIL 30 GAL	7198.	.00
0814D03	REPLACE HOT WATER HEATER, GAS/OIL 30 GAL	1844.	.00
0814E01	OVERHAUL WATER HTR, GAS/OIL 75 GAL	2171.	.00
0814E02	CLEAN &SERVICE HOT WATER HTR,GAS/OIL 75G	14395.	.00
0814E03	REPLACE HOT WATER HEATER, GAS/OIL 75 GAL	15004.	.00
0814H01	DRAIN AND FLUSH HOT WATER HTR.ELEC 120 G	29427.	.00
0814H02	CHECK OPERATION-HOT WATER HTR.ELEC 120 G	716.	.00
0814H03	REPLACE HOT WATER HEATER ELEC 120 GAL	465508.	.04
0814I01	DRAIN AND FLUSH HOT WATER HTR.ELEC 300 G	17620.	.00
0814I02	CHECK OPERATION-HOT WATER HTR.ELEC 300 G	433.	.00
0814I03	REPLACE HOT WATER HEATER ELEC 300 GAL	519387.	.04
0814J01	DRAIN & FLUSH HOT WATER HTR.ELEC 1000 G	7114.	.00
0814J02	CHECK OPERATION-HOT WATER HTR.ELEC1000 G	175	.00
0814J03	REPLACE HOT WATER HEATER ELEC 1000 GAL	659976.	.06
0814L01	DRAIN & FLUSH-HOT WAT HEAT ELECT, 52 GAL	61862.	.01
0814L02	CHECK OPER. HOT WATER HEAT ELECT 52 GAL	2272.	.00
0814L03	REPLACE HOT WATER HEATER, ELECT. 52 GAL	183966.	.02
0814M01	CLEAN & SCRAPE HOT WTR STORAGE TANK, DHW	361325.	.03
0814M02	REPLACE HOT WATER STORAGE TANK, DHW	80161.	.01
0814O01	OVERHAUL PUMP - REPL BEARING,SEAL > 1HP	291.	.00
0814O02	INSP-CHK PUMP/MOTOR OPER/ALIGN >1HP, HOT	358.	.00
0814O03	REPLACE PUMP/MOTOR ASSEMBLY > 1HP - HOT	6139.	.00
0821101	GENERAL MAINT&REP-DRAIN,ROOF SCUPPER,ARE	101033.	.01
0821105	REPLACE DRAIN, ROOF SCUPPER, AREA	40410.	.00
0822101	GENERAL MAINT & REPAIR-GUTTERS OR PIPE	2924741.	.25
0822102	REPLACE PIPE OR GUTTER	6192345.	.53
0823101	OVERHAUL SUMP PUMP, REPL SEAL/BEARING	10554.	.00
0823102	INSP./CHK PUMP/MOTOR OPER.,CHK ALIGN.	11854.	.00
0823103	REPL PUMP/MOTOR ASSEM, PARTIAL-SUMP PUMP	70236.	.01
0831111	CHECK AND ADJUST COMPRESSOR - 1H.P	196226.	.02
0831112	REPAIR COMPRESSOR - 1 H.P.	386825.	.03
0831113	REPLACE COMPRESSOR 1 H.P.	1519296.	.13
0831121	OVERHAUL VACUUM PUMP	25284.	.00
0831122	CHECK OPERATION, VACUUM PUMP	22983.	.00
0831123	REPLACE VACUUM PUMP	415869.	.04
0831131	CHECK AND ADJUST GAS COMPRESSOR >1/2 HP	63565.	.01
0831132	REPAIR GAS COMPRESSOR > 1/2 HP	126150.	.01
0831133	REPLACE GAS COMPRESSOR > 1/2 HP	249607.	.02
0831141	CHECK AND ADJUST GAS COMPRESSOR > 15 HP	4053.	.00
0831142	REPAIR GAS COMPRESSOR > 15 HP	8343.	.00
0831143	REPLACE GAS COMPRESSOR > 15 HP	22155.	.00
0831151	RECHARGE SYSTEM-COMPRESSED AIR DRYER	786.	.00
0831152	REPLACE COMPRESSOR-COMPRESSED AIR DRYER	7220.	.00
0831153	CHECK OPERATION-COMPRESSED AIR DRYER	1316.	.00
0831154	REPLACE COMPRESSED AIR DRYER	25866.	.00
0831211	REPLACE RUBBER HOSE, COMPRESSED AIR	35225.	.00
0841101	GENERAL MAINTENANCE & REPAIR-DISHWASHER	467552.	.04
0841102	REPLACE UNIT - DISHWASHER	999734.	.09
0841201	UNSTOP WASTE DISPOSAL, RESIDENTIAL	2088.	.00
0841202	REPLACE UNIT-WASTE DISPOSAL, RESIDENTIAL	1932.	.00
0841301	GEN MAINT AND REPAIR, WATER SOFTENER	3826.	.00

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0841302	CHK OPERATION & ADD SALT-WATER SOFTENER	1893070.	.16
0841303	REPLACE WATER SOFTENER	166117.	.01
0844111	REPAIR OPEN HEAD-SPRINKLER HEAD	372918.	.03
0844112	INSPECT SPRINKLER SYST-SPRINKLER HEAD	113460.	.01
0844113	REPLACE OPEN-HEAD SPRINKLER HEAD	210068.	.02
0921101	REPLACE OIL STORAGE TANK, 275 GALLON	42087.	.00
0971101	REPLACE LPG STORAGE TANK ,1000 GALLON	9990.	.00
0941101	REPAIR STEAM CONVERTOR, <300,000	675901.	.06
0941102	INSPECT FOR LEAKS STEAM CONVT <300,000	26211.	.00
0941103	REPLACE STEAM CONVERTOR <300,000	892369.	.08
0941201	REPAIR FLASH TANK, 24 GALLON	56697.	.00
0941202	CHECK FOR LEAKS FLASH TANK, 24 GALLON	1669.	.00
0941203	REPLACE FLASH TANK, 24 GALLON	51072.	.00
0941301	REPLACE STEAM REGUL. VALVE-2"	559908.	.05
0941501	REPAIR METER, < 300#/HR	15941.	.00
0941502	PREVENTIVE MAINTENANCE CLEANIN <300#/HR	5988.	.00
0941503	REPLACE METER < 300#/HR	18620.	.00
0942101	REPLACE RADIATOR VALVE - 1"	1776921.	.15
0943101	REPLACE CAST IRON RADIATOR 10 SECT	8063560.	.69
0943301	REPLACE FIN RADIATOR, WALL 10 FT	10238910.	.88
0981311	REPAIR OIL BOILER - 250 BTU	38474.	.00
0981312	PREV MAINT ANNUAL INSP-OIL BLR 250 BTU	18909.	.00
0981313	PREV MAINT EXTER INSP-OIL BLR 250 BTU	15223.	.00
0981314	PREV MAINT WKLY TOUR-OIL BOILER 250 BTU	317645.	.03
0981315	PREV MAINT CLEAN BURNER-OIL BLR 250 BTU	45668.	.00
0981316	REPLACE OIL BOILER - 250 BTU	70108.	.01
0981321	REPAIR OIL BOILER - 2000 BTU	6377.	.00
0981322	PREV MAINT ANNUAL INSP-OIL BLR 2000 BTU	13237.	.00
0981323	PREV MAINT EXTER INSP-OIL BLR 2000 BTU	6388.	.00
0981324	PREV MAINT WKLY TOUR-OIL BLR 2000 BTU	79411.	.01
0981325	PREV MAINT CLEAN BURNER-OIL BLR 2000 BTU	14373.	.00
0981326	REPLACE OIL BOILER - 2000 BTU	74360.	.01
0981411	REPAIR DUAL FIRED BOILER - 2000 BTU	9671.	.00
0981412	PREV MAINT ANN-DUAL FIRED BLR 2000 BTU	17964.	.00
0981413	PREV MAINT EXT INSP-DL FIRED BLR 2000BTU	5074.	.00
0981414	PREV MAINT WKLY TR-DUAL FIRED BLR2000BTU	79411.	.01
0981415	REPLACE DUAL FIRED BOILER - 2000 BTU	89264.	.01
0981511	REPAIR BOILER PNEUMATIC COAL SPREADER	39093.	.00
0981512	PREV MAINT DAILY-BLR PNEUMAT CL SPREADER	190602.	.02
0981513	PREV MAINT WEEKLY-BLR PNEUMAT CL SPREADR	222129.	.02
0981514	PREV MAINT MONTHLY-BLR PNEUMAT CL SPREAD	103286.	.01
0981515	PREV MAINT ANNUAL-BLR PNEUMAT CL SPREADR	22061.	.00
0981516	REPLACE PNEUMATIC COAL SPREADER	170073.	.01
0981711	REPAIR FUEL OIL EQUIPMENT	2374.	.00
0981712	PREV MAINT - FUEL OIL EQUIPMENT	3637.	.00
0981713	REPLACE FUEL OIL EQUIPMENT	13534.	.00
0981811	REPAIR CHEMICAL FEED	90770.	.01
0981812	PREVENTIVE MAINT - CHEMICAL FEED SYSTEM	80629.	.01
0981813	REPLACE CHEMICAL FEEDER	187308.	.02
0981911	REPAIR FEED WATER SUPPLY PUMP	1555807.	.13
0981912	PREV MAINT - FEED WATER SUPPLY PUMP	2221342.	.19
0981913	REPLACE FEED WATER SUPPLY PUMP	1249649.	.11
0981A11	REPAIR DEAERATOR	11333.	.00
0981A12	PREVENTIVE MAINTENANCE - DEAERATOR	5830538.	.50
0981A13	REPLACE DEAERATOR	20339210.	1.75
0981B12	REPLACE BOILER BLOWOFF SYSTEM	9243.	.00
0981D11	REPAIR OIL HOUSE FURNACE - 25 KBTU	12412.	.00
0981D12	PREV MAINT - OIL HOUSE FURNACE 25 KBTU	24758.	.00
0981D13	REPLACE OIL HOUSE FURNACE - 25 KBTU	23670.	.00
0981D21	REPAIR OIL HOUSE FURNACE - 100 KBTU	4499.	.00
0981D22	PREV MAINT - OIL HOUSE FURNACE 100 KBTU	12921.	.00
0981D23	REPLACE OIL HOUSE FURNACE - 100 KBTU	14174.	.00
0981D31	REPAIR OIL HOUSE FURNACE - 200 KBTU	10347.	.00
0981D32	PREV MAINT - OIL HOUSE FURNACE 200 KBTU	25843.	.00
0981D33	REPLACE OIL HOUSE FURNACE - 200 KBTU	32200.	.00
0981F01	REPLACE RADIATOR, CAST IRON 10' SEC	727080.	.06
0981H01	REPLACE WALL RADIATOR, FINNED 10' SEC	1653760.	.14
0981101	REFILL EXPANSION TANK	2819.	.00

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0981102	REPLACE EXPANSION TANK	63925.	.01
0981J11	REPAIR STEAM CONVERTOR < 300,000	6108.	.00
0981J12	INSP FOR LEAKS-STEAM CONVERTOR < 300,000	207.	.00
0981J13	REPLACE STEAM CONVERTOR < 300,000	11198.	.00
0981K11	REPAIR FLASH TANK	107198.	.01
0981K12	PREVENTIVE MAINTENANCE ON FLASH TANK	3212.	.00
0981K13	REPLACE FLASH TANK	77590.	.01
0981L01	CLEAN AND SCRAPE-STORAGE TANK, DHW	79139.	.01
0981L02	REPLACE STORAGE TANK, DHW	19854.	.00
0984211	REPACK GATE VALVE GLAND, 3/8" - 1 1/2"	754752.	.06
0984212	REPLACE GATE VALVE, 3/8" - 1 1/2"	589924.	.05
0984221	REPACK GATE VALVE GLAND, 2"-3"	91336.	.01
0984222	REPLACE GATE VALVE, 2"-3"	1372738.	.12
0984281	M/R, REPACK DRAIN VALVE GLAND	1292484.	.11
0984282	REPLACE DRAIN VALVE STEM ASSEMBLY	418112.	.04
0984283	REPLACE/ REPLACE DRAIN VALVE	832984.	.07
0984291	REPLACE RADIATOR VALVE 1"	728796.	.06
09842A1	REPLACE PRESSURE REDUCER VALVE 2"	7422585.	.64
0984371	REPAIR STEAM TRAP, F&T < 1"	182230.	.02
0984372	PREVENTIVE MAINT ON STEAM TRAP, F&T < 1"	263207.	.02
0984373	REPLACE STEAM TRAP, F&T < 1"	210518.	.02
09843A1	REPAIR BROKEN INSULATION - AIR SEPARATOR	651.	.00
09843A2	REPLACE INSULATION - AIR SEPARATOR	34497.	.00
0984411	REPAIR CIRCULATION PUMP, < 1HP	303581.	.03
0984412	PREV MAINT ON CIRCULATOR PUMP, < 1HP	273010.	.02
0984413	REPLACE CIRCULATOR PUMP, < 1HP	3642186.	.31
0984421	REPAIR CIRCULATION PUMP - 5HP	56275.	.00
0984422	PREV MAINT - CIRCULATION PUMP 5HP	13759.	.00
0984423	REPLACE CIRCULATION PUMP 5 HP	544148.	.05
0984461	REPAIR CONDENSATE RECEIVER, 10-15 GALLON	26374.	.00
0984462	REPAIR CONDENSATE RECEIVER,HOT 10-15 GAL	4197.	.00
0984463	PREV MAINT ON CONDENSATE RCVR, 10-15 GAL	30907.	.00
0984464	REPLACE CONDENSATE RECEIVER, 10-15 GAL	133419.	.01
0991111	REPAIR A/C DX PACKAGED - 5 TONS	8765.	.00
0991112	PREV MAINT - A/C DX PACKAGED 5 TONS	5840.	.00
0991113	REPLACE A/C DX PACKAGED - 5 TONS	5978.	.00
0991211	REPAIR A/C WINDOW - 1 TON	3953.	.00
0991212	PREV MAINT - A/C WINDOW 1 TON	97366.	.01
0991213	REPLACE A/C WINDOW - 1 TON	101001.	.01
0991221	REPAIR A/C WINDOW - 2 TONS	171.	.00
0991222	PREVENTIVE MAINT - A/C WINDOW 2 TONS	4132.	.00
0991223	REPLACE A/C WINDOW - 2 TONS	5337.	.00
0991311	REPAIR A/C PAD MOUNT, 5 TONS	858.	.00
0991312	PREV MAINT - A/C PAD MOUNT, 5 TONS	48317.	.00
0991313	REPLACE A/C PAD MOUNT 5 TONS	37585.	.00
0991411	REPAIR HERMETIC CHILLER - 20 TONS	16379.	.00
0991412	PREV MAINT - HERMETIC CHILLER 20 TONS	32720.	.00
0991413	REPLACE HERMETIC CHILLER - 20 TONS	33881.	.00
0991421	REPAIR HERMETIC CHILLER - 50 TONS	321302.	.03
0991422	PREV MAINT - HERMETIC CHILLER 50 TONS	365970.	.03
0991423	REPLACE HERMETIC CHILLER - 50 TONS	457869.	.04
0991441	REPR HERMET CHILL-CHILL AIR COOL RECIP5T	21206.	.00
0991442	PREVENT MAINT CHILLER-AIR COOL RECPT 5T	68359.	.01
0991443	REPLACE CHILLER-CHILLER-AIR COOL RECP5T	35977.	.00
0991451	REPR HERMET CHILL-CHILL AIR COOL REC10T	12760.	.00
0991452	PREVNT MAINT CHLLER AIR COOL REC 10T	25533.	.00
0991453	REPLACE CHLLER-CHLLER AIR COOL REC 10T	20177.	.00
0991A11	REPAIR CHILLER 2 STAGE ABSORBER 300 TONS	47623.	.00
0991A12	PREV MAINT-CHILLER 2 STAGE ABSORBER 300T	74988.	.01
0991A13	REPLACE CHILLER 2 STAGE ABSORBER 300 TON	355843.	.03
0991611	REPAIR AIR COOLED CONDENSER 5 TONS	30937.	.00
0991612	PREV MAINT - AIR COOLED CONDENSER 5 TONS	74383.	.01
0991813	REPLACE AIR COOLED CONDENSER - 5 TONS	46367.	.00
0991C21	REPAIR COOLING TOWER - 100 TONS	5320.	.00
0991C22	PREV MAINT - COOLING TOWER 100 TONS	31681.	.00
0991C23	REPLACE COOLING TOWER - 100 TONS	44765.	.00
0991D11	REPAIR EVAPORATIVE CONDENSER - 20 TONS	3823.	.00
0991D12	PREV MAINT EVAPORATIVE CONDENSER 20 TONS	12104.	.00

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CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0991D13	REPLACE EVAPORATIVE CONDENSER - 20 TONS	16722.	.00
0991F11	REPAIR FAN COIL UNIT-REFRIG FAN COIL 1T	61426.	.01
0991F12	PREVENT MAINT- REFRIG FAN COIL 1T	280525.	.02
0991F13	REPLACE FAN COIL UNIT-REFRIG FAN COIL 1T	608355.	.05
0991F21	REPAIR FAN COIL UNIT-REFRIG FAN COIL 3T	16810.	.00
0991F22	PREVENT MAINT-REFRIG FAN COIL 3T	51307.	.00
0991F25	REPLACE FAN COIL-REFRIG FAN COIL 3T	142407.	.01
0991F31	REPAIR FAN COIL UNIT-REFRIG FAN COIL 5T	9717.	.00
0991F32	PREVENT MAINT-REFRIG FAN COIL 5T	11472.	.00
0991F33	REPLACE FAN UNIT-REFRIG FAN COIL 5T	53437.	.00
0994211	REPACK GATE VALVE GLAND, 3/8" - 1 1/2"	1503.	.00
0994212	REPLACE GATE VALVE, 3/8" - 1 1/2"	5952.	.00
0994281	REPACK DRAIN VALVE GLAND	7417.	.00
0994282	REPLACE DRAIN VALVE STEM ASSEMBLY	2336.	.00
0994283	REPLACE DRAIN VALVE	4738.	.00
09A1111	REPAIR MULTI-ZONE UNIT, 6500 CFM	2612.	.00
09A1112	PREV MAINT ANNUAL-MULTI-ZONE 65000 CFM	91865.	.01
09A1113	PREV MAINT REPL FLTRS-MULTI ZONE 6500CFM	70522.	.01
09A1114	REPLACE MULTI-ZONE UNIT 6500 CFM	375024.	.03
09A1121	REPAIR MULTI-ZONE UNIT 10000 CFM	1872.	.00
09A1122	PREV MAINT ANNUAL - MULTI-ZONE 10000 CFM	67307.	.01
09A1123	PREV MAINT REPL FLTRS - MULTI-ZONE 10000	60646.	.01
09A1124	REPLACE MULTI-ZONE UNIT 10000 CFM	356668.	.03
09A1151	REPAIR MULTI-ZONE UNIT- 2500 CFM	617.	.00
09A1152	PREVENT MAINT-MULTI ZONE 2500 CFM	42851.	.00
09A1153	REPLACE FILTERS - MULTI-ZONE 2500 CFM	26118.	.00
09A1154	REPLACE MULTI ZONE UNIT-2500 CFM	57427.	.00
09A1211	REPAIR DUAL DUCT UNIT 6500 CFM	1852.	.00
09A1212	PREV MAINT ANNUAL - DUAL DUCT 6500 CFM	58088.	.00
09A1213	PREV MAINT REPL FLTRS - DUAL DUCT 6500	47775.	.00
09A1214	REPLACE DUAL DUCT UNIT - 6500 CFM	258454.	.02
09A1511	REPAIR VARIABLE VOLUME UNIT - 6500 CFM	3189.	.00
09A1512	PREV MAINT ANNUAL-VAR VOLUME 6500 CFM	114182.	.01
09A1513	PREV MAINT REPL FLTRS-VAR VOL 6500 CFM	86656.	.01
09A1514	REPLACE VARIABLE VOLUME UNIT - 6500 CFM	467179.	.04
09A1521	REPAIR VARIABLE VOLUME UNIT - 10000 CFM	411.	.00
09A1522	PREV MAINT ANNUAL- VAR VOLUME 10000 CFM	13993.	.00
09A1523	PREV MAINT REPL FLTRS-VAR VOL 10000 CFM	12460.	.00
09A1524	REPLACE VARIABLE VOLUME UNIT - 10000 CFM	71767.	.01
09A1531	REPAIR VARIABLE VOLUME UNIT - 25000 CFM	585.	.00
09A1532	PREV MAINT ANNUAL - VAR VOL 25000 CFM	15542.	.00
09A1533	PREV MAINT REPL FLTRS- VAR VOL 25000 CFM	4624.	.00
09A1534	REPLACE VARIABLE VOLUME UNIT - 25000 CFM	132189.	.01
09A1711	REPAIR 2 PIPE INDUCTION UNIT - 6500 CFM	4112.	.00
09A1712	PREV MAINT ANNUAL-2PIPE INDUCT 6500 CFM	153925.	.01
09A1713	PREV MAINT REPL FLTRS-2PIPE INDUCT 6500	116339.	.01
09A1714	REPLACE 2 PIPE INDUCTION UNIT - 6500 CFM	375590.	.03
09A1911	REPAIR 2 PIPE FAN COIL UNIT - 200 CFM	15303.	.00
09A1912	PREV MAINT CLEAN COIL - 2PIPE FAN 200CFM	67050.	.01
09A1913	PREV MAINT REPL FLTRS-2PIPE FAN COIL 200	77758.	.01
09A1914	REPLACE 2 PIPE FAN COIL UNIT - 200 CFM	111647.	.01
09A1921	REPAIR 2 PIPE FAN COIL UNIT - 400 CFM	7057.	.00
09A1922	PREV MAINT CLEAN COIL-2PIPE FAN 400 CFM	33377.	.00
09A1923	PREV MAINT REPL FLTRS-2 PIPE FAN 400 CFM	36829.	.00
09A1924	REPLACE 2 PIPE FAN COIL UNIT - 400 CFM	56719.	.00
09A1931	REPAIR 2PIPE FAN COIL UNIT - 600 CFM	1377.	.00
09A1932	PREV MAINT CLEAN COIL-2 PIPE FAN 600 CFM	6358.	.00
09A1933	PREV MAINT REPL FLTRS- 2 PIPE FAN 600CFM	7015.	.00
09A1934	REPLACE 2 PIPE FAN COIL UNIT - 600 CFM	12308.	.00
09A1941	REPAIR 2 PIPE FAN COIL UNIT - 1200 CFM	5680.	.00
09A1942	PREV MAINT CLEAN COIL- 2 PIPE FAN 1200	27020.	.00
09A1943	PREV MAINT REPL FLTRS- 2PIPE FAN 1200CFM	29814.	.00
09A1944	REPLACE 2 PIPE FAN UNIT - 1200 CFM	83454.	.01
09A1A31	REPAIR 4 PIPE FAN COIL UNIT - 600 CFM	300.	.00
09A1A32	PREV MAINT CLEAN COIL-4 PIPE FAN 600 CFM	1043.	.00
09A1A33	PREV MAINT REPL FLTRS-4 PIPE FAN 600 CFM	1420.	.00
09A1A34	REPLACE 4 PIPE FAN COIL UNIT - 600 CFM	3526.	.00
09A1911	REPAIR UNIT VENT - 400 CFM	1809.	.00

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09A1B12	PREV MAINT - UNIT VENT 400 CFM	27858.	.00
09A1B13	REPLACE UNIT VENT - 400 CFM	36715.	.00
09A1C11	REPAIR SINGLE ZONE DRAW-THRU - 6500 CFM	7609.	.00
09A1C12	PREV MAINT ANNUAL-SINGLE Z DRAW THRU6500	511944.	.04
09A1C13	PREV MAINT REPL FLTRS-SINGLE Z DRAW 6500	395788.	.03
09A1C14	REPLACE SINGLE ZONE DRAW-THRU - 6500 CFM	692716.	.06
09A1C21	REPAIR SINGLE ZONE DRAW-THRU - 10000 CFM	2180.	.00
09A1C22	PREV MAINT ANN-SINGLE Z DRAW THRU 10000	146006.	.01
09A1C23	PREV MAINT REPL FLTRS-SINGLE Z DRAW10000	134866.	.01
09A1C24	REPLACE SINGLE ZONE DRAW-THRU - 10000CFM	290992.	.02
09A1C31	REPAIR SINGLE ZONE DRAW THRU - 25000 CFM	1958.	.00
09A1C32	PREV MAINT ANN-SINGLE Z DRAW THRU 25000	113050.	.01
09A1C33	PREV MAINT REPL FLTRS-SINGLE Z DRAW25000	94630.	.01
09A1C34	REPLACE SINGLE ZONE DRAW THRU - 25000CFM	368746.	.03
09A1C51	REPAIR SINGLE ZONE DRAW THRU 1000 CFM	5446.	.00
09A1C52	PREVENT MAINT SGL ZONE DRAW THRU 1000CFM	187903.	.02
09A1C53	REPL FILTER SGL ZONE DRAW THRU 1000 CFM	74796.	.01
09A1C54	REPLACE SINGLE ZONE DRAW THRU 1000 CFM	139569.	.01
09A1C61	REPAIR SINGLE ZONE DRAW THRU 2500 CFM	2550.	.00
09A1C62	PREV MAINT SINGLE ZONE DRAW THRU 2500CFM	170033.	.01
09A1C63	REPL FILTER SINGL ZONE DRAW THRU 2500CFM	108177.	.01
09A1C64	REPLACE SINGLE ZONE DRAW THRU 2500 CFM	191532.	.02
09A1D11	REPAIR UNIT HEATER - 400 CFM	156532.	.01
09A1D12	PREV MAINT - UNIT HEATER 400 CFM	2285430.	.20
09A1D13	REPLACE UNIT HEATER - 400 CFM	706670.	.06
09A1D21	REPAIR UNIT HEATER - 1200 CFM	127839.	.01
09A1D22	PREV MAINT - UNIT HEATER 1200 CFM	1868352.	.16
09A1D23	REPLACE UNIT HEATER - 1200 CFM	832355.	.07
09A1D31	REPAIR UNIT HEATER 4000 CFM	19104.	.00
09A1D32	PREVENT MAINT UNIT HEATER 4000 CFM	125678.	.01
09A1D33	REPLACE UNIT HEATER 4000 CFM	106361.	.01
09A1E11	REPAIR HEAT PUMP - 5 TONS	48369.	.00
09A1E12	PREV MAINT - HEAT PUMP 5 TONS	26702.	.00
09A1E13	REPLACE HEAT PUMP - 5 TONS	25668.	.00
09A1E41	REPAIR HEAT PUMP 1T THRU-WALL UNIT	34082.	.00
09A1E42	PREVENT MAINT HEAT PUMP 1T	80105.	.01
09A1E43	REPLACE HEAT PUMP 1T THRU-WALL UNIT	72803.	.01
0982111	REPAIR FAN-FORCE DRAFT FAN 10,000 CFM	14291.	.00
0982112	PREVENT MAINT-FORCE DRAFT FAN 10000 CFM	781006.	.07
0982113	REPL FAN-FORCE DRAFT FAN 10,000 CFM	980906.	.08
0982121	REPAIR FAN-IND DRAFT FAN 10,000 CFM	11311.	.00
0982122	PREVENT MAINT IND FAN 10,000 CFM	506579.	.04
0982123	REPLACE IND DRAFT FAN 10,000 CFM	682593.	.06
09C1111	REPLACE FAN AND MOTOR - 200 CFM	450534.	.04
09C1112	PREV MAINT CLEANING - EXHAUST FAN 200CFM	1921479.	.16
09C1113	REPLACE UNIT - EXHAUST FAN 200 CFM	1489726.	.13
09C1121	REPAIR EXHAUST FAN - 1000 CFM	45463.	.00
09C1122	PREV MAINT - EXHAUST FAN 1000 CFM	520901.	.04
09C1123	REPLACE ROOF MOUNTED EXHAUST FAN-1000CFM	393777.	.03
09C1131	REPAIR EXHUAST FAN 10000 CFM	988.	.00
09C1132	PREVENTIVE MAINT. EXHAUST FAN 10000 CFM	38998.	.00
09C1133	REPLACE EXHAUST FAN 10000 CFM	47097.	.00
09C1141	REPAIR EXHAUST FAN 25000 CFM	1095.	.00
09C1142	PREVENTIVE MAINT. EXHAUST FAN 25000 CFM	32645.	.00
09C1143	REPLACE EXHAUST FAN 25000 CFM	54888.	.00
09C1161	REPAIR FAN, EXHAUST FAN 5000 CFM	5899.	.00
09C1162	PREVENT MAINT EXHAUST FAN 5000 CFM	56517.	.00
09C1163	REPLACE ROOF MOUNTED EXHAUST FAN-5000CFM	269422.	.02
09C1211	REPLACE FAN & MOTOR AIR CURAIN, 1000 CFM	1525.	.00
09C1212	PREVENT MAINT-AIR CURTAIN, 1000 CFM	3179.	.00
09C1213	REPLACE UNIT-AIR CURTAIN, 1000 CFM	9225.	.00
09C2101	REPLACE METAL FLUE	284114.	.02
09E1111	PREVENTIVE MAINTENANCE	4197403.	.36
09E1112	REPLACE PNEUMATIC THERMOSTAT	1613062.	.14
09E1121	PREVENT MAINT HUMIDISTAT	92977.	.01
09E1122	REPLACE HUMIDISTAT	21245.	.00
09E1131	PREVENT MAINT WATER FLOW SENSOR	47381.	.00
09E1132	REPLACE FLOW SENSOR	7485.	.00

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09E1141	PREVENT MAINT RADIATION SENSOR	12715.	.00
09E1142	REPLACE RADIATION SENSOR	2176.	.00
09E1151	PREVENT MAINT WIND VELOCITY SENSOR	6358.	.00
09E1152	REPLACE WIND VELOCITY SENSOR	1436.	.00
09E1161	PREVENT MAINT PRESSURE SENSOR	4668112.	.40
09E1162	REPLACE PRESSURE SENSOR	687082.	.06
09E1211	PREVENT MAINT DAMPER CONTROLLER/ELECT	122496.	.01
09E1212	REPLACE DAMPER CONTROLLER/ELECT.	119758.	.01
09E1311	REPAIR COMP. SIMPLEX AIR COMP., 1 HP	273347.	.02
09E1312	CHECK AND ADJUST-SIMPLEX AIR COMP., 1HP	130693.	.01
09E1313	REPLACE SIMPLEX AIR COMPRESSOR, 1 HP	955643.	.08
1112001	REPAIR CABLE SPLICE-OVERHEAD SERV FEEDER	251818.	.02
1112002	CABLE INSPECTION-OVERHEAD SERV FEEDER	53360.	.00
1112003	REPLACE SERVICE CABLE-OVERHEAD SERV FEED	534533.	.05
1113101	REPAIR SWITCHGEAR-MAIN PROTECT EQUIPMENT	288993.	.02
1113102	PREV MAINT & INS-SWITCHGEAR,MAIN FRAME	40784.	.00
1113103	REPLACE SWITCHGEAR 1200 AMP	138042.	.01
1113201	REPLACE FUSE	15285.	.00
1114101	REPAIR TRANSFORMER, LIQUID FILLED AB 600	747504.	.06
1114102	PREV MAINT & INSP-TRANSFORMER, LIQUID F	66724.	.01
1114103	REPLACE TRANSFORMER, LIQUID FILLED AB600	2713821.	.23
1114201	REPAIR TRANSFORMER,DRY,AB 15,000 V	285.	.00
1114202	PREV MAINT &INSP-TRANSFORMER,DRY,AB15000	2091.	.00
1114203	REPLACE TRANSFORMER,DRY,AB 15000 V	65858.	.01
1115101	REPAIR SWITCHGEAR, INDOOR, 0-600 V	338640.	.03
1115102	PREV MAINT &INSEP-SWITCHGEAR,INDOOR0-600	69355.	.01
1115103	REPLACE SWITCHGEAR, INDOOR, 0-600 V	3370372.	.29
1115201	MAINT & REPAIR, SWITCHGEAR,INDR AB 600V	927.	.00
1115202	PREV MAINT &INSP SWITCHGEAR, INDR AB 600	81.	.00
1115203	REPLACE SWITCHGEAR,INDOOR AB 600 V	6853.	.00
1116101	MAINT & REPAIR TRANSFORMER, LIBUID BL600	5845.	.00
1116102	PREV MAINT&INSP-TRANSFORMER,LIQUID BL600	155929.	.01
1116103	REPLACE TRANSFORMER,LIQUID BELOW 600 V	759948.	.07
1116201	MAINT &REPAIR TRANSFORMER, DRY BL 15000V	582534.	.05
1116202	PREV MAINT &INSP TRANSFORMER,DRY BL15000	111424.	.01
1116203	REPLACE TRANSFORMER, DRY BELOW 15,000 V	10675160.	.92
1117101	MAINT & REPAIR SWITCHGEAR,INDR BL 600 V	2135207.	.18
1117102	PREV MAINT &INSEP SWITCHGEAR,INDR BL600V	448457.	.04
1117103	REPLACE SWITCHGEAR, INDOOR, BELOW 600 V	20754310.	1.78
1119101	MAINT & REPAIR METER, DARSONVAL GALVANOM	8493.	.00
1119102	REPLACE METER, DARSONVAL GALVANOMETER	15353.	.00
1119301	MAINT & REPAIR INVERTER, SPECIAL EUIP	25554.	.00
1119302	PREV MAINT & INSP INVERTER,SPECIAL EQUIP	28330.	.00
1119303	REPLACE INVERTER, SPECIAL EUQIPMENT	19671.	.00
1119401	MAINT & REPAIR RECTIFIER, UNDER 600 V	157353.	.01
1119402	PREV MAINT & INSP RECTIFIER, UNDER 600 V	164029.	.01
1119403	REPLACE RECTIFIER, UNDER 600 V	44884.	.00
1122101	MAINT & REPAIR SAFETY SWITHCH, ENCLOSED	189104.	.02
1122102	PREV MAINT & INSP SAFETY SWITCH, ENCLOSD	2671062.	.23
1122103	REPLACE SAFETY SWITCH, ENCLOSED	308676.	.03
1122321	REPAIR FAILED BREAKER,MC, 600 V AND OVER	362.	.00
1122322	PREV MAINT &INSP CIRCUIT BREAKER,MC,600+	68.	.00
1122331	MAINT &REPAIR CIRCT BREAKER,FIXED,0-599V	5019.	.00
1122332	PREV MAINT&INSP CIRCT BREAKER,FIXD,0-599	958.	.00
1122341	REPAIR FAILED CIRCT BREAKER,FIXD, 600+V	3998.	.00
1122342	PREV MAINT&INSP CIRCT BRKER, FIXD,600+	166.	.00
1122361	REPAIR FAILED CIRC BREAKER M.C. > 600V 3	4178.	.00
1122362	PREV MAINT CIRC. BREAKER M.C. 600V 3P	294.	.00
1122371	MAINT & REPR CIRC BREAKER FIXED < 599V 1	307996.	.03
1122372	PREV MAINT&INSP CIRC BKR FIXED , 599V 1P	665029.	.06
1122381	MAINT & REPR CIRC BREAKER FIXD < 599V 2P	18774.	.00
1122382	PREV MAINT & INSP CIR BRK FIXD < 599V 2P	39117.	.00
1122391	MAINT & REPR CIRC BREAKER FIXD < 599V 3P	51944.	.00
1122392	PREV MAINT CIRC BREAKER FIXED < 599V 3P	111504.	.01
11223C1	REPR FAILED CIRC BREAKER FIXD > 600V 3P	337578.	.03
11223C2	PREV MAINT CIRC BREAKER FIXED > 600V 3P	4675.	.00
11223C3	REPLACE CIRC BREAKER FIXED > 600V 3P	183722.	.02
1122411	MAINT AND REPAIR SAFETY SWITCH FUSED 1P	1079.	.00

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1122412	PREVENT MAINT SAFTY SWITCH FUSED 1P	15703.	.00
1122413	REPLACE SAFETY SWITCH FUSED 1P	365.	.00
1122431	MAINT AND REPAIR SAFETY SWITCH FUSED 3P	136369.	.01
1122432	PREV MAINT SAFETY SWITCH FUSED 3P	1935066.	.17
1122433	REPLACE SAFETY SWITCH FUSED 3P	490373.	.04
1122441	REPLACE LOW VOLTAGE CARTRIDGE	13653.	.00
1122451	REPLACE PLUG FUSE	70221.	.01
1123601	MAINT & REPAIR MOTOR STARTER, 0-600 V	4099836.	.35
1123602	PREV MAINT & INSP MOTOR STARTER,0-600 V	9916612.	.85
1123603	REPLACE MOTOR STARTER, 0-600 V	2216550.	.19
1124001	MAINT & REPAIR CONTACTORS AND RELAYS	3755494.	.32
1124002	PREV MAINT CONTACTORS AND RELAYS	1642157.	.14
1124003	REPLACE CONTACTORS AND RELAYS	2152872.	.18
1127101	MAINT & REPAIR WIRING DEVICE, SWITCH	3575846.	.31
1127102	REPLACE WIRING DEVICE, SWITCH	3926592.	.34
1127201	MAINT & REPAIR RECEPTACLE AND PLUG	5191516.	.45
1127202	REPLACE RECEPTACLE AND PLUG	6529193.	.56
1127301	MAINT & REPAIR SWITCH, PULL CORD	130577.	.01
1127302	REPLACE SWITCH, PULL CORD	71025.	.01
1131101	MAINT &REPAIR INCANDESCENT LIGHT FIXTURE	1541585.	.13
1131102	REPLACE LAMP, INCANDESCENT LIGHT FIXTURE	314763.	.03
1131103	REPLACE INCANDESCENT LIGHTING FIXTURE	2072132.	.18
1131201	MAINT & REPAIR QUARTZ LIGHT FIXTURE	9999.	.00
1131202	REPLACE LAMP, QUARTZ LIGHTING FIXTURE	49976.	.00
1131203	REPLACE QUARTZ LIGHTING FIXTURE	63590.	.01
1131301	MAINT & REPAIR FLUORESCENT LIGHT FIXTURE	13741410.	1.18
1131302	REPLACE LAMPS (2),FLUORESCENT LIGHT FIX	2363220.	.20
1131303	REPLACE FLUORESCENT LIGHTING FIXTURE	30609370.	2.63
1131411	MAINT&REPAIR HID,MERCURY VAPOR F, 250 W	46212.	.00
1131412	REPLACE LAMP-HID,MERCURY VAPOR F, 250 W	21215.	.00
1131413	REPLACE FIXTURE,HID,MERCURY VAPOR 250 W	92270.	.01
1131421	MAINT &REPAIR,HID,METAL HALID FIXT,250 W	435151.	.04
1131422	REPLACE LAMP,HID,METAL HALID FIXTURE,250	699501.	.06
1131423	REPLACE FIXTURE,HID,METAL HALID FIXT250W	975092.	.08
1131501	MAINT & REPAIR EMERGENCY LIGHTING FIXTUR	40136.	.00
1131502	REPLACE LAMP, EMERGENCY LIGHT FIXTURE	102107.	.01
1131503	REPLACE EMERGENCY LIGHTING FIXTURE	635955.	.05
1131611	MAINT & REPAIR H.P. 250 W	1055683.	.09
1131612	REPLACE LAMP, SODIUM FIXT H.P. 250 WATT	653319.	.06
1131613	REPLACE SODIUM FIXTURE, H.P. 250 WATT	1701897.	.15
1131621	MAINT & REPAIR,SODIUM FIXT L.P. 200 WATT	133716.	.01
1131622	REPLACE LAMP,SODIUM FIXT L.P. 200 WATT	22469.	.00
1131623	REPLACE SODIUM FIXTURE, L.P. 200 WATT	228591.	.02
1131701	REPAIR EXIT LIGHT.	190110.	.02
1131702	REPAIR LAMPS EXIT LIGHT	207879.	.02
1131703	REPLACE LIGHTING FIXTURE-EXIT LIGHTS	227137.	.02
1141001	MAINT & REPAIR-ELECTIRCAL SERVICE GROUND	4927.	.00
1141002	REPLACE ELECTRICAL SERVICE GROUND	120485.	.01
1142001	MAINT & REPAIR BUILDING STRUCTURE GROUND	88196.	.01
1143111	MAINTENANCE & REPAIR LIGHTNG.PROT.WIRING	416793.	.04
1143112	REPLACE LIGHTNING PROTECT.WIRING	552534.	.05
1143511	MAINTENANCE AND REPAIR-LIGHTNING GRD.ROD	2407768.	.21
1143512	REPLACE LIGHTNING GROUNDING ROD	182204.	.02
1144001	MAINT & REPAIR COMPUTER SYSTEM GROUND	1197.	.00
1144002	REPLACE COMPUTER GROUND SYSTEM	1512.	.00
1145001	MAINT & REPAIR SPECIAL GROUND SYSTEM	2300.	.00
1145002	REPLACE SPECIAL GROUND SYSTEM	2736.	.00
1215001	REPAIR DOOR BELL	68032.	.01
1215002	PREVENT MAINT AND INSPEC DOOR BELL	260621.	.02
1215003	REPLACE DOOR BELL	272867.	.02
1221101	M/R CHECK AND REPAIR MANUAL PULL STATION	97163.	.01
1221102	REPLACE MANUAL PULL STATION	353467.	.03
1221201	M/R REPAIR SMOKE DETECTOR	365277.	.03
1221202	CHECK OPERATION, SMOKE DETECTOR	1623757.	.14
1221203	REPLACE SMOKE DETECTOR	2244985.	.19
1221301	REPLACE FIRE ALARM BELL ,6"	147616.	.01
1221401	M/R MINOR REPAIRS TO ANNUNCIATION PANEL	31677.	.00
1221402	PREV MAINT & INSP ANNUNCIATION PANEL	150652.	.01

INSTALLATION: GERMANY
F4C CODE : 0000000

12-04-90

120 YEARS SUMMARY

CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
1221403	REPLACE ANNUNCIATION PANEL	142600.	.01
1221501	REPAIR HEAT DETECTOR	45539.	.00
1221502	CHECK OPERATION HEAT DETECTOR	179513.	.02
1221503	REPLACE HEAT DETECTOR	77161.	.01
1221601	MINOR REPAIRS TO FIRE ALARM CONT. PANEL	45479.	.00
1221602	PREVENT MAINT & INSP FIRE ALRM CONT PANL	207780.	.02
1221603	REPLACE FIRE ALARM CONT PANEL	511660.	.04
1233001	MAINTENANCE AND REPAIR TV CABLE OUTLET	54642.	.00
1233002	REPLACE TV CABLE OUTLET	109470.	.01
1243001	MINOR REPAIRS - LIGHT DIMMING PANEL	19507.	.00
1243002	PREV MAINT & INSPEC- LIGHT DIMMING PANEL	21043.	.00
1243003	REPLACE LIGHT DIMMING PANEL	59262.	.01
1261101	MAINT & REPAIR TIME CONTR. CLOCK	65103.	.01
1261102	CHECK OPERATION - TIME CONTROL CLOCK	155347.	.01
1261103	REPLACE TIME CONTROL CLOCK	145463.	.01
1271001	MAINT & REPAIR BASEBOARD HEATERS	13878.	.00
1271002	PREV MAINT & INSP BASEBOARD HEATERS	112474.	.01
1271003	REPLACE BASEBOARD HEATER	40488.	.00
1272101	MAINT &REPAIR WALL MOUNTD &RECESSD W FAN	34275.	.00
1272102	PREV MAINT&INSP WALL MOUNTD& RECESSD FAN	93231.	.01
1272103	REPLACE HEATER,WALL MOUNTD& RECESSD FAN	33144.	.00
1272201	MAINT & REPAIR RADIANT SUSPEND,COMMERCIL	4028.	.00
1272202	PREV MAINT&INSP RADIANT SUSPEND,COMMER	31620.	.00
1272203	REPLACE HEATER,RADIANT SUSPEND,COMMERCIL	15950.	.00
1273101	MAINT REPAIR STANDARD SUSPENDED HEATER	64089.	.01
1273102	PREV MAINT INSP STANDARD SUSPEND HEATER	125833.	.01
1273103	REPLACE STANDARD SUSPENDED HEATER	72239.	.01
1281102	PREV MAINT GENERATOR, GASOLINE POWERED	43503.	.00
1281103	REPLACE GENERATOR COMPONENT, GASOLINE	1766857.	.15
1281202	PREV MAINT GENERATOR, DIESEL	87006.	.01
1281203	REPLACE DIESEL GENERATOR COMPONENT	3530334.	.30
1281302	PREV MAINT GENERATOR, VAPOR GAS POWERED	52488.	.00
1281303	REPLACE GENERATOR COMPONENT, VAPOR GAS	1773045.	.15
1281501	MAINT & REPAIR TRANSFER SWITCH	7130.	.00
1281502	PREV MAINT TRANSFER SWITCH	5267.	.00
1281503	REPLACE TRANSFER SWITCH	14798.	.00
1282101	MAINT & REPAIR STATIC CHARGER, BATTERY	10348.	.00
1282102	PREV MAINT &INSP STATIC CHARGER,BATTERY	28141.	.00
1282103	REPLACE STATIC CHARGER, BATTERY	6558.	.00
1282201	MAINT & REPAIR MOTOR GENERATOR, BATTERY	31018.	.00
1282202	PREV MAINT MOTOR GENERATOR, BATTERY	26007.	.00
1282203	REPLACE MOTOR GENERATOR, BATTERY	4589.	.00
1283101	PREV MAINT BATTERY, PRIMARY WET	3885676.	.33
1283102	REPLACE BATTERY, PRIMARY WET	207607.	.02
1283201	PREV MAINT BATTERY, PRIMARY DRY	1411138.	.12
1283202	REPLACE BATTERY, PRIMARY DRY	138763.	.01
1283301	PREV MAINT BATTERY SECONDARY WET	2154848.	.18
1283302	REPLACE BATTERY, SECONDARY WET	159368.	.01
1283401	PREV MAINT BATTERY SECONDARY DRY	5996086.	.51
1283402	REPLACE BATTERY, SECONDARY DRY	979002.	.08

APPENDIX N: Percentage of Maintenance Cost by High-Cost Tasks for Functional Use Groups

All Buildings - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Shower - Shower, Ceramic Tile	0811R06	5.45	14	1.66	1	6.73
Refinish Plaster Wall Finish	0611104	4.00	1	2.86	2	4.39
Total Roof Replacement - Roll Roofing	0311347	2.70	18	1.21	3	3.20
Replace Fluorescent Lighting Fixture	1131303	2.63	9	2.04	4	2.82
Replace Vinyl Asbestos Tile Floor	062A202	2.56	4	2.36	5	2.63
Replace Tile Wall Finish	0612805	2.27	3	2.48	8	2.20
Minor Roofing Repair - Roll Roofing	0311343	2.07			6	2.53
Total Panel Replacement - Metal Roof	0311367	2.07	10	1.91	9	2.12
Replace Switchgear, Indoor, Below 600 V	1117103	1.78	7	2.15	10	1.66
Replace Deaerator	0981A13	1.75			7	2.34
Refinish Stucco Exterior Wall, 3rd + Floor	0415C34	1.58	16	1.56	12	1.59
Refinish Stucco Exterior Wall, 2nd Floor	0415C24	1.57	11	1.80	13	1.49
Refinish Plaster Ceiling Finish	0631104	1.49	20	1.13	11	1.61
Replace Carpet	0629102	1.41	15	1.65	15	1.32
Repair Hollow Core (Painted) Interior Door	0533112	1.38	5	2.27	18	1.08
Repair Plaster Wall Finish	0611102	1.34			14	1.46
Maintain & Repair Fluorescent Light Fixture	1131301	1.18			16	1.30
Refinish Stucco Exterior Wall, 1st Floor	0415C14	1.18	21	1.11	17	1.20

All Buildings - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Removal & Replacement of Shingles	0311357	1.00	13	1.67		
Replace Transformer, Dry, Below 15,000 V	1116203		2	2.50		
Repair Finished Concrete Wall	061A202		6	2.26		
Refinish Finished Concrete Wall	061A204		8	2.11		
Refinish Stucco Interior Wall	0611404		12	1.72		
Replace Finned Radiator, Wall, 10' Section	0943301		17	1.50		
Minor Repairs - Shingled Roof	0311353		19	1.19		
Replace New Shingles Over Existing	0311356		22	1.10		
Replace Hollow Core (Painted) Interior Door	0533115		23	1.01		
Repair Solid Core Wood (Painted) Interior Door	0533212		24	1.01		

Land Vehicle Dispensing Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Tile Wall Finish	0612805	7.33	1	7.33		
Check Water Softener Oper/Add Salt Water	0841302	5.23	2	5.23		
Replace Switchgear, Indoor, Below 600 V	1117103	5.22	3	5.22		
Replace Ceramic Tile Floor	0622102	4.30	4	4.30		
Replace Fluorescent Lighting Fixture	1131303	3.99	5	3.99		
Repair Finished Concrete Interior Wall	061A202	3.67	6	3.67		
Refinish Finished Concrete Interior Wall	061A204	3.17	7	3.17		
Refinish Stucco Exterior Wall, 1st Floor	0415C14	3.13	8	3.13		
Removal & Replacement of Shingles	0311357	2.63	9	2.63		
Refinish Plaster Wall Finish	0611104	2.57	10	2.57		
Prev. Maint. - Exhaust Fan, 1000 CFM	09C1122	2.01	11	2.01		
Replace Roof Mounted Exhaust Fan	09C1123	1.94	12	1.94		
Minor Repairs - Shingled Roof	0311353	1.87	13	1.87		
Prev. Maint./Insp. Motor Starter 0-600 V	1123602	1.87	14	1.87		
Replace New Over Existing - Shingles	0311356	1.73	15	1.73		
Replace Cast Iron Radiator - 10' Section	0943101	1.62	16	1.62		
Maint. & Repair Fluorescent Lighting Fixture	1131301	1.60	17	1.60		

Land Vehicle Dispensing Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repair Tile Wall Finish	0612802	1.60	18	1.60		
Repl. Wood Frame (Painted) Oper. Window, 1st Floor	0431315	1.52	19	1.52		
Prev. Maintenance Heat/Cool Thermostat	09E1111	1.51	20	1.51		
Flashing Repairs - Shingled Roof	0311355	1.33	21	1.33		
Prev. Maintenance - Pressure Sensor	09E1161	1.17	22	1.17		
Refinish Wood Frame Screen Window Cover	0434814	1.10	23	1.10		
Repair Solid Core Wood (Painted) Interior Door	0533212	1.08	24	1.08		
Refinish Wood Frame (Painted) Oper. Window, 1st Floor	0431314	1.02	25	1.02		
Repair Steel (Painted) Metal Exterior Door	0421212	1.02	26	1.02		

Land Operational Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Shower - Shower, Ceramic Tile	0811R06	22.08	1	27.50	24	1.26
Replace Transformer, Liquid Filled Above 600 V	1114103	7.56	2	9.52		
Total Roof Replacement, Roll Roofing	0311347	4.69	3	5.91		
Minor Roofing Repair, Roll Roofing	0311343	2.74	4	3.45		
Total Panel Replacement, Metal Roofing	0311367	2.20	5	2.77		
Unstop Shower, Ceramic Tile	0811R05	2.09	6	2.60		
Repair Transformer, Liquid Filled Above 600 V	1114101	2.05	7	2.58		
Replace Faucets, Shower, Ceramic Tile	0811R03	2.00	8	2.50		
Replace Fluorescent Lighting Fixture	1131303	1.71	12	1.51	9	2.49
Replace Ceramic Tile Wall Finish	0612805	1.48	10	1.53	22	1.31
Refinish Stucco Interior Wall	0611404	1.47	9	1.86		
Refinish Stucco Exterior Wall, 1st Floor	0415C14	1.46	18	1.03	6	3.09
Replace Switchgear, Indoor, Below 600 V	1117103	1.45	17	1.09	7	2.87
Refinish Plaster Wall Finish	0611104	1.44			3	4.16
Refinish Concrete Exterior Wall, 1st Floor	0415A14	1.35			2	4.77
Prev. Maint. Battery, Secondary Dry	1283401	1.26			1	6.09
Check Water Softener Oper./Add Salt Water	0841302	1.20	11	1.51		

Land Operational Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Vinyl Asbestos Tile Floor	062A202	1.08			8	2.86
Replace Quarry Tile Floor	0622202	1.06	13	1.33		
Reseal Ceramic Tile Shower	0811R04		14	1.24		
Repl. Finned Radiator, Wall, 10' Section	0981H01		15	1.17		
Refinish Steel (Painted) Exterior Wall, 1st Floor	0415L14		16	1.15		
Replace Finned Radiator, Wall, 10' Section	0943301				4	3.60
Refinish Concrete Exterior Wall, 2nd Floor	0415A24				5	3.10
M & R Contactors & Relays	1124001				10	2.46
P. M. Single-Zone Draw Thru, 1000 CFM	09A1C52				11	2.45
Total Roof Replacement - Tile Roofing	0311337				12	2.34
Refin. Stucco Exterior Wall, 2nd Floor	0415C24				13	1.97
Repl. Single-Zone Draw Thru, 1000 CFM	09A1C54				14	1.80
Minor Replacement - Tile Roofing	0311334				15	1.79
M & R Lightning Prot. System, Grounding Rod	1143511				16	1.77
Rep. Concrete Exterior Wall, 1st Floor	0415A12				17	1.53
Repair Plaster Wall	0611102				18	1.45
Rep. Concrete, Finished Interior Wall	061A202				19	1.45

Land Operational Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Pipe or Gutter	0822102				20	1.43
Rep. Steel (Painted) Exterior Door	0421212				21	1.39
Repl. Contactors and Relays	1124003				23	1.29
Repl. Transformer, Dry, Below 15,000 V	1116203				25	1.22
Refinish Finished Concrete Interior Wall	061A204				26	1.20
Clean Out Bucket, Floor Drain	0812301				27	1.17
M & R Fluorescent Lighting Fixture	1131301				28	1.15
P. M. Contactors and Relays	11240[illegible]2				29	1.11
Flashing Repairs - Tile Roof	0311335				30	1.03
Refinish Plaster Ceiling	0631104				31	1.02

Battalion Headquarters Buildings - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Panel Replacement - Metal Roofing	0311367	10.37	1	18.30		
Replace Fabric Interior Partitions	0522105	7.30			1	16.86
Replace Fluorescent Lighting Fixture	1131303	7.13	3	9.29	7	4.31
Replace Induction Draft Fan, 10,000 CFM	09B2121	5.82	2	10.27		
Replace Vinyl Asbestos Tile Flooring	062A202	4.21			2	9.71
Refinish Sheetrock (Unstippled) Ceiling	0631304	3.83	10	2.84	4	5.14
Prev. Maint. Induction Draft Fan, 10,000 CFM	09B2122	3.45	4	6.09		
Refinish Concrete Exterior Wall, 1st Floor	0415A14	3.24			3	7.48
Total Roof Replacement, Roll Roofing	0311347	3.12	5	5.51		
Maint. & Repair Fluorescent Lighting Fixture	1131301	2.98	7	3.73	13	1.98
Replace Switchgear, Indoor, Below 600 V	1117103	2.47	9	3.03	17	1.74
Replace Linoleum Floor	062A102	2.45	6	4.32		
Repair Cement Asbestos Roof	0311323	2.20			5	5.08
Refinish Concrete Block (Painted) Wall	0612404	2.11			6	4.87
Replace Cast Iron Radiator, 10' Section	0943101	1.88	12	2.10	19	1.58
Minor Roofing Repair, Roll Roofing	0311343	1.82	86	3.21		

Battalion Headquarters Buildings - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refinish Wood Frame (Painted) Fixed Window	0432314	1.53			8	3.53
Replace Wood Frame (Painted) Fixed Window	0432315	1.51			9	3.49
Replace Ceramic Tile Wall Finish	0612805	1.37	15	1.46	20	1.27
Refinish Sheetrock (Unstippled) Wall	0611304	1.32	11	2.32		
Refinish Stucco Exterior Wall, 1st Floor	0415C14	1.07	13	1.88		
Prev. Maint. & Inspection Safety Switch, Enclosed	1122102	1.07	14	1.54		
Flashing Repair, Cement Asbestos Roofing	0311325	1.05			10	2.43
Repair Concrete Exterior Wall, 1st Floor	0415A12	1.04			11	2.39
Flashing Replacement - Metal Roofing	0311365		16	1.36		
Repl. Alum. (Dbl. Pane) Oper. Window, 1st Floor	0431615		17	1.19		
Total Roof Replacement-Cement Asbestos Roof	0311327				12	2.06
Refin. Wire Mesh Window Cover, 1st Floor	0434514				14	1.94
Debris Removal & Inspection - Cement Asbestos Roof	0311321				15	1.93
Refin. Concrete Block (Wp/p) Ext. Wall 1st Flr.	0415914				16	1.74
Replace Pipe or Gutter	0822102				18	1.64
Non-Dest. Moist. Insp.- Cement Asbestos Roof	0311322				21	1.15

Company Headquarters Buildings - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Deaerator	0981A13	7.69			1	7.69
Repair Concrete Finished Interior Wall	061A202	6.07			2	6.07
Refinish Concrete Finished Interior Wall	061A204	5.04			3	5.04
Replace Vinyl Asbestos Tile Flooring	062A202	4.80			4	4.80
Refin. Steel Frame (Painted) Ext. Wndw., 1st Floor	0432224	4.36			5	4.36
Total Panel Replacement, Metal Roofing	0311367	3.71			6	3.71
Repl. Fluorescent Lighting Fixture	1131303	3.01			7	3.01
Refinish Plaster Wall Finish	0611104	2.12			8	2.12
Prev. Maint. - Deaerator	0981A12	2.11			9	2.11
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	1.60			10	1.60
Total Roof Replacement - Roll Roofing	0311347	1.47			11	1.47
Refin. Stucco Exterior Wall, 3rd + Floor	0415C34	1.44			12	1.44
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.42			13	1.42
Repl. Multi-Zone Unit, 10,000 CFM	09A1124	1.40			14	1.40
Maint. & Repair Fluorescent Lighting Fixture	1131301	1.39			15	1.39
Replace Ceramic Tile Wall Finish	0612805	1.38			16	1.38
Repair Solid Core (Painted) Wood Interior Door	0533212	1.36			17	1.36

Company Headquarters Buildings - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Switchgear, Indoor, Below 600 V	1117103	1.26			18	1.26
Repl. Shower, Ceramic Tile	0811R06	1.24			19	1.24
Minor Roofing Repair, Roll Roofing	0311343	1.16			20	1.16
Maint. & Repair Switch, Pull Cord	1127301	1.11			21	1.11
Removal & Replacement of Shingles	0311357	1.07			22	1.07
Repl. Radiator, Cast Iron 10' Section	0981F01	1.06			23	1.06

General Instruction Buildings - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Transformer, Liquid Filled, Above 600 V	1114103	16.88	1	16.88		
Refinish Steel Interior (Painted) Wall	0616304	15.68	2	15.68		
Repl. Variable Volume Unit, 25,000 CFM	09A1534	12.50	3	12.50		
Total Panel Replacement, Metal Roofing	0311367	7.63	4	7.63		
Rep. Transformer, Liquid Filled, Above 600 V	1114101	4.51	5	4.51		
Repl. Heretic Chiller, Recip., 20 Tons	0991413	3.20	6	3.20		
PM Hermetic Chiller, Recip., 20 Tons	0991412	3.09	7	3.09		
Rep. Aluminum Louvers in Frame, 1st Floor	0433212	2.97	8	2.97		
Repl. Vinyl Asbestos Tile Flooring	062A202	2.15	9	2.15		
Rep. Failed Circuit Breaker, Fixed, > 600 V, 3P	11223C1	1.71	10	1.71		
Rep. Hermetic Chiller, Recip., 20 Tons	0991411	1.55	11	1.55		
PM, Annual, Variable Volume Unit, 25,000 CFM	09A1532	1.47	12	1.47		
Refin. Aluminum Louvers in Frame, 1st Floor	0433214	1.32	13	1.32		
PM & Insp., Motor Starter, 0-600 V	1123602	1.32	14	1.32		
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.27	15	1.27		

General Instruction Buildings - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refin. Steer (Painted) Exterior Wall, 1st Floor	0415L14	1.19	16	1.19		
Repl. Fluorescent Lighting Fixture	1131303	1.18	17	1.18		

Applied Instruction Buildings - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Panel Replacement, Metal Roofing	0311367	37.48	1	37.48		
PM & Insp. Motor Starter, 0 - 600V	1123602	5.35	2	5.35		
Refin. Steel (Painted) Ext. Wall, 2nd Floor	0415L24	5.28	3	5.28		
Refin. Steel (Painted) Ext. Wall, 1st Floor	0415L14	5.00	4	5.00		
Refin. Sheetrock (Stippled) Ceiling	0631204	3.46	5	3.46		
Flashing Replacement, Metal Roofing	0311365	2.79	6	2.79		
PM Exhaust Fan, 1000 CFM	09C1122	2.62	7	2.62		
M & R Motor Starter, 0-600 V	1123601	2.53	8	2.53		
Repl. Roof Mounted Exhaust Fan, 1000 CFM	09C1123	2.53	9	2.53		
Repl. Fluorescent Lighting Fixture	1131303	2.15	10	2.15		
Refin. Sheetrock (Stippled) Wall	0611204	2.09	11	2.09		
Refin. Steel Double Roll-up Door	0427204	1.61	12	1.61		
Repl. Motor Starter, 0-600 V	1123603	1.56	13	1.56		
Repl. Unfinished Concrete Floor	062B102	1.45	14	1.45		
Repl. Unit Heater, 4000 CFM	09A1D33	1.39	15	1.39		
P. M. Unit Heater, 4000 CFM	09A1D32	1.30	16	1.30		
Debris Rmvl. & Vis. Insp.-Metal Roofing	0311361	1.26	17	1.26		
Repl. Ceramic Tile Wall Finish	0612805	1.06	18	1.06		
Repl. Finned Radiator, Wall, 10' Section	0943301	1.03	19	1.03		

Aviation Unit Maintenance Hangars - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Panel Replacement - Metal Roofing	0311367	8.44			1	8.44
Total Roof Replacement - Roll Roofing	0311347	5.77			2	5.77
Minor Roofing Repair - Roll Roofing	0311343	4.57			3	4.57
Repl. Transformer, Dry, Below 15,000 V	1116203	4.19			4	4.19
Repl. Fluorescent Lighting Fixture	1131303	3.65			5	3.65
Refinish Plaster Ceiling	0631104	3.54			6	3.54
Refin. Stucco Ext. Wall, 3rd + Floor	0415C34	3.14			7	3.14
Repl. HID Metal Halide Fixture, 250 W	1131423	2.62			8	2.62
Repl. Switchgear, Indoor, Below 600 V	117103	2.57			9	2.57
Refinish Plaster Wall	0611104	2.37			10	2.37
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	2.01			11	2.01
Repl. Vinyl Asbestos Tile Flooring	062A202	1.94			12	1.94
Repl. Lamp, HID Metal Halide Fixture, 250 W	1131422	1.87			13	1.87
Refinish Clay Block (Painted) Wall	0612204	1.78			14	1.78
Refinish Sheetrock (Stippled) Ceiling	0631204	1.76			15	1.76
M & R Fluorescent Lighting Fixture	1131301	1.68			16	1.68
Replace Quarry Tile Floor	0622202	1.68			17	1.68

Aviation Unit Maintenance Hangars - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Ceramic Tile Wall	0612805	1.46			18	1.46
Repair Plaster Ceiling	0631102	1.26			19	1.26
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.23			20	1.23
M & R HID Metal Halide Fixture, 250 W	1131421	1.17			21	1.17
Replace Unfinished Concrete Floor	062B102	1.17			22	1.17
P.M. & Insp. Motor Starter, 0 - 600 V	1123602	1.16			23	1.16
Rep. Plate Glass Exterior Wall, 3rd + Floor	0415N32	1.12			24	1.12
Refin. Steel Frame (Painted) Ext. Wndw., 3rd + Floor	0432234	1.05			25	1.05

Aviation Intermediate Maintenance Hangars - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Roof Replacement - Roll Roofing	0311347	10.85	1	26.09	1	10.77
Minor Roofing Repair - Roll Roofing	0311343	8.56	2	15.23	2	8.53
Total Panel Replacement - Metal Roofing	0311367	6.48			3	6.51
Refin. Steel Frame (Painted) Fixed Wndw., 3rd + Floor	0432234	6.07			4	6.10
Refinish Finished Concrete Flooring	062B202	3.68			5	3.70
Replace Finished Concrete Flooring	062B203	3.29			6	3.30
Refin. Stucco Exterior Wall, 3rd + Floor	0415C34	3.10			7	3.12
Refin. Aluminum Panel Ceiling	0636104	2.52			8	2.54
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	2.16			9	2.17
Repl. Fluorescent Lighting Fixture	1131303	1.89			10	1.89
Repl. Wood Finished Ceiling	0635105	1.56	5	4.93	12	1.55
Refinish Plaster Wall	0611104	1.56	12	1.92	11	1.55
Minor Repairs To Finished Concrete Floor	062B201	1.52			13	1.52
Flashing Repairs - Roll Roofing	0311345	1.32	6	3.19	14	1.31
Repl. Switchgear, Indoor, Below-600 V	1117103	1.31	15	1.65	15	1.31
Refin Steel Frame (Painted) Fixed Wndw., 2nd Floor	0432224	1.26			16	1.26
Repl. Pressure Reducer Valve, 2"	09842A1	1.10			17	1.10

Aviation Intermediate Maintenance Hangars - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Prev. Maint. - Unit Heater, 1200 CFM	09A1D22	1.04			18	1.04
Refin. Wood Finished (Single Coat) Ext. Wall, 1st Floor	0415E14		3	9.08		
Refin. Concrete Ext. Wall, 1st Floor	0415A14		4	5.08		
Refin. Wood (Finished) Ceiling	0635104		7	2.85		
Repl. Wood Finished (Single Coat) Ext. Wall, 1st Floor	0415E15		8	2.81		
Repl. Timber (Finished) Interior Wall	0615305		9	2.81		
Repl. Unfinished Concrete Flooring	062B102		10	2.21		
Refin. Timber (Finished) Interior Wall	0615304		11	1.99		
Refin. Metal Window Grating, 1st Floor	0434414		13	1.74		
Debris Rmvl & Insp. - Roll Roofing	0311341		14	1.69		
Rep. Wood (Finished) Ceiling	0635102		16	1.43		
Rep. Concrete Exterior Wall, 1st Floor	0415A12		17	1.42		
Repl. Wood Frame (Painted) Oper. Window, 1st Floor	0431315		18	1.39		

Organizational Vehicle Maintenance Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Roof Replacement - Roll Roofing	0311347	5.35	10	1.38	1	6.04
Total Panel Replacement - Metal Roofing	0311367	5.05	1	14.16	4	3.48
P.M. Battery, Secondary Dry	1283401	4.27			2	5.01
Minor Roofing Repair - Roll Roofing	0311343	4.20			3	4.78
Repl. Fluorescent Lighting Fixture	1131303	3.24	4	2.22	5	3.42
Replace Deaerator	0981A13	2.78			6	3.26
Refinish Plaster Wall	0611104	2.51	18	1.02	7	2.76
Repl. Switchgear, Indoor, Below 600 V	1117103	2.29	11	1.34	8	2.46
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	2.10	5	1.90	9	2.13
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.99	13	1.28	10	2.11
M & R Fluorescent Lighting Fixture	1131301	1.47			11	1.57
Removal & Replacement of Shingles	0311357	1.36	15	1.16	12	1.40
Replace 1 H.P. Air Compressor	0831113	1.25	2	5.45		
Repl. Vinyl Asbestos Tile Flooring	062A202	1.17	16	1.16	14	1.17
P.M. & Insp. Motor Starter, 0-600 V	1123602	1.16	7	1.76	17	1.05
Minor Repairs - Shingled Roof	0311353	1.14			13	1.20
Repl. Finned Radiator, Wall, 10' Section	0943301	1.01			18	1.03
Refin. Stucco Interior Wall	0611404		3	2.66		

Organizational Vehicle Maintenance Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refin. Steel Frame (Painted) Fixed Window, 2nd Floor	0432224		6	1.86		
Refin. Steel (Painted) Interior Wall	0616304		8	1.73		
Refin Fiberglass Panel Rigid Ext. Wall, 3rd Floor	0415X34		9	1.73		
Refin. Alum. Panel Ceiling (Painted)	0636104		12	1.29		
Rep. Air Compressor - 1 H P	0831112		14	1.19		
Flashing Replacement - Metal Roofing	0311365		17	1.05		
Refin. Wood Frame (Painted) Fixed Wndw, 1st Floor	0432314				15	1.17
Repl. Wood Frame (Painted) Fixed Wndw, 1st Floor	0432315				16	1.15

DS/GS Vehicle Maintenance Shops - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Roof Replacement - Roll Roofing	0311347	10.81	4	3.52	1	11.74
Minor Roofing Repair - Roll Roofing	0311343	8.48	11	2.06	2	9.30
Refin. Steel Frame (Painted) Fixed Wndw., 3rd + Floor	0432234	5.12			3	5.77
Total Panel Replacement - Metal Roofing	0311367	4.88	1	17.00	5	3.33
Refinish Stucco Interior Wall	0611404	3.73			4	4.14
Replace Wood (Unfinished) Ceiling	0635205	2.81			6	3.17
Refin. Stucco Ext. Wall, 3rd + Floor	0415C34	2.25			7	2.44
Repl. Fluorescent Lighting Fixture	1131303	2.04	14	1.46	8	2.11
P.M. Battery, Secondary, Dry	1283401	1.81			9	2.04
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	1.79	8	2.50	10	1.69
Refinish Plaster Wall	0611104	1.67	13	1.52	11	1.69
P.M. Unit Heater, 400 CFM	09A1D12	1.57			12	1.65
Repl. Switchgear, Indoor, Below 600 V	1117103	1.35	7	2.80	15	1.17
Flashing Repairs - Roll Roofing	0311345	1.32			13	1.43
Refin. Steel Interior (Painted) Wall	0616304	1.28	5	3.34	21	1.02
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.21	12	1.86	18	1.13
Refin. Aluminum Panel Ceiling	0636104	1.16	3	5.25		
P.M. & Insp. Motor Starter, 0-600 V	1123602	1.16			14	1.30

DS/GS Vehicle Maintenance Shops - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Unfinished Concrete Flooring	062B102	1.13	20	1.00	16	1.15
Repl. Ceramic Tile Wall	0612805	1.08			17	1.13
P.M. Battery, Secondary Wet	1283301		2	5.38		
Repl. Transformer, Dry, Below 15,000 V	1116203		6	3.27		
Repl. Alum. Panel Ceiling (Painted)	0636105		9	2.29		
P.M. Battery, Primary Dry	1283201		10	2.07		
Repl. Fixture, HID Metal Halide, 250 W	1131423		15	1.27		
Flashing Replacement - Metal Roofing	0311365		16	1.26		
Removal & Replacement of Shingles	0311357		17	1.19		
Replace Glass Block Fixed Wndw, 1st Floor	0432515		18	1.02		
Replace Drinking Fountain	0811H07		19	1.00		
Replace Metal Floor Grating	0626202				19	1.07
Debris Rmvl. & Vis. Insp.- Roll Roofing	0311341				20	1.05

Special Purpose Maintenance Shops - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Roof Replacement - Roll Roofing	0311347	11.99			1	15.81
Minor Roofing Repair - Roll Roofing	0311343	9.50			2	12.52
Total Panel Replacement - Metal Roofing	0311367	2.79	1	9.32		
Repl. Fluorescent Lighting Fixture	1131303	2.37	7	2.14	5	2.44
Refinish Plaster Wall	0611104	2.22	15	1.29	3	2.52
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	1.98	12	1.54	7	2.11
P.M. & Insp. Motor Starter 0-600 V	1123602	1.93	9	1.68	8	2.01
Repl. Ceramic Tile Shower	0811R06	1.93	2	7.54		
Repl. Wood (Finished) Ceiling	0635105	1.90			4	2.48
Refin. Stucco Ext. Wall, 3rd + Floor	0415C34	1.84	10	1.66	10	1.89
Repair Clay Brick Wall	0612502	1.83			6	2.39
Refin. Steel Interior Wall, (Painted)	0616304	1.64	3	6.78		
Repl. Switchgear, Indoor, Below 600 V	1117103	1.50	14	1.45	11	1.52
Flashing Repairs - Roll Roofing	0311345	1.46			9	1.93
Repl. Unfinished Concrete Floor	062B102	1.21			13	1.44
Refin. Wood (Finished) Ceiling	0635104	1.12			12	1.47
Refin. Stucco Ext. Wall, 1st Floor	0415C14	1.11			15	1.15
Repl. Finned Radiator, Wall, 10' Section	0943301	1.11	8	1.87		

Special Purpose Maintenance Shops - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Debris Rmvl. & Vis. Insp., - Roll Roofing	0311341	1.07			14	1.41
Refin. Wood Frame (Painted) Fixed Wndw., 2nd Floor	0432324	1.06			18	1.09
M & R Fluorescent Lighting Fixture	1131301	1.06			16	1.12
Rep. Finished Concrete Interior Wall	061A202		4	3.66		
Refin Finished Concrete Interior Wall	061A204		5	3.15		
Repl. Vacuum Pump	0831123		6	2.65		
Rmvl. & Replacement of Shingles	0311357		11	1.61		
Repl. Transformer, Dry, Below 15,000 V	1116203		13	1.50		
Refinish Plaster Ceiling	0631104		16	1.18		
Minor Repairs - Shingled Roof	0311353		17	1.15		
Rep. Hollow Core (Painted) Interior Door	0533112		18	1.10		
Refin. Wood Frame (Painted) Oper. Wndw., 3rd + Floor	0431334		19	1.07		
Repl. New Over Existing - Shingled Roof	0311356		20	1.06		
Repl. Ceramic Tile Floor	0622102		21	1.05		
Repl. Sodium Fixture, H.P., 250W	1131613				17	1.11

Maintenance-Installation O & R Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Panel Replacement - Metal Roofing	0311367	8.06			1	10.30
Total Roof Replacement - Roll Roofing	0311347	4.58	1	9.53	3	3.18
Refinish Plaster Wall	0611104	3.57	4	3.47	2	3.60
Minor Roofing Repair - Roll Roofing	0311343	3.19	3	5.56	7	2.51
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	2.96	5	3.15	4	2.91
Repl. Switchgear, Indoor, Below 600 V	1117103	2.41	9	1.76	6	2.60
Replace Quarry Tile Floor	0622202	2.39	13	1.47	5	2.65
P.M. & Insp. Motor Starter, 0-600 V	1123602	1.97	6	2.63	10	1.78
M & R Contactors and Relays	1124001	1.89			8	2.40
Refin. Stucco Interior Wall	0611404	1.84	2	5.88		
Repl. Fluorescent Lighting Fixture	1131303	1.83	10	1.73	9	1.86
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.61	18	1.24	11	1.72
Rmvl. & Replacement of Shingles	0311357	1.55	7	2.18	12	1.37
Minor Repairs - Shingled Roof	0311353	1.26	12	1.55	18	1.18
Repair Plaster Wall	0611102	1.25	21	1.20	14	1.26
Repl. Transformer, Dry, Below 15,000 V	1116203	1.11			13	1.31
P.M. Pressure Sensor	09E1161	1.04			16	1.24
Repl. New Over Existing - Shingles	0311356	1.03	14	1.43		
Repl. Air Compressor, 1 HP	0831113	1.02			20	1.09

Maintenance-Installation O & R Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Vacuum Pump	0831123		8	1.9¢		
Refin. Sheetrock (Unstippled) Ceiling	0631304		11	1.63		
Rep. Finished Concrete Interior Wall	061A202		15	1.41		
Refin. Concrete Exterior Wall, 2nd Floor	0415A24		16	1.41		
M & R Motor Starter, 0-600V	1123601		17	1.25		
P.M. Unit Heater, 400 CFM	09A1D12		19	1.24		
Refin. Finished Concrete Interior Wall	061A204		20	1.22		
Flashing Repairs - Roll Roofing	0311345		22	1.16		
Flashing Repairs - Shingled Roof	0311355		23	1.10		
Refin. Double Pane Wood Frame Oper. Wndw., 1st Flr.	0431814		24	1.03		
Repl. Contactors and Relays	1124003				15	1.25
P.M. Heat/Cool Thermostat	09E1111				17	1.22
Refinish Plaster Ceiling	0631104				19	1.10
P.M. Contactors and Relays	1124002				21	1.08
Replace Carpet	0629102				22	1.04
Refin. Steel Frame (Painted) Fixed Wndw., 2nd Flr.	0432224				23	1.00

Ammunition Storage Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refin. Concrete Exterior Wall, 1st Floor	0415A14	20.51	1	20.51		
Rep. Finished Concrete Interior Wall	061A202	8.65	2	8.65		
Repl. Service Cable - Overhead Feeder	1112003	7.84	3	7.84		
Refin. Finished Concrete Interior Wall	061A204	7.46	4	7.46		
Membrane Rmvl. & Replacement - BUR	0311107	6.43	5	6.43		
Rep. Steel (Painted) Exterior Door	0421212	5.99	6	5.99		
Rep. Concrete Exterior Wall, 1st Floor	0415A12	5.74	7	5.74		
Place New Membrane Over Existing - BUR	0311106	5.68	8	5.68		
Debris Removal & Insp. - BUR	0311101	4.35	9	4.35		
Flashing Repairs - BUR	0311105	3.40	10	3.40		
Repair Cable Splice - Overhead Svc. Feeder	1112001	3.20	11	3.20		
Repl. Fluorescent Lighting Fixture	1131303	3.08	12	3.08		
Minor Membrane Repairs - BUR	0311103	3.07	13	3.07		
Refin. Steel (Painted) Ext. Wall, 1st Floor	0415L14	2.45	14	2.45		

Cold Storage Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Refrigeration Fan Coil Unit - 1 Ton	0991F13	24.84			1	24.84
P.M. Refrigeration Fan Coil Unit - 1 Ton	0991F12	11.77			2	11.77
Refinish Stucco Interior Wall	0611404	9.14			3	9.14
P.M. & Insp. Motor Starter, 0-600 V	1123602	3.74			4	3.74
Refin. Metal Window Gratings, 1st Floor	0434414	3.60			5	3.60
Refin. Stucco Exterior Wall, 1st Floor	0415C14	3.25			6	3.25
Repair Cement Asbestos Roofing	0311323	3.11			7	3.11
P.M. Aircooled Condenser, 5 Tons	0991B12	2.69			8	2.69
Rep. Refrigeration Fan Coil Unit - 1 Ton	0991F11	2.52			9	2.52
Total Panel Replacement - Metal Roofing	0311367	2.14			10	2.14
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	1.92			11	1.92
Repl. Switchgear, Indoor, 0-600V	1115103	1.78			12	1.78
Repl. Aircooled Condenser, 5 Tons	0991B13	1.66			13	1.66
Repl. Incandescent Lighting Fixture	1131103	1.55			14	1.55
Flashing Repair - Cement Asbestos Roofing	0311325	1.49			15	1.49
M & R Motor Starter, 0-600V	1123601	1.48			16	1.48
Repl. Metal Walk-In Cooler Interior Door	0534325	1.48			17	1.48

Cold Storage Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Unfinished Concrete Floor	062B102	1.36			18	1.36
Refinish Wire Mesh Wall	0616404	1.35			19	1.35
Total Roof Replacement - Cement Asbestos Roof	0311327	1.26			20	1.26
Repl. Wood Frame (Painted) Oper. Window, 1st Floor	0431315	1.19			21	1.19
Debris Rmvl. & Vis. Insp. - Cement Asbestos Roof	0311321	1.18			22	1.18
M & R Incandescent Lighting Fixture	1131101	1.15			23	1.15
Rep. Aircooled Condenser, 5 Tons	0991B11	1.11			24	1.11

General Purpose Warehouse - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Roof Replacement - Roll Roofing	0311347	6.89	1	9.32	1	5.80
Minor Roofing Repair - Roll Roofing	0311343	4.86	2	5.44	2	4.60
Repl. Fluorescent Lighting Fixture	1131303	2.96	6	2.14	3	3.32
Total Panel Replacement - Metal Roofing	0311367	2.85	3	4.31	6	2.19
Total Roof Replacement - Rigid Fiberglass Roof	0311377	1.94			4	2.81
Repl. Wood (Unfinished) Ceiling	0635205	1.77	18	1.13	7	2.05
Refinish Plaster Wall	0611104	1.75	10	1.57	9	1.83
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	1.69	4	2.30	11	1.41
Refin. Stucco Interior Wall	0611404	1.64			5	2.21
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.46	8	1.79	13	1.31
Repair Cement Asbestos Roofing	0311323	1.41			8	1.95
M & R Fluorescent Lighting Fixture	1131301	1.32			10	1.53
Repl. Switchgear, Indoor, Below 600V	1117103	1.29	7	1.97		
Refin. Stucco Ext. Wall, 3rd + Floor	0415C34	1.15	12	1.54		
Repl. Vinyl Asbestos Tile Flooring	062A202	1.10	22	1.06	19	1.12
Replace Carpet	0629102	1.08			14	1.28
P.M. & Insp. Motor Starter, 0-600 V	1123602	1.01			18	1.12

General Purpose Warehouse - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refin Sheetrock (Unstippled) Ceiling	0631304	1.01			12	1.33
Repl. Chiller, ACH Recip. - 50 Tons	0991423		5	2.23		
P.M. Chiller, ACH Recip. - 50 Tons	0991422		9	1.78		
Rep. Chiller, ACH Recip - 50 Tons	0991421		11	1.55		
Repl. Ceramic Tile Shower	0811R06		13	1.38		
Repl. Finned Radiator, Wall, 10' Section	0943301		14	1.35		
Rep. Finished Concrete Interior Wall	061A202		15	1.24		
Rmvl. & Replacement of Shingles	0311357		16	1.17		
Flashing Repairs - Roll Roofing	0311345		17	1.14		
Repl. Unfinished Concrete Floor	062B102		19	1.11		
Refin. Steel Interior Wall (Painted)	0616304		20	1.08		
Refin. Finished Concrete Interior Wall	061A204		21	1.07		
Repl. Ceramic Tile Wall	0612805		23	1.03		
Replace Deaerator	0981A13				15	1.25
Replace Sodium Fixture, HP, 250 W	1131613				16	1.22
Repl. Pressure Reducer Valve 2"	09842A1				17	1.21
Refin. Steel Frm.(Painted) Oper. Wndw., 3rd + Floor	0431234				20	1.07
Refin. Finished Concrete Floor	062B202				21	1.04

Inflammable Materials Warehouse - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Panel Replacement - Metal Roofing	0311367	16.11	1	34.79	5	3.85
Total Roof Replacement - Roll Roofing	0311347	10.10	4	4.93	1	13.50
Minor Roofing Repair - Roll Roofing	0311343	7.59	7	2.89	2	10.69
Refin. Wood Frame (Dbl. Pane) Oper. Wndw., 3rd + Floor	0431834	4.38			3	7.26
Refin. Steel (Painted) Ext. Wall, 1st Floor	0415L14	3.94	2	7.41	12	1.65
Refinish Plaster Wall	0611104	3.42			4	5.67
Refin Wood Fin. (Single Coat) Ext. Wall, 1st Floor	0415E14	2.61	3	6.59		
Rep. Steel (Painted) Exterior Door	0421212	1.93	11	1.86	9	1.98
Repl. Fluorescent Lighting Fixture	1131303	1.91	10	2.01	11	1.84
Refin. Concrete Block (WP/P) Ext. Wall, 1st Floor	0415914	1.88			6	3.12
Refin. Concrete Exterior Wall, 1st Floor	0415A14	1.29	5	3.25		
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.28	13	1.68	23	1.02
Flashing Repairs - Roll Roofing	0311345	1.23			13	1.65
Refin. Metal Window Gratings, 1st Floor	0434414	1.22			7	2.02
Flashing Replacement - Metal Roofing	0311365	1.20	8	2.59		
Repair Plaster Wall	0611102	1.19			8	1.98
Refinish Stucco Interior Wall	0611404	1.18	6	2.97		

Inflammable Materials Warehouse - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Carpet	0629102	1.11			10	1.85
Repl. Wood Fin. (Single Coat) Ext. Wall, 1st Flr.	0415E15		9	2.04		
Repl. Unfinished Concrete Floor	062B102		12	1.80		
Repl. Solid Core (Pntd) Wood Ext. Door	0423215		14	1.39		
Debris Rmvl. & Insp. - Metal Roofing	0311361		15	1.17		
Rep. Solid Core (Pntd) Wood Ext. Door	0423212		16	1.06		
Refin. Sheetrock (Unstippled) Int. Wall	0611304		17	1.01		
Refin. Pntd. Clay Brick Ext. Wall, 1st Floor	0415314				14	1.60
Rep. Finished Concrete Interior Wall	061A202				15	1.57
Repl. Wood Frm. (Dbl. Pane) Oper. Window, 3rd + Floor	0431835				16	1.57
Refin. Wire Mesh Wall	0616404				17	1.50
Refin. Stucco Ext. Wall, 3rd + Floor	0415C34				18	1.45
Refin. Concrete Exterior Wall, 3rd + Floor	0415A34				19	1.44
Repl. Switchgear, Indoor, Below 600 V	1117103				20	1.38
Refin. Finished Concrete Interior Wall	061A204				21	1.31
Debris Rmvl. & Insp. - Roll Roofing	0311341				22	1.20

Inflammable Materials Warehouse - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hr.au	
			Rank	% of Total	Rank	% of Total
Refin. Wood (Multi-Coat) Ext. Wall, 1st Floor	0415F14				24	1.01

Vehicle Storage/Parking Sheds - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Panel Replacement - Metal Roofing	0311367	26.81	4	6.45	1	66.39
Total Roof Replacement - Roll Roofing	0311347	12.79	1	19.37		
Minor Roofing Repair - Roll Roofing	0311343	7.46	2	11.30		
Refin. Wood (Single Coat) Ext. Wall, 1st Floor	0415E14	6.22	3	9.42		
Replace Wood (Unfinished) Ceiling	0635205	4.15	5	6.29		
Refin. Wood (Single Coat) Ext. Wall, 2nd Floor	0415E24	4.06	6	6.16		
Refinish Board Interior Wall	0615704	2.82	7	4.28		
Replace Unfinished Concrete Flooring	062B102	2.69	11	2.30	3	3.44
Flashing Replacement - Metal Roofing	0311365	1.98			2	4.91
Repl. Wood (Single Coat) Ext. Wall, 1st Floor	0415E15	1.93	8	2.92		
Flashing Repairs - Roll Roofing	0311345	1.56	9	2.37		
Repl. Wood Frame (Painted) Fixed Window, 1st Floor	0432315	1.55	10	2.35		
Replace Pipe or Gutter	0822102	1.45	12	2.20		
Refinish Wire Mesh Wall	0616404	1.40	13	2.12		
Refin. Wood Frame (Painted) Fixed Window, 1st Floor	0432314	1.34	14	2.03		
Minor Repairs to Unfinished Concrete Flooring	062B101	1.22				
Repl. Fluorescent Lighting Fixture	1131303	1.21	19	1.21		

Vehicle Storage/Parking Sheds - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Debris Rmvl. & Vis. Insp. - Metal Roofing	0311361	1.13			4	2.90
Repair Wood (Unfinished) Ceiling	0635202	1.11	15	1.68		
Repl. Transformer, Dry, Below 15,000 V	1116203	1.02	16	1.55		
Repl. Wood Fin. (Single Coat) Ext. Wall, 2nd Flr.	0415E25		17	1.28		
Debris Rmvl. & Insp. - Roll Roofing	0311341		18	1.26		
Repl. Sodium Fixture, H.P., 250W	1131613				5	2.11
Repl. Alum. Siding (Anodized), 2nd Flr.	0415J25				6	1.82
Non-Dest. Moist. Insp. - Metal Roofing	0311362				7	1.76
M & R Contactors & Relays	1124001				8	1.66

Dental Clinic - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Vinyl Asbestos Tile Flooring	062A202	6.36			1	6.36
Refinish Plaster Wall	0611104	5.44			2	5.44
Total Panel Replacement - Metal Roofing	0311367	4.31			3	4.31
Replace Vacuum Pump	0831123	3.78			4	3.78
Repl. Fluorescent Lighting Fixture	1131303	3.13			5	3.13
Rep. Hollow Core (Painted) Interior Door	0533112	2.99			6	2.99
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	2.28			7	2.28
Repl. Gas Compressor > 1/2 HP	0831133	2.20			8	2.20
Repl. Switchgear, Indoor, Below 600 V	1117103	2.01			9	2.01
P.M. & Insp. Motor Starter, 0 - 600 V	1123602	1.96			10	1.96
Repair Plaster Wall	0611102	1.90			11	1.90
Refinish Plaster Ceiling	0631104	1.77			12	1.77
Refin. Metal Wire Mesh Window Cover, 1st Floor	0434514	1.66			13	1.66
Replace Ceramic Tile Wall	0612805	1.56			14	1.56
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.44			15	1.44
M & R Fluorescent Lighting Fixture	1131301	1.44			16	1.44
Removal and Replacement of Shingles	0311357	1.40			17	1.40
Repl. Hollow Core (Painted) Interior Door	0533115	1.36			18	1.36

Dental Clinic - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
P.M. Battery, Primary Dry	1283201	1.30			19	1.30
Refin. Sheetrock (Unstippled) Wall	0611304	1.25			20	1.25
Repl. Radiator, Cast Iron, 10' Section	0981F01	1.22			21	1.22
Refin. Aluminum Siding, 1st Floor	0415I14	1.22			22	1.22
Repair Gas Compresser > 1/2 HP	0831132	1.22			23	1.22
Minor Repairs - Shingled Roof	0311353	1.20			24	1.20
Repl. Transformer, Dry, Below 15,000 V	1116203	1.08			25	1.08
Refin. Hollow Core (Painted) Interior Door	0533114	1.08			26	1.08

Health Clinic - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Fluorescent Lighting Fixture	1131303	6.20	13	1.68	1	7.16
Total Roof Replacement - Roll Roofing	0311347	4.34			2	5.24
Minor Roofing Repair - Roll Roofing	0311343	3.43			3	4.15
Repl. Vinyl Asbestos Tile Flooring	062A202	3.11			5	3.60
P.M. Battery, Primary Dry	1283201	3.11			4	3.76
M & R Fluorescent Lighting Fixture	1131301	2.84			6	3.29
Replace Carpet	0629102	2.82	1	9.98	15	1.31
Replace Drinking Fountain	0811H07	2.82	19	1.25	7	3.15
Refinish Plaster Wall	0611104	2.72	2	5.52	10	2.12
Replace Rubber Tile Flooring	062A302	2.25			8	2.73
Rep. Hollow Core (Painted) Interior Door	0533112	2.15	5	3.18	12	1.93
Repl. Switchgear, Indoor, Below 600V	1117103	2.11	7	2.19	11	2.10
Refin. Sheetrock (Unstippled) Wall	0611204	1.87			9	2.19
Replace Ceramic Tile Wall	0612805	1.60	4	3.52	17	1.20
P.M. & Insp. Motor Starter, 0 - 600V	1123602	1.58			13	1.88
Repl. Receptacle and Plug	1127202	1.43			14	1.60
M & R Receptacle and Plug	1127201	1.15			16	1.30
Repl. Finned Radiator, Wall, 10' Section	0943301		3	3.68		

Health Clinic - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refin. Wood Frame (Double Pane) Oper. Wndw, 3rd+ Flr.	0431834		6	3.03		
Repl. Vacuum Pump	0831123		8	2.17		
Repair Plaster Wall	0611102		9	1.91		
Rmvl. & Replacement of Shingles	0311357		10	1.81		
Refin. Wood Frame Screen Cover, 3rd Floor	0434834		11	1.79		
Refin. Wood Frm. (Dbl.Pane) Oper. Wndw., 2nd Floor	0431824		12	1.75		
Refin. Plaster Ceiling	0631104		14	1.68		
Repl. Circulation Pump, 5HP	0984423		15	1.46		
Repl. Hollow Core (Pntd.) Wood Interior Door	0533115		16	1.42		
Refin. Stucco Exterior Wall, 2nd Floor	0415C24		17	1.34		
Minor Repairs - Shingled Roof	0311353		18	1.29		
Refin. Metal Window Grating, 1st Floor	0434414		20	1.21		
Repl. New Over Existing - Shingled Roof	0311356		21	1.19		
Repl. Ceramic Tile Shower	0811R06		22	1.11		
Rep. Wood Louver Interior Door	0534232				18	1.15
Repl. Switchgear, Indoor, 0-600V	1115103				19	1.09
Replace Wallpaper	0614505				20	1.09

General Purpose Admin. Buildings - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refinish Plaster Wall	0611104	5.25	2	4.14	1	5.52
Replace Carpet	0629102	4.30	1	4.65	3	4.31
Replace Deaerator	0981A13	4.03			2	4.84
Repl. Fluorescent Lighting Fixture	1131303	3.42	3	3.40	4	3.44
Repl. Vinyl Asbestos Tile Flooring	062A202	2.60	4	3.33	6	2.41
Repl. Ceramic Tile Shower	0811R06	2.06			5	2.47
Refinish Plaster Ceiling	0631104	2.04	11	2.07	7	2.05
Repair Plaster Wall	0611102	1.83	18	1.44	8	1.93
Rep. Hollow Core (Painted) Interior Door	0533112	1.76	17	1.44	9	1.84
Repl. Switchgear, Indoor, Below 600V	1117103	1.69	9	2.09	11	1.59
Replace Ceramic Tile Wall	0612805	1.59	14	1.77	14	1.56
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	1.56	19	1.40	13	1.58
M & R Fluorescent Lighting Fixture	1131301	1.54	20	1.37	12	1.58
Total Roof Replacement - Roll Roofing	0311347	1.51			15	1.52
Refin. Stucco Exterior Wall, 3rd+ Floor	0415C34	1.49	22	1.15	10	1.60
Total Panel Replacement - Metal Roofing	0311367	1.33	13	1.92	19	1.12
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.32	23	1.11	17	1.33
Rmvl. & Replacement of Shingles	0311357	1.31	5	2.95		

General Purpose Admin. Buildings - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Minor Roofing Repair - Roll Roofing	0311343	1.18			18	1.20
P.M. Deaerator	0981A12	1.14			16	1.36
Repl. Finned Radiator, Wall, 10' Section	0943301	1.12	6	2.63		
Minor Repairs - Shingled Roof	0311353	1.04	8	2.10		
Rep. Finished Concrete Interior Wall						
Refin. Finished Concrete Interior Wall	061A204		10	2.07		
Repl. New Over Existing - Shingled Roof	0311356		12	1.94		
Refin. Stucco Interior Wall	0611404		15	1.62		
Flashing Repairs - Shingled Roof	0311355		16	1.49		
Repl. Rubber Tile Flooring	062A302		21	1.31		
Refin. Wood Frm. (Pntd.) Oper. Wndw., 2nd Floor	0431324		24	1.10		
Rep. Solid Core (Pntd.) Wood Interior Door	0533212		25	1.08		
Repl. Diesel Generator Component	1281203				20	1.12

Family Housing, Generals - Cost by Task

Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refinish Plaster Wall	0611104	6.30	2	4.87	6	3.14
Rep. Hollow Core (Painted) Interior Door	0533112	3.72	1	5.53		
Replace Ceramic Tile Wall	0612805	3.60	10	1.88	1	11.78
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	3.09	9	2.11	19	1.38
Rmvl. & Replacement of Shingles	0311357	2.94	7	2.37	8	3.11
Repl. Vinyl Asbestos Tile Flooring	062A202	2.68	4	2.55	4	3.81
Repair Plaster Wall	0611102	2.50	12	1.69	9	2.91
Refinish Plaster Ceiling	0631104	2.48	14	1.68	15	1.54
Repl. Hollow Core (Painted) Interior Door	0533115	2.15	5	2.46	7	3.13
Minor Repairs - Shingled Roof	0311353	1.83	13	1.68		
Repl. Solid Core (Painted) Interior Door	0533215	1.64			2	7.06
Refin. Wood Frm. Dbl. Pane Oper. Wndw, 2nd Flr.	0431824	1.64	21	1.07		
Refin. Stucco Exterior Wall, 3rd + Floor	0415C34	1.61			16	1.51
Repl. Transformer, Dry, Below 15,000 V	1116203	1.61			3	3.95
Repl. New Shingles Over Existing	0311356	1.58	18	1.56		
Repl. Switchgear, Indoor, Below 600 V	1117103	1.54	6	2.46		
Refin. Wood Frm Dbl. Pane Oper. Wndw., 3rd+ Floor	0431834	1.50				
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.45	16	1.57		

Family Housing, Generals - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Dishwasher	0841102	1.42	8	2.11		
Flashing Repairs - Shingled Roof	0311355	1.29	20	1.20		
Repl. Cast Iron Radiator, 10' Section	0943101	1.12			13	2.45
Refin. Hollow Core (Painted) Interior Door	0533114	1.00	19	1.47		
Repl. Wall Radiator, Finned, 10' Section	0981H01		3	3.24		
Rep. Finished Concrete Interior Wall	061A202		11	1.79		
Rep. Wood Shake (Fin.) Exterior Wall, 2nd Floor	0415H24		15	1.59		
Refin. Finished Concrete Interior Wall	061A204		17	1.56		
Repl. Wood (Finished) Ceiling	0635105				5	3.40
M & R Receptacle & Plug	1127201				10	2.66
M & R Wiring Device, Switch	1127101				11	2.47
M & R Incandescent Lighting Fixture	1131101				12	2.45
Repl. Quarry Tile Floor	0622202				14	1.78
Total Panel Replacement - Metal Roofing	0311367				17	1.41
Rep. Solid Core (Painted) Wood Interior Door	0533212				18	1.41
Repl. Ceramic Tile Floor	0622102				20	1.33
Repl. Radiator, Cast Iron, 10' Section	0981F01				21	1.30
Replace Pipe or Gutter	0822102				22	1.20

Family Housing, Colonel - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Transformer, Dry, Below 15,000 V	1116203	6.96	1	10.17		
Refinish Plaster Wall	0611104	5.60	5	3.13	1	8.85
Rep. Hollow Core (Painted) Interior Door	0533112	5.23	2	6.66	13	1.65
Replace Ceramic Tile Wall	0612805	3.84	7	2.89	2	4.65
Replace Switchgear, Indoor, Below 600 V	1117103	2.96	4	3.16	9	2.63
Repair Solid Core (Painted) Interior Door	0533212	2.83	8	1.93	5	3.87
Replace Vinyl Asbestos Tile Flooring	062A202	2.74	12	1.56	4	4.20
Refinish Plaster Ceiling	0631104	2.47	13	1.41	6	3.85
Replace Hollow Core (Painted) Interior Door	0533115	2.34	6	2.97		
Repair Plaster Wall	0611102	1.95	18	1.08	7	3.09
Repair Aluminum Shutter (Framed), 1st Floor	0433512	1.73	3	4.50		
Replace Deaerator	0981A13	1.67			3	4.41
Replace Solid Core (Painted) Interior Door	0533215	1.65	17	1.12	11	2.27
Replace Wood Parquetry Floor	0625103	1.62	10	1.68	19	1.12
Refinish Solid Core (Painted) Interior Door	0533214	1.51			10	2.36
Refinish Stucco Exterior Wall, 3rd+ Floor	0415C34	1.50	19	1.05	8	2.75
Refinish Hollow Core (Painted) Interior Door	0533114	1.45	9	1.78		
Replace Cast Iron Radiator, 10' Section	0943101	1.18			15	1.42

Family Housing, Colonel - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refinish Stucco Exterior Wall, 2nd Floor	0415C24	1.10			14	1.58
Refinish Alum. Shutter (Framed), 1st Floor	0433514		11	1.58		
Refinish Wood Frm. (Pntd.) Fixed Wndw., 2nd Flr.	0432324		14	1.29		
Replace Finned Radiator, Wall, 10' Section	0943301		15	1.14		
Refinish Stucco Interior Wall	0611404		16	1.14		
Replace Carpet	0629102				12	2.14
Total Panel Replacement - Metal Roofing	0311367				16	1.42
Repair Plaster Ceiling	0631102				17	1.37
P.M. Deaerator	0981A12				18	1.30
Refinish Stucco Exterior Wall, 1st Floor	0415C14				20	1.02
Repair Ceramic Tile Wall	0612802				21	1.02

UPH Enlisted Personnel - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Ceramic Tile Shower	0811R06	14.37	9	2.58	1	17.66
Refinish Plaster Wall	0611104	5.23	5	3.11	2	5.82
Replace Vinyl Asbestos Tile Floor	062A202	4.32	1	4.59	3	4.24
Replace Ceramic Tile Floor	0612805	3.07	4	3.22	4	3.03
Replace Fluorescent Lighting Fixture	1131303	2.79	7	2.60	5	2.84
Refinish Stucco Exterior Wall, 3rd+ Floor	0415C34	2.15	6	2.89	9	1.94
Replace Deaerator	0981A13	1.95			6	2.49
Refinish Plaster Ceiling	0631104	1.88	23	1.19	7	2.07
Repair Plaster Wall	0611102	1.83	26	1.08	8	2.03
Refinish Stucco Exterior Wall, 2nd Floor	0415C24	1.51	10	2.47	16	1.24
Replace Switchgear, Indoor, Below 600 V	1117103	1.42	12	1.89	15	1.29
Repair Hollow Core (Painted) Interior Door	0533112	1.39	19	1.28	12	1.42
Unstop Ceramic Tile Shower	0811R05	1.38			10	1.70
Replace Rubber Interior Stair	0572705	1.26			11	1.61
M & R Fluorescent Lighting Fixture	1131301	1.25	29	1.05	14	1.30
Refin. Wood Frm. (Dbl. Pane) Oper. Wndw., 3rd+ Flr.	0431834	1.17	25	1.14	17	1.17
Replace Finned Radiator, Wall, 10' Section	0943301	1.13	15	1.80		
Replace Faucets - Ceramic Tile Shower	0811R03	1.09			13	1.33

UPH Enlisted Personnel - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repair Finished Concrete Interior Wall	061A202	1.08	2	4.03		
Rmvl. & Replacement of Shingles	0311357	1.02	11	2.13		
Refinish Finished Concrete Interior Wall	061A204		3	3.48		
Refinish Stucco Interior Wall	0611404		8	2.58		
Refin. Wood Frame (Painted) Oper. Window, 2nd Floor	0431324		13	1.86		
Replace Pressure Reducer Valve 2"	09842A1		14	1.85		
Minor Repairs - Shingled Roof	0311353		16	1.52		
Refin. Wood Frm. (Dbl. Pane) Oper. Wndw., 2nd Flr.	0431824		17	1.40		
Replace New Over Existing - Shingled Roof	0311356		18	1.40		
Replace Wood (Unfinished) Ceiling	0635205		20	1.26		
Replace Carpet	0629102		21	1.25		
Replace Ceramic Tile Floor	0622102		22	1.21		
Repair Solid Core (Painted) Interior Door	0533212		24	1.19		
Flashing Repairs - Shingled Roof	0311355		27	1.08		
Replace Wall Radiator, Finned, 10' Section	0981H01		28	1.05		
Replace Cast Iron Radiator, 10' Section	0943101				18	1.01

UPH Dining Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Ceramic Tile Wall	0612805	6.24	1	7.94	2	5.72
Refinish Plaster Wall	0611104	4.80	21	1.36	1	5.85
Replace Ceramic Tile Shower	0811R06	3.85			3	5.03
Replace Fluorescent Lighting Fixture	1131303	3.05	4	3.55	6	2.90
Replace Deaerator	0981A13	2.48			4	3.23
Total Roof Replacement - Roll Roofing	0311347	2.46			5	3.21
Minor Roofing Repair - Roll Roofing	0311343	1.95			7	2.54
Replace Ceramic Tile Floor	0622102	1.86	9	2.22	13	1.75
Total Panel Replacement - Metal Roofing	0311367	1.85	19	1.44	10	1.97
Refinish Stucco Exterior Wall, 1st Floor	0415C14	1.84	14	1.69	12	1.89
Replace Switchgear, Indoor, Below 600 V	1117103	1.83	15	1.60	11	1.90
P.M. & Insp. Motor Starter, 0-600V	1123602	1.67	6	3.08	19	1.24
Refinish Plaster Ceiling	0631104	1.67			9	2.09
Replace Induction Draft Fan, 10,000 CFM	09B2123	1.62			8	2.12
Refinish Finished Concrete Interior Wall	061A204	1.62	2	5.29		
Repair Ceramic Tile Wall	0612802	1.36	12	1.73	18	1.25
M & R Fluorescent Lighting Fixture	1131301	1.36	21	1.43	17	1.33
CK. Oper. & Add Salt Water - Water Softener	0841302	1.32	3	4.80		

UPH Dining Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Rmvl. & Replacement of Shingles	0311357	1.29	8	2.61		
Replace Vinyl Asbestos Tile Flooring	062A202	1.28			15	1.47
P.M. Induction Draft Fan, 10,000 CFM	09B2122	1.24			14	1.61
Replace Rubber Tile Flooring	062A302	1.04			16	1.36
Minor Repairs - Shingled Roof	0311353	1.02	10	1.86		
Repair Finished Concrete Interior Wall	061A202		5	3.10		
Replace Metal Flue	09C2101		7	2.73		
Replace Variable Volume Unit, 6560 CFM	09A1514		11	1.83		
Replace New Over Existing - Shingled Roof	0311356		13	1.71		
Replace Switchgear, Indoor, 0-600V	1115103		16	1.47		
M & R Motor Starter, 0-600V	1123601		17	1.46		
Replace Quarry Tile Floor	0622202		18	1.46		
Replace Roof - Mounted Exhaust Fan, 1000 CFM	09C1163		20	1.43		
Flashing Repairs - Shingled Roof	0311355		22	1.32		
Refinish Stucco Exterior Wall, 2nd Floor	0415C24		23	1.29		
Refinish Concrete (Finished) Ceiling	063A204		24	1.05		
Replace Wood (Unfinished) Ceiling	0635205		25	1.03		
Repair Plaster Wall	0611102				20	1.02

UPH Officers - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refinish Plaster Wall	0611104	11.02	6	2.67	1	14.07
Rep. Hollow Core (Painted) Interior Door	0533112	4.66	17	1.37	2	5.85
Refinish Plaster Ceiling	0631104	4.03			3	5.14
Refinish Stucco Exterior Wall, 3rd+ Floor	0415C34	3.07	8	2.12	4	3.41
Refinish Finished Concrete Interior Wall	061A204	2.87	1	8.?.		
Refinish Wire Mesh Wall	0616404	2.20			5	3.00
Replace Hollow Core (Painted) Interior Door	0533115	2.11			6	2.65
Replace Carpet	0629102	2.08	2	7.80		
Replace Linoleum Flooring	062A102	2.07	13	1.60	9	2.24
Replace Ceramic Tile Wall	0612805	2.02			8	2.44
Refinish Stucco Interior Wall	0611404	1.95	3	7.00		
Repair Plaster Wall	0611102	1.92			7	2.46
Replace Ceramic Tile Shower	0811R06	1.86			10	2.23
Refinish Stucco Exterior Wall, 2nd Floor	0415C24	1.76	9	1.89	14	1.71
Repair Finished Concrete Interior Wall	061A202	1.70	4	5.12		
Refinish Hollow Core (Painted) Interior Door	0533114	1.65			11	2.12
Replace Vinyl Asbestos Tile Flooring	062A202	1.42			12	1.87
Replace Cast Iron Radiator, 10' Section	0943101	1.29			16	1.47
Replace Deaerator	0981A13	1.28			13	1.75

UPH Officers - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Alum. Frame Screen Cover, 3rd+ Floor	0434634	1.11			15	1.51
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.08			19	1.15
Refinish Sheetrock (Unstippled) Wall	0611304	1.07			17	1.46
Refinish Stucco Interior Ceiling	0631404		5	2.96		
Rmvl. & Replacement of Shingles	0311357		7	2.29		
Replace Switchgear, Indoor, Below 600V	1117103		10	1.76		
Minor Repairs - Shingled Roof	0311353		11	1.63		
Replace Wood (Unfinished) Ceiling	0635205		12	1.62		
Replace Finned Radiator, Wall, 10' Section	0943301		14	1.60		
Replace New Over Existing - Shingled Roof	0311356		15	1.51		
Refinish Finished Concrete Ceiling	063A204		16	1.44		
Replace Fluorescent Lighting Fixture	1131303		18	1.33		
Replace Dishwasher	0841102		19	1.26		
Repair Solid Core (Painted) Interior Door	0533212		20	1.18		
Replace Smoke Detector	1221203		21	1.17		
Flashing Repairs - Shingled Roof	0311355		22	1.16		
Refin.Wood Frm. (Painted) Oper. Wndw., 3rd+ Floor	0431334		23	1.06		
Replace Wood Parquetry Floor	0625103				18	1.17

Community Fire Station - Cost By Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Carpet	0629102	4.08	1	7.12	19	1.39
Rmvl. & Replacement of Shingles	0311357	3.56	4	4.58	7	2.65
P.M. Battery, Secondary Dry	1283401	3.34			1	6.30
Replace Fluorescent Lighting Fixture	1131303	2.98	7	3.43	8	2.58
Minor Repairs - Shingled Roof	0311353	2.74	8	3.26	13	2.27
Repair Finished Concrete Wall	061A202	2.72	2	5.79		
Replace Ceramic Tile Wall	0612805	2.63	11	2.78	9	2.51
Replace Ceramic Tile Flooring	0622102	2.56	12	2.39	6	2.71
Refinish Finished Concrete Wall	061A204	2.35	3	4.99		
Replace New Over Existing - Shingles	0311356	2.35	9	3.01	16	1.76
Replace Wood Frm. (Dbl. Pane) Fixed Wndw., 1st Floor	0432815	2.06	26	1.01	4	2.99
Refinish Stucco Exterior Wall, 2nd Floor	0415C24	2.06			2	3.27
Flashing Repairs - Shingled Roof	0311355	1.80	13	2.31	21	1.34
Replace Rubber Tile Flooring	062A302	1.79	5	3.81		
Refinish Stucco Exterior Wall, 1st Floor	0415C14	1.72			3	3.25
Replace Finned Radiator, Wall, 10' Section	0943301	1.69	6	3.58		
Refinish Plaster Wall	0611104	1.60			14	2.19
Refinish Wood (Multi-Coat) Ext. Wall, 2nd Flr.	0415F24	1.57			5	2.97
Refinish Plaster Ceiling	0631104	1.56	10	2.94		
Replace Switchgear, Indoor, Below 600V	1117103	1.51			11	2.43

Community Fire Station - Cost By Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refin. Wood Frm. (Dbl. Pane) Fixed Wndw., 1st Flr.	0432814	1.51			12	2.28
Replace Wallpaper	0614505	1.31			10	2.47
Replace Pipe or Gutter	0822102	1.28	21	1.34	25	1.23
M & R Fluorescent Lighting Fixture	1131301	1.28	20	1.38	27	1.19
Debris Rmvl. & Vis. Insp. - Shingled Roof	0311351	1.09	22	1.22		
Replace Wood (Finished) Ceiling	0635105	1.08			15	2.04
Replace Switchgear, Indoor, 0 - o00V	1115103	1.04	14	2.21		
Refin. Wood Frame (Dbl. Pane) Oper. Wndw., 1st Floor	0431814	1.01			20	1.37
Refinish Sheetrock (Unstippled) Wall	0611304		15	2.06		
Repair Solid Core (Painted) Wood Int. Door	0533212		16	1.80		
Replace Quarry Tile Floor	0622202		17	1.77		
Replace Transformer, Liq. Filled, Below 600V	1116103		18	1.63		
Repl. Steam Regulation Valve - 2"	0941301		19	1.48		
Replace Ceramic Tile Shower	0811R06		23	1.14		
Replace Solid Core (Painted) Wood Interior Door	0533215		24	1.05		
Replace Plaster Ceiling	0631102		25	1.04		
Replace Smoke Detector	1221203		27	1.01		
Repl. Pressure Reducer Valve - 2"	09842A1				17	1.51

Community Fire Station - Cost By Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repair Cement Asbestos Roof	0311323				18	1.45
Refin. Sheetrock (Unstippled) Ceiling	0631304				22	1.31
P.M. & Insp., Motor Starter, 0 - 600V	1123602				23	1.30
Replace Transformer, Dry, Below 15,000V	1116203				24	1.27
Refinish Wood (Finished) Ceiling	0635104				26	1.21
Repair Hollow Core (Pntd.) Wood Interior Door	0533112				28	1.17
Refin. Wood Frm. (Dbl. Pane) Oper. Wndw., 2nd Floor	0431824				29	1.07
Replace Cast Iron Radiator, 10' Section	0943101				30	1.07
Replace Wood Frm. (Dbl. Pane) Oper. Wndw., 1st Floor	0431815				31	1.07
Replace Battery Secondary Dry	1283402				32	1.00
Replace Wood, Finished (Multi-Coat) Ext. Wall, 2nd Floor	0415F25				33	1.00

Chapel Center Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Carpet	0629102	7.35			1	8.73
Refinish Wood Frame (Painted) Fixed Wndw., 1st Floor	0432314	6.27			2	7.44
Replace Wood Frame (Painted) Fixed Wndw., 1st Floor	0432315	6.13			3	7.28
Replace Deaerator	0981A13	5.20			4	6.17
Refinish Plaster Wall	0611104	4.41			5	5.23
Total Roof Replacement - Roll Roofing	0311347	3.53			6	4.19
Refinish Wood Frame (Painted) Fixed Wndw, 2nd Floor	0432324	2.95			7	3.50
Minor Roofing Repair - Roll Roofing	0311343	2.79			8	3.32
Refinish Stucco Exterior Wall, 1st Floor	0415C14	2.38	19	1.25	9	2.60
Replace Vinyl Asbestos Tile Flooring	062A202	2.37	3	5.64	13	1.76
Refinish Stucco Exterior Wall, 2nd Flr.	0415C24	1.98	6	3.12	12	1.77
Repair Hollow Core (Painted) Interior Door	0533112	1.92			10	2.26
Refinish Wood Frame (Painted) Oper. Wndw., 2nd Flr.	0431324	1.73	5	4.45	18	1.22
Repair Plaster Wall	0611102	1.54			11	1.83
Refinish Plaster Ceiling	0631104	1.43			14	1.70
P.M. Deaerator	0981A12	1.43			15	1.69
Replace Fluorescent Lighting Fixture	1131303	1.38			16	1.57
Replace Wood Frame (Painted) Fixed Wndw., 2nd Floor	0432325	1.22			17	1.45

Chapel Center Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Cast Iron Radiator, 10' Section	0943101	1.21	16	1.41	19	1.18
Repair Finished Concrete Interior Wall	061A202	1.18	1	7.39		
Replace Switchgear, Indoor, Below 600V	1117103	1.14	15	1.47	20	1.07
Refin. Finished Concrete Interior Wall	061A204	1.02	2	6.38		
Refinish Stucco Ext. Wall, 3rd+ Floor	0415C34		4	4.45		
Rmvl. & Replacement of Shingles	0311357		7	2.53		
Replace Wood (Unfinished) Ceiling	0635205		8	2.38		
Refinish Wood Frm. (Pntd.) Oper. Wndw., 3rd+ Floor	0431334		9	2.22		
P.M. & Insp. Motor Starter, 0 - 600V	1123602		10	2.11		
Repair Solid Core (Pntd.) Wood Interior Door	0533212		11	1.81		
Minor Repairs - Shingled Roof	0311353		12	1.80		
Replace New Over Existing - Shingled Roof	0311356		13	1.66		
Replace Ceramic Tile Shower	0811R06		14	1.52		
Repl. Wood Frm. (Pntd.) Oper. Wndw., 2nd Floor	0431325		17	1.36		
Flashing Repairs - Shingled Roof	0311355		18	1.28		
Replace Ceramic Tile Wall	0612805		20	1.21		
Refin. Concrete Finished Ceiling	063A204		21	1.09		
Replace Solid Core (Pntd.) Wood Interior Door	0533215		22	1.06		

Chapel Center Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
P.M. Pressure Sensor	09E1161		23	1.02		
Replace Hollow Core (Pntd.) Wood Int. Dr	0533115				21	1.03

Dependent Grade School - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repair Finished Concrete Interior Wall	061A202	9.16	1	9.16		
Refin. Finished Concrete Interior Wall	061A204	7.90	2	7.90		
Replace Carpet	0629102	6.40	3	6.40		
Rmvl. & Replacement of Shingles	0311357	5.61	4	5.61		
Replace Vinyl Asbestos Tile Flooring	062A202	4.38	5	4.38		
Minor Repairs - Shingled Roof	0311353	4.00	6	4.00		
Replace New Over Existing - Shingled Roof	0311356	3.69	7	3.69		
Repl. Fluorescent Lighting Fixture	1131303	3.39	8	3.39		
Flashing Repairs - Shingled Roof	0311355	2.84	9	2.84		
Repl. Switchgear, Indoor, Below 600V	1117103	2.28	10	2.28		
Rep. Hollow Core (Painted) Interior Door	0533112	1.91	11	1.91		
Repl. Ceramic Tile Wall	0612805	1.76	12	1.76		
Refin. Concrete Exterior Wall, 2nd Floor	0415A24	1.69	13	1.69		
M & R Contactors and Relays	1124001	1.54	14	1.54		
Debris Rmvl. & Vis. Inspect. - Shingled Roof	0311351	1.50	15	1.50		
Repl. Steam Regulation Valve - 2"	0941301	1.47	16	1.47		
Repair Stone Exterior Wall, 1st Floor	0415B12	1.44	17	1.44		
M & R Fluorescent Lighting Fixture	1131301	1.36	18	1.36		

Dependent Grade School - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Quarry Tile Flooring	0622202	1.29	19	1.29		
Repl. Drinking Fountain	0811H07	1.28	20	1.28		
Repl. Cast Iron Radiator, 10' Section	0943101	1.24	21	1.24		
Replace Pipe or Gutter	0822102	1.18	22	1.18		
Repair Steel (Painted) Interior Door	0531112	1.13	23	1.13		
Repl. Contactors and Relays	1124003	1.07	24	1.07		

Post Office - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refinish Stucco Exterior Wall, 2nd Floor	0415C24	7.33			1	7.33
Rmvl. & Replacement of Shingles	0311357	6.07			2	6.07
Refinish Plaster Wall	0611104	5.79			3	5.79
Refinish Wire Mesh Wall	0616404	5.36			4	5.36
Minor Repairs - Shingled Roof	0311353	5.20			5	5.20
Refin. Stucco Exterior Wall, 1st Floor	0415C14	5.04			6	5.04
Repl. New Over Existing - Shingled Roof	0311356	4.04			7	4.04
Repl. Fluorescent Lighting Fixture	1131303	3.35			8	3.35
Refinish Plaster Ceiling	0631104	3.28			9	3.28
Flashing Repairs - Shingled Roof	0311355	3.07			10	3.07
Repl. Transformer, Liquid Filled, Below 600V	1116103	2.54			11	2.54
Refin. Metal Window Grating, 1st Floor	0434414	2.30			12	2.30
Debris Rmvl. & Visual Inspect. - Shingled Roof	0311351	2.23			13	2.23
Refin. Wood Fin. (Multi-Coat) Ext. Wall, 2nd Floor	0415F24	2.06			14	2.06
Repair Plaster Wall	0611102	2.02			15	2.02
Refin. Concrete Decking, Ext. Porch	0441104	1.98			16	1.98
Refin. Concrete Exterior Wall, 1st Floor	0415A14	1.97			17	1.97
Replace Pipe or Gutter	0822102	1.73			18	1.73

Post Office - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refin. Wood Frm. (Painted) Oper. Wndw., 2nd Floor	0431324	1.57			19	1.57
M & R Fluorescent Lighting Fixture	1131301	1.54			20	1.54
Refin. Metal Window Grating, 2nd Floor	0434424	1.40			21	1.40
Repl. Pressure Reducer Valve, 2"	09842A[1]	1.30			22	1.30
Repl. Circulation Pump, <1HP	0984413	1.20			23	1.20
Repair Plaster Ceiling	0631102	1.17			24	1.17
Repl. Cast Iron Radiator, 10' Section	0943101	1.16			25	1.16
P.M. Pressure Sensor	09E1161	1.03			26	1.03

Auditorium/Theatre Facility - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Panel Replacement - Metal Roofing	0311367	4.95	1	21.46	5	3.09
Total Roof Replacement - Roll Roofing	0311347	3.65			1	4.06
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	3.62	6	3.78	2	3.60
Refin. Acoustical Tile Interior Wall	0619204	3.06	11	1.68	3	3.22
Minor Roofing Repair - Roll Roofing	0311343	2.89			4	3.22
Refin. Stucco Interior Wall	0611404	2.85	2	9.39	12	2.11
Refinish Plaster Wall	0611104	2.59			6	2.88
Repl. Vinyl Asbestos Tile Floor	062A202	2.54	7	3.60	8	2.42
Replace Carpet	0629102	2.53			7	2.82
Rmvl. & Replacement of Shingles	0311357	2.13			9	2.37
Repl. Switchgear, Indoor, Below 600V	1117103	2.13	5	3.80	15	1.94
Refin. Stucco Exterior Wall, 1st Floor	0415C14	2.12	9	2.32	13	2.10
Repl. Fluorescent Lighting Fixture	1131303	2.07			11	2.24
Replace Deaerator	0981A13	2.04			10	2.27
Minor Repairs - Shingled Roof	0311353	1.82			14	2.03
Repl. Ceramic Tile Wall	0612805	1.75			16	1.89
Refin. Stucco Exterior Wall, 3rd+ Floor	0415C34	1.70	8	3.06	19	1.54
Refin. Steel Interior Wall (Painted)	0616304	1.48			17	1.64

Auditorium/Theatre Facility - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. New Over Existing - Shingles	0311356	1.42			18	1.58
Repl. Transformer, Dry, Below 15,000V	1116203	1.39			21	1.44
P.M. & Insp. Motor Starter, 0 - 600V	1123602	1.35			20	1.50
Refin. Plaster Ceiling	0631104	1.33			22	1.41
Refin. Metal Window Grating, 1st Floor	0434414	1.24			23	1.37
Flashing Repairs - Shingled Roof	0311355	1.08			24	1.20
P.M. Battery, Secondary Wet	1283301		3	6.28		
CK. Wtr. Softener Oper./Add Salt	0841302		4	4.55		
Repl. Single-Zone Draw Thru, 10,000 CFM	09A1C24		10	1.88		
Flashing Repairs - Metal Roofing	0311365		12	1.59		
Repl. Formica Interior Wall	0614105		13	1.23		
Rep. Finished Concrete Interior Wall	061A202		14	1.11		
P.M. Battery, Secondary Dry	1283401				25	1.08
M & R Fluorescent Lighting Fixture	1131301				26	1.03
Repair Plaster Wall	0611102				27	1.01
Refin. Wood Frm. (Dbl. Pane) Oper. Wndw., 3rd+ Flr.	0431834				28	1.01

Bowling Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Vinyl Sheet Flooring	062A402	7.47	1	8.75	4	6.52
Total Roof Replacement - Roll Roofing	0311347	6.99	7	4.21	1	9.05
Rmvl. & Replacement of Shingles	0311357	6.12	2	7.01	5	5.45
Refin. Stucco Exterior Wall, 1st Floor	0415C14	5.40	17	1.83	2	8.05
Minor Roofing Repair - Roll Roofing	0311343	5.16	11	2.45	3	7.17
Minor Repairs - Shingled Roof	0311353	4.81	3	5.00	7	4.67
Repl. New Over Existing - Shingled Roof	0311356	4.04	4	4.60	8	3.63
Repl. Switchgear, Indoor, Below 600V	1117103	3.12	5	4.52	13	2.08
Flashing Repairs - Shingled Roof	0311355	3.09	8	3.54	10	2.75
Refin. Acoustical Tile Interior Wall	0619204	3.09			6	5.20
Replace Wood Parquetry Floor	0625103	2.71	6	4.23	17	1.59
Refinish Stucco Exterior Wall, 2nd Flr.	0415C24	2.56	12	2.12	9	2.89
Replace Ceramic Tile Wall	0612805	2.03	13	2.12	15	1.96
Repl. Fluorescent Lighting Fixture	1131303	2.01	10	2.76	17	1.44
Debris Rmvl. & Vis Insp - Shingled Roof	0311351	1.95	14	1.87	14	2.00
Refin. Wood Frm. (Dbl. Pane) Oper. Wndw., 1st Floor	0431814	1.39			11	2.42
Replace Wood (Finished) Ceiling	0635105	1.37	9	3.22		
Refin. Metal Window Grating, 1st Floor	0434414	1.30			12	2.26

Bowling Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refinish Plaster Wall	0611104	1.12			18	1.54
Repl. Wood Frm. (Dbl. Pane) Oper. Wndw., 1st Floor	0431815	1.09			16	1.90
Repair Hollow Core (Painted) Interior Door	0533112	1.04			20	1.24
Refin. Wood (Finished) Ceiling	0635104		15	1.86		
Refin. Stucco Interior Wall	0611404		16	1.86		
P.M. & Insp. Safety Switch, Enclosed	1122102		18	1.56		
Sand & Refinish Parquetry Floor	0625102		19	1.34		
Refinish Panel (Solid) Wall	0615504		20	1.24		
P.M. Unit Heater, 400 CFM	09A1D12		21	1.15		
M & R Fluorescent Lighting Fixture	1131301		22	1.11		
M & R Contactors and Relays	1124001		23	1.02		
Refinish Plaster Ceiling	0631104				18	1.39
M & R Lightning Prot. System Ground Rod	1143511				19	1.36
Replace Acoustical Tile Wall	0619205				21	1.22
Flashing Repairs - Roll Roofing	0311345				22	1.10

Child Support Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Vinyl Sheet Flooring	062A402	8.70			1	8.70
Replace Carpet	0629102	5.18			2	5.18
Refinish Plaster Wall	0611104	4.76			3	4.76
Total Panel Replacement - Metal Roofing	0311367	4.31			4	4.31
Replace Fluorescent Lighting Fixture	1131303	3.33			5	3.33
Total Roof Replacement - Roll Roofing	0311347	2.71			6	2.71
Repair Alum. Shutter W/Frame, 1st Floor	0433512	2.46			7	2.46
Replace Wall Radiator, Finned, 10' Section	0981H01	2.45			8	2.45
Replace Switchgear, Indoor, Below 600V	1117103	2.35			9	2.35
Minor Roofing Repair - Roll Roofing	0311343	2.15			10	2.15
Replace Ceramic Tile Wall	0612805	2.09			11	2.09
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.83			12	1.83
Repair Plaster Ceiling	0611102	1.66			13	1.66
Refin. Plaster Ceiling	0631104	1.56			14	1.56
M & R Fluorescent Lighting Fixture	1131301	1.53			15	1.53
Rep. Solid Core (Painted) Wood Interior Door	0533212	1.33			16	1.33
Refin. Alum. Shutter W/Frame, 1st Floor	0433514	1.28			17	1.28
Replace Smoke Detector	1221203	1.17			18	1.17

Child Support Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Pressure Reducr Valve, 2"	09842A1	1.13			19	1.13
Repl. Circulation Pump, <1HP	0984413	1.06			20	1.06
Repl. Vinyl Asbestos Tile Flooring	062A202	1.03			21	1.03
Total Roof Replacement - Tile Roofing	0311337	1.02			22	1.02
P.M. Heat/Cool Thermostat	09E1111	1.00			23	1.00
P.M. Pressure Sensor	09E1161	1.00			24	1.00

Commissary - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Panel Replacement - Metal Roofing	0311367	7.12			1	8.50
Repl. Gen. Component, Vapor Gas Powered	1281303	4.54			2	5.43
Refin. Wood Louver in Frame, 3rd Floor	0433134	4.32			3	5.16
Total Roof Replacement - Roll Roofing	0311347	2.75			4	3.28
Repl. Fluorescent Lighting Fixture	1131303	2.73	7	2.50	6	2.77
Refin Stucco Interior Wall	0611404	2.50			5	2.99
Repl. Gen. Component, Gasoline Powered	1281103	2.27			7	2.72
Repl. Diesel Generator Component	1281203	2.25	1	13.82		
Minor Roofing Repair - Roll Roofing	0311343	2.18			8	2.60
Repl. Simplex Air Compressor, 1H.P.	09E1313	2.05			9	2.44
Repl. Wood Frm. (Painted) Oper. Wndw., 3rd + Floor	0431334	1.81	2	4.86	18	1.21
Refin. Stucco Exterior Wall, 3rd+ Floor	0415C34	1.81	4	3.76	15	1.42
Repl. Switchgear, Indoor, Below 600V	1117103	1.76	8	2.28	13	1.66
Refin. Steel Interior Wall (Painted)	0616304	1.64			10	1.95
Rep. Wood Louver in Frame, 3rd Floor	0433132	1.62			11	1.94
Replace Deaerator	0981A13	1.54			12	1.85
Replace Linoleum Flooring	062A102	1.30			14	1.56

Commissary - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Rep. Finished Concrete Interior Wall	061A202	1.25	3	3.86		
Replace Ceramic Tile Wall	0612805	1.24			16	1.36
M & R Fluorescent Lighting Fixture	1131301	1.23	25	1.00	17	1.27
Repl Vinyl Asbestos Tile Flooring	062A202	1.10	18	1.27	21	1.07
Repl. Unfinished Concrete Flooring	062B102	1.06	10	1.57		
Refin. Finished Concrete Interior Wall	061A204	1.06	6	3.33		
Refin. Wood Louver in Frame, 2nd Floor	0433124	1.01			19	1.21
Refin. Wood Frm. (Painted) Fixed Wndw., 3rd + Floor	0432334		5	3.69		
Refin. Finished Concrete Ceiling	063A204		9	1.63		
Total Roof Replacement - Tile Roofing	0311337		11	1.53		
Refin. Stucco Exterior Wall, 2nd Floor	0415C24		12	1.46		
Replace Steel Deck Flooring	0626102		13	1.45		
Replace Wood (Unfinished) Ceiling	0635205		14	1.42		
Refin. Stucco Exterior Wall, 1st Floor	0415C14		15	1.36		
Repl. Wood Frm. (Painted) Fixed Wndw., 3rd+ Floor	0432335		16	1.33		
Refin. Wood Frm. (Painted) Fixed Wndw., 2nd Floor	0432324		17	1.27		
Minor Replacement - Tile Roofing	0311334		19	1.26		

Commissary - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Pressure Reducer Valve, 2"	09842A1		20	1.23		
M & R Lightning Prot. System Grounding Rod	1143511		21	1.10		
Repl. Wood Frame (Pntd.) Oper. Wndw., 3rd+ Floor	0431335		22	1.09		
Refin. Wood Frame (Pntd.) Oper. Wndw., 2nd Floor	0431324		23	1.09		
Check Water Softener Operation/Add Salt	0841302		24	1.02		
Refin. Concrete Block (Pntd.) Interior Wall	0612404				20	1.11

Arts and Crafts Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Roof Replacement - Roll Roofing	0311347	10.54			1	10.54
Minor Roofing Repair - Roll Roofing	0311343	8.34			2	8.34
Refin. Clay Block (Pntd.) Exterior Wall	0612204	6.36			3	6.36
Repl. Fluorescent Lighting Fixture	1131303	6.29			4	6.29
Repl. Switchgear, Indoor, Below 600V	1117103	3.59			5	3.59
Refinish Plaster Wall	0611104	3.14			6	3.14
M & R Fluorescent Lighting Fixture	1131301	2.89			7	2.89
Replace Vinyl Asbestos Tile Flooring	062A202	2.77			8	2.77
P.M. & Insp. Motor Starter, 0-600V	1123602	1.83			9	1.83
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	1.81			10	1.81
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.72			11	1.72
Repl. Circulation Pump, <1 HP	0984413	1.60			12	1.60
Repl. Finned Radiator, Wall, 10' Section	0943301	1.48			13	1.48
Rep. Clay Block (Pntd.) Interior Wall	0612202	1.44			14	1.44
P.M. Pressure Sensor	09E1161	1.38			15	1.38
Rmvl. & Replacement of Shingles	0311357	1.37			16	1.37
Flashing Repairs - Roll Roofing	0311345	1.28			17	1.28
Replace Receptacle and Plug	1127202	1.23			18	1.23

Arts and Crafts Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Receptacle and Plug	1127202	1.23			18	1.23
Minor Repairs - Shingled Roof	0311353	1.17			19	1.17
Repair Plaster Wall	0611102	1.10			20	1.10
Refin. Concrete, Finished Flooring	062B202	1.04			21	1.04

Auto Crafts Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Roof Replacement - Roll Roofing	0311347	11.75	1	15.32	1	10.31
Minor Roofing Repair - Roll Roofing	0311343	8.39	3	8.94	2	8.17
Refin. Stucco Exterior Wall, 1st Floor	0415C14	4.84	14	1.83	4	6.06
Refinish Plaster Wall	0611104	4.58			3	6.42
Refin. Stucco Interior Wall	0611404	3.35	2	11.67		
Repl. Switchgear, Indoor, Below 600V	1117103	3.08	9	2.30	5	3.40
Repl. Fluorescent Lighting Fixture	1131303	2.68	16	1.54	6	3.15
P.M. & Insp. Motor Starter, 0-600V	1123602	2.30			7	3.05
Replace Air Compressor, 1 HP	0831113	2.10	4	4.88		
Replace Variable Volume Unit, 10,000 CFM	09A1524	2.01			8	2.82
Refinish Plaster Ceiling	0631104	1.65			9	2.31
Repair Plaster Wall	0611102	1.60			10	2.24
Flashing Repairs - Roll Roofing	0311345	1.43	12	1.87	15	1.26
P.M. Unit Heater, 1200 CFM	09A1D22	1.43			11	2.00
Refin Stucco Exterior Wall, 2nd Floor	0415C24	1.31	11	1.95	18	1.06
M & R Fluorescent Lighting Fixture	1131301	1.21			12	1.45
Repiace Metal Floor Grating	0626202	1.18	5	4.09		
Replace Ceramic Tile Wall	0612805	1.07	7	2.77		
Replace Vinyl Asbestos Tile Flooring	062A202	1.06			13	1.39

Auto Crafts Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Transformer, Dry, Below 15,000V	1116203		6	3.10		
Repl. Wood (Finished) Ceiling	0635105		8	2.50		
Refin. Wood Fin. (Multi-Coat) Ext. Wall, 2nd Floor	0415F24		10	2.25		
Repl. Single-Zone Draw Thru, 6500 CFM	09A1C14		13	1.84		
P.M. Unit Heater, 400 CFM	09A1D12		15	1.82		
Refin. Wood (Finished) Ceiling	0635104		17	1.45		
Total Panel Replacement - Metal Roofing	0311367		18	1.44		
Refinish Concrete, Finished Floor	062B202		19	1.21		
Repair Air Compressor, 1HP	0831112		20	1.07		
Rmvl. & Replacement of Shingles	0311357				14	1.29
M & R Motor Starter, 0-600V	1123601				16	1.20
Minor Repairs - Shingled Roof	0311353				17	1.11

Continuing Education Facility - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Carpet	0629102	13.54			1	15.53
Repl. Transformer, Liquid Filled, Above 600V	1114103	6.88	1	53.81		
Refinish Plaster Wall	0611104	5.65			2	6.47
Refin. Stucco Interior Wall	0611404	3.37			3	3.86
Refin. Stucco Ext. Wall, 3rd+ Floor	0415C34	3.36			4	3.85
Repl. Fluorescent Lighting Fixture	1131303	2.45			6	2.75
Refinish Plaster Ceiling	0631104	2.44			5	2.80
Total Roof Replacement - Tile Roofing	0311337	2.34			7	2.69
Repl. Vinyl Asbestos Tile Flooring	062A202	2.21			8	2.53
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	2.21			9	2.53
Repair Plaster Wall	0611102	1.97			10	2.26
Repair Hollow Core (Painted) Interior Door	0533112	1.95			11	2.23
Repair Transformer, Liquid Filled, Above 600 V	1114101	1.84	2	14.37		
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.81	7	2.02	14	1.77
Minor Replacement - Tile Roofing	0311334	1.79			12	2.06
Refin. Wood Frm. (Dbl. Pane) Oper. Wndw., 3rd+ Floor	0431834	1.56			13	1.79
Replace Ceramic Tile Wall	0612805	1.42			15	1.63
Repl. Switchgear, Indoor, Below 600 V	1117103	1.29			16	1.48

Continuing Education Facility - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
M & R Lightning Prot. System Grounding Rod	1143511	1.27			17	1.46
Replace Cast Iron Radiator, 10' Section	0943101	1.19			18	1.37
M & R Fluorescent Lighting Fixture	1131301	1.13			19	1.27
Flashing Repair - Tile Roofing	0311335	1.03			20	1.18
Rep. Failed Circuit Breaker, Fixed >600V, 3P	11223C1		3	5.45		
P.M. Safety Switch, Fused	1122432		4	2.98		
Repl. Circuit Breaker, Fixed >600V, 3P	11223C3		5	2.96		
P.M. & Insp. Standard Suspended Heater	1273102		6	2.37		
Refin. Sheetrock (Unstippled) Wall	0611304				21	1.05
Repl. Steel Frm. (Dbl. Pane) Oper. Wndw., 1st Floor	0431715				22	1.04
Replace Hollow Core (Pntd.) Interior Door	0533115				23	1.02

Physical Fitness Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Panel Replacement - Metal Roofing	0311367	3.41	22	1.57	1	3.75
Replace Wood Parquetry Flooring	0625103	3.02	1	4.95	4	2.67
Refinish Steel Interior Wall (Painted)	0616304	2.93			2	3.47
Refinish Aluminum Panel Ceiling (Painted)	0636104	2.73	23	1.25	3	3.00
Refinish Stucco Exterior Wall, 3rd+ Floor	0415C34	2.46	6	3.29	7	2.31
Replace Fluorescent Lighting Fixture	1131303	2.45	20	1.69	5	2.58
Refinish Plaster Wall	0611104	2.37	10	2.88	9	2.28
Membrane Removal & Replacement - BUR	0311107	2.09			6	2.48
Removal & Replacement of Shingles	0311357	1.96	2	4.62	16	1.48
Debris Removal & Visual Inspection - BUR	0311101	1.93			8	2.28
Refinish Stucco Exterior Wall, 2nd Floor	0415C24	1.92	9	2.94	14	1.74
Replace Ceramic Tile Wall	0612805	1.91	16	1.97	12	1.90
Replace Pressure Reducer Valve, 2"	09842A1	1.90			10	2.25
Place New Membrane Over Existing - BUR	0311106	1.77			11	2.10
Replace Switchgear, Indoor, Below 600V	1117103	1.73	25	1.18	13	1.83
Refinish Stucco Exterior Wall, 1st Floor	0415C14	1.70	3	3.63	19	1.35
Minor Repairs - Shingled Roof	0311353	1.58	5	3.29	20	1.26

Physical Fitness Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Carpet	0629102	1.48			15	1.61
Replace Ceramic Tile Shower	0811R06	1.40	4	3.32	25	1.05
Replace Formica Interior Wall	0614105	1.38	13	2.23	22	1.22
Replace New Over Existing - Shingled Roof	0311356	1.30	7	3.03		
Replace Vinyl Asbestos Tile Flooring	062A202	1.18			17	1.39
Minor Membrane Repairs-BUR	0311103	1.17			18	1.38
M & R Fluorescent Lighting Fixture	1131301	1.11			23	1.19
Replace Aluminum Panel Ceiling (Painted)	0636105	1.06			24	1.16
Flashing Repairs - Builtup Roofing	0311105	1.06			21	1.26
Sand & Refinish Parquetry Flooring	0625102	1.01	21	1.58		
Replace Wood (Finished) Ceiling	0635105		8	2.95		
Flashing Repairs - Shingled Roof	0311355		11	2.33		
Refinish Stucco Interior Wall	0611404		12	2.27		
Replace Single-Zone Draw Thru, 25,000 CFM	09A1C34		14	2.21		
Replace Circulation Pump, 5 HP	0984423		15	2.18		
Replace Finned Radiator, Wall, 10' Section	0943301		17	1.96		
Replace Rubber Tile Flooring	062A302		18	1.75		
Refinish Wood (Finished) Ceiling	0635104		19	1.70		
Debris Removal & Inspection - Shingled Roof	0311351		24	1.23		

Physical Fitness Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refinish Steel Frame (Painted) Oper. Window, 3rd+ Floor	0431234		26	1.18		
Refinish Steel Frame (Painted) Fixed Window, 3rd+ Floor	0432234		27	1.18		
M & R Lightning Prot. System, Grounding Rod	1143511		28	1.18		

Transient Housing Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Carpet	0629102	10.67	1	13.71	2	9.67
Refinish Stucco Interior Wall	0611404	10.58			1	14.08
Replace Ceramic Tile Shower	0811R06	6.00	7	2.68	3	7.10
Replace Ceramic Tile Wall	0612805	5.24	2	3.91	4	5.68
Replace Finned Radiator, Wall, 10' Section	0943301	3.90			5	5.19
Replace Wood (Finished) Ceiling	0635105	2.19			6	2.92
Replace Switchgear, Indoor, Below 600 V	1117103	2.00			7	2.36
Refinish Stucco Exterior Wall, 2nd Floor	0415C24	1.97	8	2.47	10	1.81
Replace Ceramic Tile Flooring	0622102	1.92			8	2.29
Repair Solid Core (Painted) Interior Door	0533212	1.43	9	2.01	14	1.24
Repair Hollow Core (Painted) Interior Door	0533112	1.41			9	1.88
Replace Smoke Detector	1221203	1.39	10	1.97	15	1.19
Refinish Wood (Finished) Ceiling	0635104	1.30			11	1.73
Removal & Replacement of Shingles	0311357	1.26	12	1.82	17	1.08
Refinish Alum. Frame Storm Window, 2nd Floor	0434124	1.24			12	1.65
Repair Ceramic Tile Wall	0612802	1.14			13	1.24
Refinish Stucco Exterior Wall, 1st Floor	0415C14	1.14			16	1.19
Repl. Transformer, Dry, Below 15,000 V	1116203	1.08	16	1.30	18	1.01
Minor Repairs - Shingled Roof	0311353	1.02	17	1.30		

Transient Housing Facilities - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repair Finished Concrete Interior Wall	061A202		3	3.86		
Refinish Wood Frame (Painted) Oper. Window, 2nd Floor	0431324		4	3.57		
Refinish Finished Concrete Interior Wall	061A204		5	3.33		
Refinish Plaster Wall	0611104		6	2.78		
Refinish Metal Window Gratings, 1st Floor	0434414		11	1.85		
Repl. Fluorescent Lighting Fixture	1131303		13	1.79		
Replace Wood (Unfinished) Ceiling	0635205		14	1.70		
Refin. Stucco Ext. Wall, 3rd+ Floor	0415C34		15	1.32		
Repl. New Over Existing - Shingled Roof	0311356		18	1.19		
Replace Solid Core (Pntd.) Interior Door	0533215		19	1.17		
Replace Steel Louvers with Frame, 2nd Floor	0433324		20	1.14		
Replace Wood Frame (Pntd.) Oper. Window, 2nd Floor	0431325		21	1.09		
Check Operation, Smoke Detector	1221202		22	1.06		
Refinish Steel Frame (Pntd.) Oper. Window, 3rd+ Floor	0431234		23	1.02		
Refinish (Finished) Concrete Ceiling	063A204		24	1.01		
Replace Switchgear, Indoor, 0-600V	1115103		25	1.01		

Library Facility - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Vinyl Asbestos Tile Flooring	062A202	19.96			1	19.96
Refin. Steel Frame (Painted) Oper. Wndw., 2nd Floor	0431224	5.62			2	5.62
Refinish Sheetrock (Unstippled) Ceiling	0631304	4.72			3	4.72
Refin. Steel Frame (Painted) Fixed Window, 2nd Floor	0432224	4.69			4	4.69
Removal & Replacement of Shingles	0311357	4.55			5	4.55
Refinish Clay Block (Painted) Interior Wall	0612204	3.96			6	3.96
Replace Fluorescent Lighting Fixture	1131303	3.93			7	3.93
Minor Repairs - Shingled Roof	0311353	3.90			8	3.90
Replace New Over Existing - Shingled Roof	0311356	3.03			9	3.03
Flashing Repairs - Shingled Roof	0311355	2.30			10	2.30
M & R Fluorescent Lighting Fixture	1131301	1.81			11	1.81
Debris Removal & Visual Inspection - Shingled Roof	0311351	1.67			12	1.67
Refinish (Finished) Concrete Ceiling	063A204	1.51			13	1.51
Replace Switchgear, Indoor, Below 600 V	1117103	1.50			14	1.50
P. M. & Inspect Motor Starter, 0-600 V	1123602	1.49			15	1.49
P.M. Single-Zone Draw Thru, 1000 CFM	09A1C52	1.44			16	1.44
Repl. Switchgear, Indoor, 0-600V	1115103	1.43			17	1.43

Library Facility - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Steel Frame (Painted) Fixed Window, 2nd Floor	0431225	1.39			18	1.39
Replace Pipe or Gutter	0822102	1.13			19	1.13
Replace Finished Concrete Ceiling	063A202	1.09			20	1.09
Replace Single-Zone Draw Thru, 1000 CFM	09A1C54	1.06			21	1.06
Refinish Plywood (Painted) Interior Wall	0615104	1.01			22	1.01

Consolidated Open Dining Facility - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Carpet	0629102	10.62	1	5.04	1	12.59
Replace Switchgear, Indoor, Below 600V	1117103	4.12	3	3.43	2	4.37
Refinish Plaster Wall	0611104	2.97			3	3.86
Replace Ceramic Tile Wall	0612805	2.85	6	2.86	4	2.85
Replace Finned Radiator, Wall, 10' Section	0943301	2.14	2	4.12	11	1.44
Repl. Fluorescent Lighting Fixture	1131303	1.93	13	1.66	6	2.03
P.M. & Insp. Motor Starter, 0 - 600V	1123602	1.74	7	2.59	12	1.43
Refin. Wood Frame (Painted) Oper. Wndw., 2nd Floor	0431324	1.68			5	2.20
Refin. Stucco Interior Wall	0611404	1.63	5	3.16	19	1.08
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	1.59			7	1.81
Rep. Hollow Core (Painted) Interior Door	0533112	1.56	15	1.41	9	1.61
Rmvl. & Replacement of Shingles	0311357	1.50	8	2.59	18	1.12
Refinish Plaster Ceiling	0631104	1.43			8	1.73
Minor Repairs - Shingled Roof	0311353	1.19	11	1.84		
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.17	23	1.21	16	1.16
Refin. Stucco Ext. Wall, 3rd+ Floor	0415C34	1.16			10	1.56
Repl. Ceramic Tile Flooring	0622102	1.14	26	1.11	15	1.16
M & R Contactors & Relays	1124001	1.06	10	1.93		
Repl. Carpeted Interior Wall	0614805	1.05	4	3.23		
Repair Plaster Wall	0611102	1.04			13	1.35

Consolidated Open Dining Facility - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
P.M. Battery, Secondary Dry	1283401		9	1.98		
Repl. New Over Existing - Shingled Roof	0311356		12	1.70		
Repl. Rubber Tile Flooring	062A302		14	1.54		
Rep. Finished Concrete Interior Wall	061A202		16	1.35		
Repl. Contactors and Relays	1124003		17	1.34		
Flashing Repairs - Shingled Roof	0311355		18	1.31		
Refin. Wood, Finished (Single Coat) Ext. Wall, 1st Floor	0415E14		19	1.30		
Replace Wallpaper	0614505		20	1.25		
P.M. & Insp. Safety Switch, Enclosed	1122102		21	1.24		
M & R Motor Starter, 0 - 600V	1123601		22	1.23		
Replace Switchgear, Indoor, 0 - 600V	1115103		24	1.17		
Refin. Finished Concrete Interior Wall	061A204		25	1.16		
Replace Marble Floor	0622402		27	1.09		
Refin. Wood, Finished (Single Coat) Ext. Wall, 2nd Floor	0415E24		28	1.02		
Total Panel Replacement - Metal Roofing	0311367				14	1.28
Total Roof Replacement - Roll Roofing	0311347				17	1.15
Repl. Vinyl Asbestos Tile Flooring	062A202				20	1.03

Exchange Auto Service Station - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Switchgear, Indoor, 0 - 600V	1115103	20.09	1	20.09		
P.M. & Insp. Safety Switch, Enclosed	1122102	9.24	2	9.24		
Refin. Stucco Exterior Wall, 1st Floor	0415C14	7.02	3	7.02		
P.M. & Insp. Motor Starter, 0-600V	1123602	3.04	4	3.04		
Repl. Hot Water Heater, Electric, 52 Gallons	0814L03	3.01	5	3.01		
Refin. Metal Wire Mesh Window Cover, 1st Floor	0434514	2.81	6	2.81		
Repl. Vinyl Asbestos Tile Flooring	062A202	2.77	7	2.77		
Refin. Plywood (Painted) Interior Wall	0615104	2.69	8	2.69		
P.M. Cleaning - Exhaust Fan, 200 CFM	09C1112	2.22	9	2.22		
Refin. Concrete Decking, Exterior Porch	0441104	2.21	10	2.21		
Replace Exhaust Fan, 200 CFM	09C1113	2.03	11	2.03		
Membrane Rmvl. & Replacement - BUR	0311107	1.96	12	1.96		
Replace Switchgear, Indoor, 0 - 600V	1115101	1.91	13	1.91		
Place New Membrane Over Existing - BUR	0311106	1.73	14	1.73		
Repl. Fluorescent Lighting Fixture	1131303	1.68	15	1.68		
M & R Motor Starter, 0 - 600V	1123601	1.47	16	1.47		
Rep. Alum. (P/A) Exterior Door	0421112	1.40	17	1.40		

Exchange Auto Service Station - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Rep. Alum. (Safety Glass) Exterior Door	0421122	1.40	18	1.40		
Debris Rmvl. & Visual Insp.- BUR	0311101	1.33	19	1.33		
Repl. Safety Switch, Enclosed	1122103	1.30	20	1.30		
Rep. Solid Core Wood (Painted) Interior Door	0533212	1.26	21	1.26		
Repl. Wood (Finished) Ceiling	0635105	1.18	22	1.18		
Repl. Switchgear, Indoor, Below 600V	1117103	1.11	23	1.11		
Flashing Repairs - BUR	0311105	1.04	24	1.04		
Rep. Concrete Decking, Exterior Porch	0441102	1.03	25	1.03		

Community Retail Store - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Panel Replacement - Metal Roofing	0311367	9.83	6	2.88	1	11.14
Replace Carpet	0629102	6.32	1	7.11	2	6.17
Repl. Fluorescent Lighting Fixture	1131303	4.39	2	5.52	3	4.18
Repl. Switchgear, Indoor, Below 600V	1117103	2.50	5	3.03	6	2.40
Repl. Forced Draft Fan, 10,000 CFM	09B2113	2.36			4	2.80
P.M. Battery, Secondary Wet	1283301	2.06			5	2.45
M. & R. Fluorescent Lighting Fixture	1131301	1.97	11	2.22	9	1.92
P.M. Forced Draft Fan, 10,000 CFM	09B2112	1.87			7	2.22
Repl. Quarry Tile Flooring	0622202	1.80			8	2.11
Repl. Linoleum Flooring	062A102	1.58			10	1.88
Repl. Metal Floor Grating	0626202	1.50			11	1.78
Repl. Ceramic Tile Wall	0612805	1.45	16	1.80	12	1.38
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.32	18	1.61	15	1.26
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	1.29	17	1.65	17	1.22
Refinish Plaster Wall	0611104	1.27	20	1.40	16	1.25
Repl. Vinyl Asbestos Tile Flooring	062A202	1.19	8	2.66		
P.M. & Insp. Motor Starter, 0-600V	1123602	1.19			14	1.29
Total Roof Replacement - Roof Roofing	0311347	1.14			13	1.36

Community Retail Store - Cost by Task

Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Finned Radiator, Wall 10' Section	0943301	1.08	15	2.05		
Rmvl. & Replacement of Shingles	0311357	1.03	3	4.32		
Minor Repairs - Shingled Roof	0311353		4	3.08		
Repl. New Over Existing - Shingled Roof	0311356		7	2.84		
Rep. Finished Concrete Interior Wall	061A202		9	2.49		
Repl. Vinyl Sheet Flooring	062A402		10	2.33		
Flashing Repairs - Shingled Roof	0311355		12	2.18		
Refin. Finished Concrete Interior Wall	061A204		13	2.15		
Rep. Alum. Louvers in Frame, 1st Floor	0433212		14	2.09		
Refin. Metal Window Gratings - 1st Floor	0434414		19	1.43		
Repl. Multi-Zone Unit, 10,000 CFM	09A1124		21	1.32		
Debris Rmvl. & Insp. - Shingled Roof	0311351		22	1.15		
Refin. Steel Interior Wall (Painted)	0616304		23	1.10		
Replace Pipe or Gutter	0822102		24	1.06		
Minor Roofing Repair - Roll Roofing	0311343				18	1.07

Restaurant/Cafeteria - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Ceramic Tile Wall	0612805	4.10	6	2.88	3	5.79
Repl. Fluorescent Lighting Fixture	1131303	3.28	2	3.29	8	3.26
Repl. Switchgear, Indoor, Below 600V	1117103	3.28	3	3.24	7	3.34
P.M. Battery, Secondary Wet	1283301	3.09			1	7.39
Repl. Quarry Tile Flooring	0622202	2.98			2	6.62
P.M. & Insp. Motor Starter, 0 - 600V	1123602	2.36	1	3.44		
Total Roof Replacement - Roll Roofing	0311347	2.30			4	4.71
Repl. Finned Radiator, Wall, 10' Section	0943301	2.10	10	2.14	9	2.03
Refin. Stucco Exterior Wall, 1st Floor	0415C14	2.06			6	3.57
Replace Carpet	0629102	2.03	4	2.96		
Rmvl. & Replacement of Shingles	0311357	2.02	7	2.29	11	1.64
Minor Roofing Repair - Roll Roofing	0311343	1.75			5	3.73
Repl. Dual Duct Unit - 6500 CFM	09A1214	1.70	5	2.93		
Minor Repairs - Shingled Roof	0311353	1.54	14	1.63	13	1.40
Repl. Ceramic Tile Flooring	0622102	1.49	13	1.71	18	1.18
Refinish Plaster Wall	0611104	1.49	19	1.37	10	1.66
Refin. Stucco Exterior Wall, 2nd Flr.	0415C24	1.46	9	2.21		
Repl. Carpeted Interior Wall	0614805	1.43	17	1.59	17	1.21
M & R Fluorescent Lighting Fixture	1131301	1.40	20	1.32	12	1.50

Restaurant/Cafeteria - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Rep. Finished Concrete Wall	061A202	1.34	8	2.27		
Repl. New Over Existing - Shingled Roof	0311356	1.33	18	1.51	20	1.09
Refin. Finished Concrete Wall	061A204	1.16	11	1.96		
M & R Motor Starter, 0 - 600V	1123601	1.09	16	1.63		
M & R Contractors and Relays	1124001	1.08	25	1.07	21	1.08
Flashing Repairs - Shingled Roof	0311355	1.02	23	1.16		
Refin. Stucco Exterior Wall, 3rd+ Flr.	0415C34	1.00	12	1.72		
Refin. Stucco Interior Wall	0611404		15	1.63		
Membrane Rmvl. & Replacement - BUR	0311107		21	1.31		
Chk. Wtr. Softener Oper./Add Salt	0841302		22	1.27		
Place New Membrane Over Existing - BUR	0311106		24	1.16		
Repl. Motor Starter, 0 - 600V	1123603		26	1.00		
Refin. Metal Window Gratings, 1st Floor	0434414				14	1.32
Repair Ceramic Tile Wall	0612802				15	1.27
Refin. Wood Frm. (Pntd.) Oper. Wndw., 2nd Flr.	0431324				16	1.25
Refin. Plywood (Painted) Interior Wall	0615104				19	1.17
Repl. Switchgear, Indoor, 0 - 600V	1115103				22	1.05
Repl. Refrig. Fan Coil Unit, 1 Ton	0991F13				23	1.02
Repl. Pipe or Gutter	0822102				24	1.01

Youth Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refinish Plaster Wall	0611104	21.18	1	25.14	4	3.92
Repair Plaster Wall	0611102	7.35	2	8.72	24	1.37
Repl. Vinyl Sheet Flooring	062A402	6.71	3	8.24		
Repl. Finned Radiator, Wall, 10' Section	0943301	3.80	4	4.67		
Refin. Fiberglass Panel Interior Wall	0619504	3.68	5	4.53		
Repl. Ceramic Tile Wall	0612805	2.60	6	2.60	12	2.61
Rmvl. & Replacement of Shingles	0311357	2.50	9	2.05	3	4.46
Repl. Pressure Reducer Valve 2"	09842A1	2.27	10	1.91	5	3.85
Refin. Repaired Plaster Wall	0611103	2.10	7	2.49		
Minor Repairs - Shingled Roof	0311353	1.90	12	1.46	6	3.82
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	1.83	11	1.85	16	1.77
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.82			2	5.85
Replace Carpet	0629102	1.82	8	2.23		
Repl. Fluorescent Lighting Fixture	1131303	1.77	15	1.34	8	3.66
Repl. New Over Existing - Shingled Roof	0311356	1.65	14	1.35	11	2.97
Repl. Switchgear, Indoor, Below 600V	1117103	1.42			9	3.46
Flashing Repairs - Shingled Roof	0311355	1.26	19	1.04	13	2.26
Repl. Vinyl Asbestos Tile Flooring	062A202	1.22			1	6.51
Rep. Unfinished Concrete Interior Wall	061A102	1.10	13	1.35		
Refinish Plaster Ceiling	0631104	1.08	16	1.32		

Youth Center - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Fiberglass Panel Interior Wall	0619505	1.06	17	1.30		
Refin. Wood Frm. (Dbl. Pane) Oper. Wndw., 2nd Floor	0431824		18	1.09		
Rep. Hollow Core (Painted) Interior Door	0533112				7	3.80
Refin. Metal Window Gratings, 1st Floor	0434414				10	3.10
P.M. Heat/Cool Thermostat	09E1111				14	2.24
Repl. Cast Iron Radiator, 10' Section	0943101				15	2.08
Repl. Circulation Pump, <1 HP	0984413				17	1.74
Repl. Hollow Core (Painted) Interior Door	0533115				18	1.71
M & R Fluorescent Lighting Fixture	1131301				19	1.68
Debris Rmvl. & Insp., - Shingled Roof	0311351				20	1.64
Refin. Wood, Finished (Single Coat) Ext. Wall, 1st Floor	0415E14				21	1.60
P.M. Pressure Sensor	09E1161				22	1.49
Refin. Hollow Core (Painted) Interior Door	0533114				23	1.38
Repl. Alum. Dbl. Pane Oper. Wndw., 1st Floor	0431615				25	1.29
Replace Pipe or Gutter	0822102				26	1.26

Recreation Building - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
P.M. Battery, Primary Wet	1283101	6.10	1	18.56		
Replace Carpet	0629102	4.59	2	9.40	9	2.24
Refinish Plaster Wall	0611104	2.83	4	2.80	6	2.85
Total Roof Replacement - Roll Roofing	0311347	2.63			1	3.92
Repl. Fluorescent Lighting Fixture	1131303	2.50	9	1.76	5	2.87
Replace Deaerator	0981A13	2.39			2	3.56
Repl. Switchgear, Indoor, Below 600V	1117103	2.27	5	2.35	10	2.24
Repl. Vinyl Asbestos Tile Flooring	062A202	2.26	19	1.02	4	2.87
Minor Roofing Repair - Roll Roofing	0311343	2.08			3	3.10
Repl. Ceramic Tile Wall	0612805	1.94	15	1.24	8	2.28
Refin. Wood Frame (Pntd.) Oper. Wndw., 3rd+ Floor	0431334	1.72			7	2.56
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	1.59	13	1.34	14	1.72
Rep. Finished Concrete Interior Wall	061A202	1.59	7	2.02	18	1.38
Refinish Plaster Ceiling	0631104	1.55	12	1.51	16	1.56
Repl. Finned Radiator, Wall, 10' Section	0943301	1.52	3	3.65		
Refin. Wood Frame (Painted) Oper. Window, 2nd Floor	0431324	1.47			13	1.75
Repl. Chiller, 2 Stage Absorber, 300 Tons	0991A13	1.41			11	2.10
Refin. Stucco Exterior Wall, 3rd+ Floor	0415C34	1.41			12	1.94

Recreation Building - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refin. Stucco Exterior Wall, 1st Floor	0415C14	1.37			17	1.56
Refin. Finished Concrete Interior Wall	061A204	1.34	10	1.74	23	1.14
P.M. Battery, Secondary Dry	1283401	1.15			15	1.71
M & R Fluorescent Lighting Fixture	1131301	1.12			19	1.32
Repl. Pipe or Gutter	0822102	1.03	8	1.91		
Total Roof Replacement - Tile Roof	0311337		6	2.03		
Minor Replacement - Tile Roof	0311334		11	1.67		
Repl. Water Heater, Electric, 1000 Gallon	0814J03		14	1.26		
Rep. Wood Shutter W/Frame, 1st Floor	0433412		16	1.23		
Repl. Battery, Primary Wet	1283102		17	1.22		
Replace Marble Floor	0622402		18	1.10		
Refin. Wood Shutter W/Frame, 1st Floor	0433414		20	1.00		
Repl. Rubber Tile Flooring	062A302				20	1.23
Repl. Vinyl Sheet Flooring	062A402				21	1.19
Refin. Metal Window Gratings, 1st Floor	0434414				22	1.15
Repl. Quarry Tile Floor	0622202				24	1.05
P.M. Deaerator	0981A12				25	1.02

Electric Power Source - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Generator Comp., Gasoline Powered	1281103	35.02	1	35.02		
Repl. Diesel Generator Component	1281203	34.99	2	34.99		
Rep. Steel Louvers In Frame, 1st Floor	0433312	2.99	3	2.99		
Refin. Steel Louvers In Frame, 1st Floor	0433314	2.78	4	2.78		
Repl. Transformer, Liquid Filled, Above 600V	1114103	2.13	5	2.13		
Rep. Circuit Breaker, Fixed, >600V	11223C1	1.92	6	1.92		
Total Roof Replacement - Roll Roofing	0311347	1.44	7	1.44		
Repl. Circuit Breaker, Fixed, >600V	11223C3	1.05	8	1.05		
P.M. & Insp. Motor Starter, 0 - 600V	1123602	1.02	9	1.02		

Electric Power SubStations - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Transformer, Liquid Filled, Above 600V	1114103	37.00	1	37.00		
Rep. Transformer, Liquid Filled, Above 600V	1114101	10.34	2	10.34		
Rep. Circuit Breaker, Fixed, 600V, 3P	11223C1	5.96	3	5.96		
Rep. Steel Louvers With Frame, 1st Floor	0433312	3.59	4	3.59		
Refin. Steel Louvers With Frame, 1st Floor	0433314	3.34	5	3.34		
Repl. Circuit Breaker, Fixed, 600V, 3P	11223C3	3.25	6	3.25		
P.M. Safety Switch, Fused, 3P	1122432	3.17	7	3.17		
P.M. & Insp. Standard Suspended Heater	1273102	2.47	8	2.47		
Refin. Stucco Exterior Wall, 1st Floor	0415C14	2.37	9	2.37		
P.M. Heat/Cool Thermostat	09E1111	1.56	10	1.56		
Repl. Standard Suspended Heater	1273103	1.41	11	1.41		
Repl. Pipe or Gutter	0822102	1.40	12	1.40		
M & R Standard Suspended Heater	1273101	1.26	13	1.26		
P.M. Battery, Secondary Dry	1283401	1.08	14	1.08		
Rep. Unfinished Concrete Interior Wall	061A102	1.05	15	1.05		
Repl. Switchgear, Indoor, 0 - 600V	1115103	1.02	16	1.02		
Repl. Safety Switch, Fused, 3P	1122433	1.01	17	1.01		

Heat Source - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Total Roof Replacement - Roll Roofing	0311347	6.47			1	6.76
Minor Roofing Repair - Roll Roofing	0311343	5.12			2	5.35
P.M. & Insp. Motor Starter, 0-600V	1123602	3.56			3	3.72
Replace Deaerator	0981A13	3.39			4	3.55
Repl. Metal Floor Grating	0626202	3.12			5	3.26
P.M. Pressure Sensor	09E1161	2.47			6	2.58
P.M. Feedwater Supply	0981912	2.04			7	2.13
Install New Non-Drain Valve, 4" - 6"	0814502	2.00			8	2.08
Repl. Fluorescent Lighting Fixture	1131303	1.91	14	1.36	9	1.94
Repl. Pressure Reducer Valve	09842A1	1.76			10	1.84
P.M. Weekly - Pneumatic Coal Spreader	0981513	1.60			11	1.67
Repl. Switchgear, Indoor, Below 600V	1117103	1.47			12	1.54
Rep. Feedwater Supply Pump	0981911	1.44			13	1.51
Repack Gland, Non-Drain Valve 4" - 6"	0814501	1.42			14	1.48
M & R Motor Starter, 0-600V	1123601	1.41			15	1.47
Replace Quarry Tile Floor	0622202	1.40			16	1.46
Refinish Plaster Wall	0611104	1.37			18	1.42
P.M. Daily, Pneumatic Coal Spreader	0981512	1.37			17	1.43
P.M. Battery, Secondary Wet	1283301	1.29	1	30.25		

Heat Source - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Replace Pneumatic Coal Spreader	0981516	1.22			19	1.28
Total Panel Replacement - Metal Roofing	0311367	1.18			20	1.24
Replace Feedwater Supply Pump	0981913	1.15			21	1.20
Install New Non-Drain Valve, 2" - 3"	0814402	1.12			22	1.17
Repl. Ceramic Tile Wall	0612805	1.07	15	1.22	23	1.07
Refin. Stucco Ext. Wall, 2nd Floor	0415C24	1.04	5	4.73		
Check Operation & Add Salt - Water Softener	0841302	1.00			24	1.04
Refin. Stucco Interior Wall	0611404		2	10.64		
Rep. Alum. Louvers In Frame, 1st Floor	0433212		3	7.62		
Repl. Transformer, Dry, Below 15,000V	1116203		4	5.37		
Refin Alum. Louvers In Frame, 1st Floor	0433214		6	3.38		
Repl. Battery, Secondary Wet	1283302		7	2.97		
Repl. Alum. Louvers In Frame, 1st Floor	0433215		8	2.36		
Repl. Gate Valve, 2"-3"	0984222		9	2.24		
Refin. Stucco Exterior Wall, 1st Floor	0415C14		10	2.19		
M & R Lightning Prot. Sys., Grounding Rod	1143511		11	1.57		
Repl. Switchgear, Indoor, 0 - 600V	1115103		12	1.44		
P.M. Safety Switch, Fused, 3P	1122432		13	1.43		

Heat Source - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
M & R, Repack Drain Valve Gland	0984281		16	1.05		

Heat Transmission/Distribution Lines - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Install New HW Valve, Non-Drain, 4" - 6"	0814502	6.72			1	6.72
Repl. Circulation Pump, 5HP	0984423	4.57			2	5.47
Repack Gland - HW Valve, Non-Drain, 4" - 6"	0814501	4.70			3	4.70
P.M. Feedwater Supply	0981912	4.70			4	4.70
P.M. Pressure Sensor	09E1161	4.58			5	4.58
Repl. Pressure Reducer Valve 2"	09842A1	4.20			6	4.20
Refinish Plaster Wall	0611104	3.56			7	3.56
P.M. Heat/Cool Thermostat	09E1111	3.48			8	3.48
Clean Water Softener Oper./Add Salt	0841302	3.46			9	3.46
Total Roof Replacement - Roll Roofing	0311347	3.43			10	3.43
P.M. & Insp. Motor Starter, 0-600V	1123602	3.34			11	3.34
Rep. Feedwater Supply Pump	0981911	3.26			12	3.26
Minor Roofing Repair - Roll Roofing	0311343	2.71			13	2.71
Repl. Feedwater Supply Pump	0981913	2.64			14	2.64
Repl. Circulation Pump, <1 HP	0984413	2.58			15	2.58
Refin. Stucco Exterior Wall, 1st Floor	0415C14	2.05			16	2.05
Repl. Steam Converter, <300,000	0941103	1.96			17	1.96
Install New HW Valve, Non-Drain, 2" - 3"	0814402	1.68			18	1.68
Rep. Steam Converter, <300,000	0941101	1.52			19	1.52
Replace Ceramic Tile Wall	0612805	1.38			20	1.38

Heat Transmission/Distribution Lines - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
M & R Motor Starter, 0 - 600V	1123601	1.32			21	1.32
Repair Plaster Wall	0611102	1.24			22	1.24
Repl. Pneumatic Thermostat	09E1112	1.18			23	1.18
Replace Fluorescent Lighting Fixture	1131303	1.00			24	1.00

Water Supply - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Refin. Stucco Ext. Wall, 1st Floor	0415C14	14.21			1	14.21
Refin. Stucco Interior Wall	0611404	11.81			2	11.81
Total Roof Replacement - Roll Roofing	0311347	8.46			3	8.46
Minor Roofing Repair - Roll Roofing	0311343	6.70			4	6.70
Rep. Finished Concrete Interior Wall	061A202	5.50			5	5.50
Rep. Steel (Painted) Exterior Door	0421212	4.60			6	4.60
Refin. Finished Concrete Interior Wall	061A204	4.57			7	4.57
Rep. Steel (Unpainted) Exterior Door	0421312	3.41			8	3.41
Refinish Plaster Wall	0611104	3.37			9	3.37
Refinish Stucco Ceiling	0631404	2.49			10	2.49
Repl. Fluorescent Lighting Fixture	1131303	2.32			11	2.32
Debris Rmvl. & Insp., Concrete, Sealed PIP Roofing	0311421	2.19			12	2.19
Refin. Steel (Painted) Exterior Door	0421214	1.85			13	1.85
Repl. Glass Block Oper. Wndw., 1st Floor	0431515	1.80			14	1.80
Refin. Steel Frm. (Pntd.) Fixed Wndw., 1st Floor	0432214	1.53			15	1.53
Repl. Steel Frm. (Pntd.) Fixed Wndw., 1st Floor	0432215	1.31			16	1.31
Refinish Plaster Ceiling	0631104	1.29			17	1.29
Repair Plaster Wall	0611102	1.18			18	1.18

Water Supply - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Unfinished Concrete Floor	062B102	1.16			19	1.16
Repl. Glass Block Oper. Wndw., 1st Floor	0432515	1.11			20	1.11
M & R Fluorescent Lighting Fixture	1131301	1.09			21	1.09
Rep. Stucco Exterior Wall, 1st Floor	0415C12	1.08			22	1.08
Flashing Repairs - Roll Roofing	0311345	1.03			23	1.03

Water Distribution System - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Repl. Transformer, Liquid Filled, Above 600 V	1114103	10.14	1	11.59		
Total Roof Replacement - Roll Roofing	0311347	6.65	2	5.97	3	11.44
Total Roof Replacement - Metal Roofing	0311367	4.82	3	5.51		
Minor Roofing Repair - Roll Roofing	0311343	4.18	7	3.48	4	9.06
Rep. Finished Concrete Interior Wall	061A202	3.86	4	4.41		
Refin. Finished Concrete Interior Wall	061A204	3.33	5	3.81		
Refin. Wood Shutter W/Frame, 1st Floor	0433414	3.12			1	24.86
Refin. Stucco Interior Wall	0611404	3.06	6	3.50		
Refin. Stucco Exterior Wall, 1st Floor	0415C14	3.05	11	2.55	5	6.55
P.M. & Insp. Baseboard Heaters	1271002	2.87	8	3.28		
Rep. Wood Shutter W/Frame, 1st Floor	0433412	2.75			2	21.92
Rep. Transformer, Liquid Filled, Above 600 V	1114101	2.58	9	2.95		
Refin. Stucco Exterior Wall, 3rd+ Floor	0415C34	2.32	10	2.65		
Refin. Stucco Exterior Wall, 2nd Floor	0415C24	2.24	13	2.35	9	1.51
Repl. Switchgear, Indoor, Below 600V	1117103	2.09	12	2.39		
Rep. Alum. Louver In Frame, 1st Floor	0433212	2.00	14	2.28		

Water Distribution System - Cost by Task						
Task Description	CACES ID No.	% of Total	Wildflecken		Hanau	
			Rank	% of Total	Rank	% of Total
Rep. Steel (Painted) Exterior Door	0421212	1.87	15	1.97		
Repl. Service Cable - Overhead Feeder	1112003	1.64	16	1.87		
P.M. & Insp. Safety Switch, Enclosed	1122102	1.60	17	1.83		
Repl. Fluorescent Lighting Fixture	1131303	1.15	18	1.31		
Repl. Baseboard Heater	1271003	1.11	19	1.27		
Repl. Rubber Tile Flooring	062A302	1.04	20	1.18		
P.M. Pressure Sensor	09E1161	1.02	21	1.16		
M & R Contactors and Relays	1124001		22	1.02		
Refin. Alum. Louvers In Frame, 1st Floor	0433214		23	1.01		
P.M. Battery, Primary Dry	1283201		24	1.00		
Repl. Wood Shutter, W/Frame, 1st Floor	0433415				6	3.25
Refinish Plaster Wall	0611104				7	2.36
Repl. Wood (Unfinished) Ceiling	0635205				8	2.17
Flashing Repairs - Roll Roofing	0311345				10	1.40

APPENDIX O: Statistical Analysis Data

EVALUATION

OCONUS USE OF THE
MAINTENANCE RESOURCE PREDICTION MODEL (MRPM)

MRPM AVERAGE LIFE CYCLE COST AND LABOR USE FACTORS

1. This annex provides average maintenance cost and labor use factors, per square foot of building, for major functional use classifications, over an assumed 80 year life cycle. These cost and labor hour estimates are statistically derived from an MRPM analysis of representative buildings evaluated at four OCONUS installations. Geibelstadt, Kitzingen, Wertheim and Wuerzburg.

2. Cost factors are arrayed from 1 to 80 years in three columns for each type of construction. The columns show the average (weighted mean) cost, the standard deviation for the distribution of costs that produced the average, and the value of the 90% confidence limits associated with the average cost.

3. Functional use classifications are the facility category group classifications, based on current use, developed for use in the Real Property Planning and Analysis System (RPLANS). Three separate pages are shown for each facility category group; Annual Required Maintenance (ARM), Major Component Replacement (MCR), and Total Maintenance which is the sum of ARM plus MCR.

4. Average cost factors are in Washington base dollars. To determine the cost at a particular installation they should be adjusted by the area cost factors, listed in PAX Newsletter 20, to account for variances in regional price indices.

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.22	0.03	0.00	0.01	0.00	0.00	0.01	0.00	0.00
2	0.51	0.10	0.00	0.03	0.01	0.01	0.03	0.01	0.01
3	0.57	0.11	0.00	0.03	0.01	0.01	0.03	0.01	0.01
4	0.57	0.10	0.00	0.03	0.01	0.01	0.03	0.01	0.01
5	0.64	0.11	0.00	0.03	0.01	0.01	0.03	0.01	0.01
6	0.75	0.16	0.00	0.03	0.01	0.01	0.03	0.01	0.01
7	0.74	0.16	0.00	0.04	0.01	0.01	0.03	0.01	0.01
8	0.82	0.56	0.00	0.04	0.01	0.02	0.03	0.01	0.02
9	2.03	0.48	0.00	0.06	0.01	0.02	0.05	0.01	0.02
10	0.89	0.39	0.00	0.04	0.00	0.01	0.03	0.00	0.00
11	1.09	0.26	0.00	0.04	0.01	0.01	0.04	0.01	0.01
12	1.09	0.24	0.00	0.04	0.01	0.01	0.03	0.01	0.01
13	0.86	0.00	0.00	0.03	0.00	0.01	0.03	0.01	0.01
14	1.67	0.41	0.00	0.06	0.01	0.02	0.04	0.01	0.02
15	0.79	0.17	0.00	0.04	0.01	0.01	0.03	0.01	0.01
16	3.04	0.00	0.00	0.16	0.02	0.03	0.15	0.02	0.03
17	3.37	0.86	0.00	0.07	0.02	0.03	0.06	0.01	0.02
18	0.77	0.01	0.00	0.03	0.01	0.01	0.03	0.01	0.01
19	1.32	0.32	0.00	0.04	0.01	0.02	0.04	0.01	0.02
20	2.30	0.03	0.00	0.07	0.01	0.01	0.07	0.01	0.02
21	1.00	0.23	0.00	0.04	0.01	0.01	0.04	0.01	0.01
22	0.75	0.17	0.00	0.03	0.01	0.01	0.03	0.01	0.01
23	0.78	0.16	0.00	0.03	0.01	0.01	0.03	0.01	0.01
24	1.12	0.48	0.00	0.04	0.01	0.02	0.04	0.01	0.02
25	2.38	0.23	0.00	0.07	0.00	0.01	0.06	0.01	0.01
26	1.01	0.09	0.00	0.04	0.01	0.02	0.04	0.01	0.02
27	1.82	0.28	0.00	0.04	0.01	0.01	0.04	0.01	0.01
28	2.06	0.50	0.00	0.06	0.01	0.02	0.04	0.01	0.02
29	1.62	0.39	0.00	0.05	0.01	0.02	0.04	0.01	0.01
30	8.62	1.68	0.00	0.21	0.04	0.07	0.12	0.03	0.04
31	4.79	0.48	0.00	0.17	0.02	0.04	0.17	0.02	0.04
32	0.90	0.03	0.00	0.03	0.00	0.01	0.03	0.00	0.01
33	3.44	0.88	0.00	0.07	0.02	0.03	0.05	0.01	0.02
34	0.78	0.15	0.00	0.03	0.01	0.01	0.03	0.01	0.01
35	1.23	0.28	0.00	0.04	0.01	0.01	0.04	0.01	0.01
36	1.01	0.23	0.00	0.03	0.01	0.01	0.03	0.01	0.01
37	1.38	0.33	0.00	0.04	0.01	0.02	0.04	0.01	0.02
38	0.87	0.18	0.00	0.03	0.01	0.01	0.03	0.01	0.01
39	1.32	1.01	0.00	0.05	0.02	0.03	0.04	0.01	0.02
40	1.77	0.43	0.00	0.06	0.01	0.02	0.05	0.01	0.02
41	3.13	0.61	0.00	0.08	0.02	0.03	0.06	0.01	0.02
42	0.81	0.17	0.00	0.04	0.01	0.01	0.03	0.01	0.01
43	0.76	0.16	0.00	0.03	0.01	0.01	0.03	0.01	0.01
44	0.89	0.19	0.00	0.03	0.01	0.01	0.03	0.01	0.01
45	0.81	0.16	0.00	0.04	0.01	0.01	0.03	0.01	0.01
46	3.02	0.16	0.00	0.15	0.02	0.03	0.15	0.02	0.03
47	1.02	0.23	0.00	0.04	0.01	0.01	0.03	0.01	0.01
48	1.20	0.32	0.00	0.04	0.00	0.00	0.04	0.00	0.00
49	4.24	1.08	0.00	0.07	0.02	0.03	0.05	0.01	0.02
50	1.04	0.13	0.00	0.05	0.01	0.02	0.04	0.01	0.02
51	1.54	0.06	0.00	0.05	0.01	0.01	0.05	0.01	0.01
52	0.88	0.17	0.00	0.03	0.01	0.01	0.03	0.01	0.01
53	0.94	0.53	0.00	0.04	0.01	0.02	0.04	0.01	0.02
54	0.87	0.12	0.00	0.03	0.01	0.01	0.03	0.01	0.01
55	2.84	0.64	0.00	0.07	0.02	0.03	0.06	0.01	0.02
56	0.97	0.20	0.00	0.04	0.01	0.01	0.03	0.01	0.01
57	4.03	0.43	0.00	0.08	0.01	0.01	0.06	0.01	0.01
58	0.96	0.22	0.00	0.04	0.01	0.01	0.03	0.01	0.01
59	9.24	2.36	0.00	0.22	0.06	0.09	0.13	0.03	0.05
60	1.50	0.26	0.00	0.06	0.01	0.02	0.05	0.01	0.02
61	4.45	1.10	0.00	0.17	0.04	0.07	0.16	0.04	0.07
62	0.68	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
63	0.79	0.17	0.00	0.04	0.01	0.01	0.03	0.01	0.01
64	0.89	0.18	0.00	0.03	0.01	0.01	0.03	0.01	0.01
65	3.43	0.87	0.00	0.07	0.02	0.03	0.05	0.01	0.02
66	0.97	0.37	0.00	0.04	0.00	0.01	0.03	0.00	0.00
67	0.93	0.12	0.00	0.04	0.01	0.01	0.03	0.01	0.01
68	1.06	0.49	0.00	0.04	0.01	0.02	0.04	0.01	0.02
69	1.62	0.30	0.00	0.04	0.01	0.01	0.04	0.01	0.01
70	1.09	0.26	0.00	0.04	0.01	0.01	0.03	0.01	0.01
71	1.63	0.30	0.00	0.05	0.01	0.01	0.04	0.01	0.01
72	1.03	0.23	0.00	0.04	0.01	0.01	0.03	0.01	0.01
73	2.86	0.72	0.00	0.08	0.02	0.03	0.06	0.02	0.03
74	1.14	0.19	0.00	0.05	0.01	0.02	0.04	0.01	0.02
75	1.45	1.24	0.00	0.05	0.02	0.04	0.04	0.02	0.03
76	3.48	0.53	0.00	0.17	0.02	0.04	0.1	O2 .02	0.04
77	1.00	0.23	0.00	0.04	0.01	0.01	0.0	.01	0.01
78	0.94	0.20	0.00	0.03	0.01	0.01	0.03	0.01	0.01
79	2.67	0.67	0.00	0.06	0.01	0.02	0.06	0.01	0.02

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.22	0.03	0.00	0.01	0.00	0.00	0.01	0.00	0.00
2	0.51	0.10	0.00	0.03	0.01	0.01	0.03	0.01	0.01
3	0.57	0.11	0.00	0.03	0.01	0.01	0.03	0.01	0.01
4	0.57	0.10	0.00	0.03	0.01	0.01	0.03	0.01	0.01
5	0.64	0.11	0.00	0.03	0.01	0.01	0.03	0.01	0.01
6	0.68	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
7	0.73	0.16	0.00	0.04	0.01	0.01	0.03	0.01	0.01
8	0.63	0.12	0.00	0.03	0.01	0.01	0.03	0.01	0.01
9	0.78	0.15	0.00	0.04	0.01	0.01	0.04	0.01	0.01
10	0.73	0.15	0.00	0.03	0.01	0.01	0.03	0.01	0.01
11	0.96	0.22	0.00	0.04	0.01	0.01	0.04	0.01	0.01
12	0.86	0.18	0.00	0.03	0.01	0.01	0.03	0.01	0.01
13	0.80	0.01	0.00	0.03	0.00	0.01	0.03	0.00	0.01
14	0.88	0.20	0.00	0.03	0.01	0.01	0.03	0.01	0.01
15	0.76	0.16	0.00	0.04	0.01	0.01	0.03	0.01	0.01
16	2.67	0.62	0.00	0.15	0.03	0.06	0.15	0.04	0.06
17	0.75	0.15	0.00	0.04	0.01	0.01	0.03	0.01	0.01
18	0.68	0.02	0.00	0.03	0.00	0.01	0.03	0.01	0.01
19	0.68	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
20	1.37	0.30	0.00	0.06	0.01	0.02	0.06	0.01	0.02
21	0.78	0.17	0.00	0.04	0.01	0.01	0.04	0.01	0.01
22	0.60	0.13	0.00	0.03	0.01	0.01	0.03	0.01	0.01
23	0.73	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
24	0.73	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
25	1.04	0.13	0.00	0.05	0.01	0.02	0.04	0.01	0.02
26	0.97	0.10	0.00	0.04	0.01	0.02	0.03	0.01	0.02
27	0.81	0.00	0.00	0.04	0.01	0.01	0.03	0.01	0.01
28	0.69	0.13	0.00	0.03	0.01	0.01	0.03	0.01	0.01
29	0.74	0.15	0.00	0.03	0.01	0.01	0.03	0.01	0.01
30	0.71	0.15	0.00	0.03	0.01	0.01	0.03	0.01	0.01
31	2.78	0.66	0.00	0.15	0.04	0.06	0.15	0.04	0.06
32	0.69	0.03	0.00	0.03	0.00	0.01	0.03	0.00	0.01
33	0.74	0.16	0.00	0.04	0.01	0.01	0.03	0.01	0.01
34	0.73	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
35	0.86	0.18	0.00	0.04	0.01	0.01	0.03	0.01	0.01
36	0.81	0.17	0.00	0.03	0.01	0.01	0.03	0.01	0.01
37	0.72	0.15	0.00	0.03	0.01	0.01	0.03	0.01	0.01
38	0.73	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
39	0.68	0.13	0.00	0.03	0.01	0.01	0.03	0.01	0.01
40	1.14	0.26	0.00	0.05	0.01	0.02	0.05	0.01	0.02
41	0.87	0.01	0.00	0.04	0.01	0.01	0.04	0.01	0.01
42	0.71	0.14	0.00	0.04	0.01	0.01	0.03	0.01	0.01
43	0.68	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
44	0.62	0.12	0.00	0.03	0.01	0.01	0.03	0.01	0.01
45	0.76	0.15	0.00	0.04	0.01	0.01	0.03	0.01	0.01
46	2.81	0.58	0.00	0.15	0.03	0.06	0.15	0.03	0.06
47	0.86	0.20	0.00	0.04	0.01	0.01	0.03	0.01	0.01
48	0.90	0.19	0.00	0.04	0.01	0.01	0.03	0.01	0.01
49	0.84	0.17	0.00	0.04	0.01	0.01	0.03	0.01	0.01
50	0.91	0.16	0.00	0.04	0.01	0.02	0.04	0.01	0.02
51	0.95	0.10	0.00	0.04	0.01	0.02	0.04	0.01	0.01
52	0.69	0.12	0.00	0.03	0.01	0.01	0.03	0.01	0.01
53	0.68	0.12	0.00	0.03	0.01	0.01	0.03	0.01	0.01
54	0.76	0.08	0.00	0.03	0.01	0.01	0.03	0.01	0.01
55	0.78	0.09	0.00	0.04	0.01	0.01	0.03	0.01	0.01
56	0.75	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
57	0.91	0.18	0.00	0.04	0.01	0.01	0.04	0.01	0.01
58	0.83	0.19	0.00	0.03	0.01	0.01	0.03	0.01	0.01
59	0.76	0.09	0.00	0.03	0.01	0.01	0.03	0.01	0.01
60	1.23	0.18	0.00	0.05	0.01	0.02	0.05	0.01	0.02
61	2.72	0.64	0.00	0.15	0.04	0.06	0.15	0.04	0.06
62	0.59	0.12	0.00	0.03	0.01	0.01	0.03	0.01	0.01
63	0.70	0.14	0.00	0.04	0.01	0.01	0.03	0.01	0.01
64	0.60	0.11	0.00	0.03	0.01	0.01	0.03	0.01	0.01
65	0.75	0.15	0.00	0.04	0.01	0.01	0.04	0.01	0.01
66	0.67	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
67	0.75	0.07	0.00	0.03	0.01	0.01	0.03	0.01	0.01
68	0.82	0.16	0.00	0.03	0.01	0.01	0.03	0.01	0.01
69	0.81	0.09	0.00	0.03	0.01	0.01	0.03	0.01	0.01
70	0.89	0.21	0.00	0.04	0.01	0.01	0.03	0.01	0.01
71	0.86	0.09	0.00	0.04	0.01	0.01	0.04	0.01	0.01
72	0.71	0.15	0.00	0.03	0.01	0.01	0.03	0.01	0.01
73	0.69	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
74	0.92	0.25	0.00	0.04	0.01	0.02	0.04	0.01	0.02
75	0.78	0.13	0.00	0.03	0.01	0.01	0.03	0.01	0.01
76	2.93	0.38	0.00	0.16	0.02	0.03	0.16	0.02	0.03
77	0.67	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
78	0.63	0.12	0.00	0.03	0.01	0.01	0.03	0.01	0.01
79	1.15	0.26	0.00	0.06	0.01	0.02	0.06	0.01	0.02
80	0.54	0.12	0.00	0.02	0.01	0.01	0.02	0.01	0.01

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.19	0.67	0.00	0.00	0.02	0.03	0.00	0.02	0.03
9	1.25	0.33	0.00	0.03	0.01	0.01	0.01	0.00	0.01
10	0.17	0.54	0.00	0.00	0.01	0.02	0.00	0.01	0.01
11	0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.23	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.79	0.21	0.00	0.01	0.00	0.01	0.01	0.00	0.00
15	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.37	0.52	0.00	0.01	0.02	0.03	0.01	0.02	0.03
17	2.62	0.70	0.00	0.04	0.01	0.02	0.02	0.00	0.01
18	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.65	0.17	0.00	0.01	0.00	0.01	0.01	0.00	0.01
20	0.93	0.34	0.00	0.01	0.01	0.01	0.01	0.00	0.01
21	0.22	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.16	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.39	0.52	0.00	0.01	0.02	0.03	0.01	0.02	0.03
25	1.34	0.36	0.00	0.03	0.01	0.01	0.01	0.00	0.01
26	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	1.01	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	1.38	0.37	0.00	0.03	0.01	0.01	0.01	0.00	0.01
29	0.88	0.24	0.00	0.01	0.00	0.01	0.00	0.00	0.00
30	7.92	1.54	0.00	0.18	0.04	0.06	0.09	0.02	0.03
31	2.01	0.18	0.00	0.02	0.01	0.02	0.02	0.02	0.03
32	0.22	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	2.71	0.72	0.00	0.04	0.01	0.02	0.02	0.00	0.01
34	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.38	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.20	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.66	0.18	0.00	0.21	0.00	0.01	0.01	0.00	0.01
38	0.14	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	0.64	1.13	0.00	0.01	0.03	0.04	0.01	0.02	0.04
40	0.63	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	2.26	0.61	0.00	0.04	0.01	0.02	0.02	0.01	0.01
42	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.27	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.21	0.65	0.00	0.00	0.02	0.03	0.00	0.02	0.03
47	0.14	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.29	0.51	0.00	0.01	0.01	0.02	0.00	0.00	0.01
49	3.48	0.91	0.00	0.05	0.01	0.02	0.02	0.00	0.01
50	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.59	0.16	0.00	0.01	0.00	0.01	0.01	0.00	0.00
52	0.19	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	0.26	0.65	0.00	0.01	0.02	0.03	0.01	0.02	0.03
54	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	2.06	0.56	0.00	0.04	0.01	0.02	0.03	0.01	0.01
56	0.22	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	3.12	0.25	0.00	0.04	0.00	0.00	0.02	0.00	0.00
58	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	8.49	2.27	0.00	0.18	0.05	0.08	0.10	0.03	0.04
60	0.27	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	1.73	0.46	0.00	0.01	0.00	0.01	0.01	0.00	0.00
62	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.29	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	2.68	0.72	0.00	0.03	0.01	0.02	0.02	0.00	0.01
66	0.29	0.51	0.00	0.01	0.01	0.02	0.00	0.00	0.01
67	0.18	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	0.24	0.66	0.00	0.01	0.02	0.03	0.01	0.02	0.03
69	0.81	0.22	0.00	0.01	0.00	0.01	0.01	0.00	0.00
70	0.20	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	0.78	0.21	0.00	0.01	0.00	0.00	0.01	0.00	0.00
72	0.33	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	2.16	0.58	0.00	0.04	0.01	0.02	0.03	0.01	0.01
74	0.22	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.75	1.38	0.00	0.01	0.03	0.05	0.01	0.03	0.04
76	0.54	0.15	0.00	0.01	0.00	0.01	0.01	0.00	0.00
77	0.33	0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.00
78	0.31	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	1.52	0.41	0.00	0.01	0.00	0.00	0.00	0.00	0.00
80	2.67	2.11	0.00	2.01	0.00	0.00	0.01	2.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.14	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00
2	0.28	0.13	0.00	0.02	0.01	0.00	0.01	0.01	0.00
3	0.34	0.18	0.00	0.02	0.01	0.00	0.01	0.01	0.00
4	0.35	0.18	0.00	0.02	0.01	0.00	0.01	0.01	0.00
5	0.38	0.20	0.00	0.02	0.01	0.00	0.02	0.01	0.00
6	0.42	0.22	0.00	0.02	0.01	0.00	0.02	0.01	0.00
7	0.43	0.27	0.00	0.02	0.01	0.00	0.02	0.01	0.00
8	1.18	0.46	0.00	0.04	0.01	0.01	0.04	0.01	0.01
9	0.45	0.23	0.00	0.02	0.01	0.00	0.02	0.01	0.00
10	2.25	1.32	0.00	0.05	0.03	0.01	0.03	0.02	0.01
11	0.54	0.28	0.00	0.02	0.01	0.01	0.02	0.01	0.00
12	0.47	0.25	0.00	0.02	0.01	0.00	0.02	0.01	0.00
13	0.59	0.37	0.00	0.03	0.02	0.01	0.02	0.02	0.01
14	0.46	0.23	0.00	0.02	0.01	0.00	0.02	0.01	0.00
15	0.52	0.27	0.00	0.02	0.01	0.00	0.02	0.01	0.00
16	1.96	0.60	0.00	0.08	0.03	0.02	0.08	0.03	0.02
17	0.51	0.31	0.00	0.02	0.01	0.01	0.02	0.01	0.00
18	0.48	0.25	0.00	0.02	0.01	0.00	0.02	0.01	0.00
19	0.85	0.50	0.00	0.03	0.01	0.01	0.02	0.01	0.01
20	2.61	1.28	0.00	0.07	0.03	0.01	0.05	0.02	0.01
21	0.86	0.46	0.00	0.03	0.02	0.01	0.03	0.01	0.01
22	0.52	0.33	0.00	0.02	0.01	0.00	0.02	0.01	0.00
23	0.60	0.25	0.00	0.02	0.01	0.01	0.02	0.01	0.00
24	1.28	0.51	0.00	0.04	0.01	0.01	0.04	0.01	0.01
25	0.47	0.20	0.00	0.02	0.01	0.00	0.02	0.01	0.00
26	1.60	0.60	0.00	0.04	0.01	0.01	0.03	0.01	0.01
27	0.54	0.26	0.00	0.02	0.01	0.00	0.02	0.01	0.00
28	0.56	0.40	0.00	0.02	0.01	0.01	0.02	0.01	0.00
29	0.60	0.28	0.00	0.02	0.01	0.00	0.02	0.01	0.00
30	5.39	5.27	0.00	0.12	0.12	0.06	0.07	0.06	0.03
31	3.09	1.13	0.00	0.09	0.03	0.02	0.08	0.03	0.02
32	0.63	0.32	0.00	0.02	0.01	0.00	0.02	0.01	0.00
33	0.60	0.38	0.00	0.02	0.01	0.01	0.02	0.01	0.00
34	0.56	0.26	0.00	0.02	0.01	0.00	0.02	0.01	0.00
35	0.52	0.24	0.00	0.02	0.01	0.00	0.02	0.01	0.00
36	0.57	0.23	0.00	0.02	0.01	0.00	0.02	0.01	0.00
37	0.79	0.49	0.00	0.03	0.01	0.01	0.02	0.01	0.01
38	0.90	0.42	0.00	0.03	0.02	0.01	0.03	0.02	0.01
39	3.06	1.39	0.00	0.07	0.03	0.01	0.06	0.02	0.01
40	0.86	0.34	0.00	0.04	0.01	0.01	0.03	0.01	0.01
41	0.82	0.47	0.00	0.03	0.02	0.01	0.03	0.02	0.01
42	0.53	0.26	0.00	0.02	0.01	0.00	0.02	0.01	0.00
43	0.56	0.34	0.00	0.02	0.01	0.00	0.02	0.01	0.00
44	0.60	0.32	0.00	0.02	0.01	0.00	0.02	0.01	0.00
45	0.52	0.26	0.00	0.02	0.01	0.00	0.02	0.01	0.00
46	1.96	0.58	0.00	0.08	0.03	0.02	0.08	0.03	0.01
47	0.56	0.32	0.00	0.02	0.01	0.00	0.02	0.01	0.00
48	2.29	1.30	0.00	0.06	0.03	0.01	0.03	0.02	0.01
49	0.58	0.30	0.00	0.02	0.01	0.01	0.02	0.01	0.00
50	0.56	0.24	0.00	0.02	0.01	0.00	0.02	0.01	0.00
51	1.83	0.58	0.00	0.04	0.01	0.01	0.04	0.01	0.01
52	0.56	0.32	0.00	0.02	0.01	0.00	0.02	0.01	0.00
53	1.63	0.45	0.00	0.04	0.01	0.01	0.04	0.01	0.01
54	0.53	0.25	0.00	0.02	0.01	0.00	0.02	0.01	0.00
55	0.91	0.57	0.00	0.03	0.01	0.01	0.02	0.01	0.01
56	0.63	0.32	0.00	0.02	0.01	0.00	0.02	0.01	0.00
57	2.49	1.33	0.00	0.06	0.03	0.01	0.03	0.02	0.01
58	0.58	0.32	0.00	0.02	0.01	0.01	0.02	0.01	0.00
59	3.64	6.09	0.00	0.09	0.14	0.07	0.05	0.07	0.03
60	0.87	0.35	0.00	0.04	0.01	0.01	0.03	0.01	0.01
61	2.49	1.11	0.00	0.08	0.03	0.02	0.07	0.03	0.02
62	0.57	0.27	0.00	0.02	0.01	0.00	0.02	0.01	0.00
63	0.61	0.40	0.00	0.03	0.02	0.01	0.02	0.02	0.01
64	0.51	0.28	0.00	0.02	0.01	0.00	0.02	0.01	0.00
65	0.53	0.28	0.00	0.02	0.01	0.01	0.02	0.01	0.00
66	2.36	1.35	0.00	0.06	0.03	0.01	0.03	0.02	0.01
67	0.58	0.30	0.00	0.02	0.01	0.01	0.02	0.01	0.00
68	1.47	0.49	0.00	0.04	0.02	0.01	0.04	0.01	0.01
69	0.47	0.27	0.00	0.02	0.01	0.00	0.02	0.01	0.00
70	0.80	1.41	0.00	0.03	0.02	0.01	0.02	0.01	0.01
71	0.78	0.47	0.00	0.03	0.01	0.01	0.02	0.01	0.01
72	0.59	0.37	0.00	0.02	0.01	0.00	0.02	0.01	0.00
73	0.82	0.49	0.00	0.03	0.01	0.01	0.02	0.01	0.01
74	0.63	0.27	0.00	0.02	0.01	0.00	0.02	0.01	0.00
75	3.20	1.47	0.00	0.08	0.04	0.02	0.0	0.03	0.01
76	3.46	0.88	0.00	0.15	0.03	0.02	0.1	0.03	0.01
77	0.57	0.25	0.00	0.02	0.01	0.00	0.02	0.01	0.00
78	0.63	0.37	0.00	0.02	0.01	0.00	0.02	0.01	0.00
79	0.98	0.39	0.00	0.04	0.01	0.01	0.03	0.01	0.01
80	2.66	2.35	0.00	1.02	0.01	0.00	2.02	0.01	0.00

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.14	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00
2	0.28	0.13	0.00	0.02	0.01	0.00	0.01	0.01	0.00
3	0.34	0.18	0.00	0.02	0.01	0.00	0.01	0.01	0.00
4	0.35	0.17	0.00	0.02	0.01	0.00	0.01	0.01	0.00
5	0.38	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
6	0.40	0.18	0.00	0.02	0.01	0.00	0.02	0.01	0.00
7	0.42	0.25	0.00	0.02	0.01	0.00	0.02	0.01	0.00
8	0.39	0.24	0.00	0.02	0.01	0.00	0.02	0.01	0.00
9	0.43	0.21	0.00	0.02	0.01	0.00	0.02	0.01	0.00
10	0.44	0.26	0.00	0.02	0.01	0.00	0.02	0.01	0.00
11	0.48	0.26	0.00	0.02	0.01	0.01	0.02	0.01	0.00
12	0.40	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
13	0.52	0.34	0.00	0.03	0.02	0.01	0.02	0.02	0.01
14	0.39	0.16	0.00	0.02	0.01	0.00	0.02	0.01	0.00
15	0.43	0.20	0.00	0.02	0.01	0.00	0.02	0.01	0.00
16	1.11	0.52	0.00	0.06	0.03	0.02	0.06	0.03	0.02
17	0.41	0.22	0.00	0.02	0.01	0.00	0.02	0.01	0.00
18	0.38	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
19	0.45	0.28	0.00	0.02	0.01	0.00	0.02	0.01	0.00
20	0.75	0.38	0.00	0.04	0.01	0.01	0.03	0.01	0.01
21	0.50	0.28	0.00	0.02	0.01	0.01	0.02	0.01	0.01
22	0.36	0.18	0.00	0.02	0.01	0.00	0.01	0.01	0.00
23	0.39	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
24	0.42	0.26	0.00	0.02	0.01	0.00	0.02	0.01	0.00
25	0.40	0.18	0.00	0.02	0.01	0.00	0.02	0.01	0.00
26	1.35	0.46	0.00	0.04	0.01	0.01	0.03	0.01	0.00
27	0.40	0.21	0.00	0.02	0.01	0.00	0.02	0.01	0.00
28	0.42	0.20	0.00	0.02	0.01	0.00	0.02	0.01	0.00
29	0.44	0.20	0.00	0.02	0.01	0.00	0.02	0.01	0.00
30	0.39	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
31	1.14	0.52	0.00	0.06	0.03	0.01	0.06	0.03	0.01
32	0.40	0.25	0.00	0.02	0.01	0.00	0.02	0.01	0.00
33	0.41	0.21	0.00	0.02	0.01	0.00	0.02	0.01	0.00
34	0.41	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
35	0.40	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
36	0.38	0.17	0.00	0.02	0.01	0.00	0.02	0.01	0.00
37	0.36	0.18	0.00	0.02	0.01	0.00	0.02	0.01	0.00
38	0.56	0.40	0.00	0.03	0.02	0.01	0.02	0.02	0.01
39	0.39	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
40	0.68	0.28	0.00	0.04	0.01	0.01	0.03	0.01	0.01
41	0.49	0.32	0.00	0.02	0.01	0.01	0.02	0.01	0.01
42	0.40	0.18	0.00	0.02	0.01	0.00	0.02	0.01	0.00
43	0.43	0.26	0.00	0.02	0.01	0.00	0.02	0.01	0.00
44	0.41	0.24	0.00	0.02	0.01	0.00	0.02	0.01	0.00
45	0.41	0.21	0.00	0.02	0.01	0.00	0.02	0.01	0.00
46	1.09	0.51	0.00	0.06	0.03	0.02	0.06	0.03	0.01
47	0.42	0.20	0.00	0.02	0.01	0.00	0.02	0.01	0.00
48	0.40	0.18	0.00	0.02	0.01	0.00	0.02	0.01	0.00
49	0.38	0.17	0.00	0.02	0.01	0.00	0.02	0.01	0.00
50	0.41	0.13	0.00	0.02	0.01	0.00	0.02	0.01	0.00
51	1.43	0.44	0.00	0.04	0.01	0.01	0.03	0.01	0.01
52	0.43	0.26	0.00	0.02	0.01	0.00	0.02	0.01	0.00
53	0.44	0.20	0.00	0.02	0.01	0.00	0.02	0.01	0.00
54	0.39	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
55	0.43	0.29	0.00	0.02	0.01	0.00	0.02	0.01	0.00
56	0.45	0.25	0.00	0.02	0.01	0.00	0.02	0.01	0.00
57	0.41	0.20	0.00	0.02	0.01	0.00	0.02	0.01	0.00
58	0.40	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
59	0.40	0.20	0.00	0.02	0.01	0.00	0.02	0.01	0.00
60	0.71	0.38	0.00	0.04	0.01	0.01	0.03	0.01	0.01
61	1.11	0.51	0.00	0.06	0.03	0.01	0.06	0.03	0.01
62	0.36	0.15	0.00	0.02	0.01	0.00	0.02	0.01	0.00
63	0.50	0.34	0.00	0.03	0.02	0.01	0.02	0.02	0.01
64	0.37	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
65	0.41	0.20	0.00	0.02	0.01	0.00	0.02	0.01	0.00
66	0.45	0.27	0.00	0.02	0.01	0.00	0.02	0.01	0.00
67	0.44	0.27	0.00	0.02	0.01	0.00	0.02	0.01	0.00
68	0.43	0.24	0.00	0.02	0.01	0.00	0.02	0.01	0.00
69	0.41	0.21	0.00	0.02	0.01	0.00	0.02	0.01	0.00
70	0.39	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
71	0.50	0.27	0.00	0.02	0.01	0.01	0.02	0.01	0.00
72	0.39	0.18	0.00	0.02	0.01	0.00	0.02	0.01	0.00
73	0.37	0.17	0.00	0.02	0.01	0.00	0.02	0.01	0.00
74	0.41	0.16	0.00	0.02	0.01	0.00	0.02	0.01	0.00
75	0.51	0.34	0.00	0.03	0.02	0.01	0.02	0.01	0.01
76	1.33	0.61	0.00	0.06	0.03	0.01	0.06	0.03	0.01
77	0.39	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
78	0.39	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
79	0.72	0.28	0.00	0.04	0.01	0.01	0.03	0.01	0.01

Estimated CONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.03	0.07	0.00	0.00	0.00	0.00	5.00	0.00	0.00
7	0.01	0.02	0.00	5.00	0.00	0.00	5.00	0.00	0.00
8	0.79	0.29	0.00	0.02	0.01	0.00	0.02	0.01	0.00
9	0.01	0.02	0.00	8.00	0.00	0.00	8.00	0.00	0.00
10	1.82	1.18	0.00	0.03	0.02	0.01	0.02	0.01	0.01
11	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.07	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.07	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.07	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.09	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.05	0.30	0.00	0.02	0.01	0.00	0.02	0.01	0.00
17	0.10	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.40	0.41	0.00	0.01	0.01	0.00	0.01	0.01	0.00
20	1.86	1.18	0.00	0.03	0.02	0.01	0.02	0.01	0.01
21	0.36	0.20	0.00	0.01	0.00	0.00	0.01	0.00	0.00
22	0.16	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.22	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.86	0.30	0.00	0.02	0.01	0.00	0.02	0.01	0.00
25	0.07	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.25	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.15	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.15	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	5.00	5.39	0.00	0.11	0.13	0.05	0.05	0.06	0.03
31	1.96	0.94	0.00	0.03	0.01	0.00	0.03	0.01	0.00
32	0.22	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.19	0.18	0.00	0.00	0.01	0.00	0.00	0.00	0.00
34	0.14	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.12	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.43	0.43	0.00	0.01	0.01	0.00	0.01	0.01	0.00
38	0.34	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	2.67	1.26	0.00	0.05	0.02	0.01	0.04	0.01	0.01
40	0.18	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.34	0.17	0.00	0.01	0.01	0.00	0.01	0.00	0.00
42	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.13	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.19	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.12	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.87	0.28	0.00	0.02	0.01	0.00	0.02	0.01	0.00
47	0.13	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	1.89	1.18	0.00	0.03	0.02	0.01	0.02	0.01	0.01
49	0.20	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.15	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.40	0.44	0.00	0.01	0.01	0.00	0.01	0.01	0.00
52	0.12	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	1.19	0.41	0.00	0.02	0.01	0.00	0.02	0.01	0.00
54	0.14	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.48	0.51	0.00	0.01	0.01	0.00	0.01	0.01	0.00
56	0.18	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	2.08	1.20	0.00	0.04	0.02	0.01	0.02	0.01	0.01
58	0.18	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	3.24	6.21	0.00	0.07	0.14	0.07	0.04	0.07	0.04
60	0.16	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	1.38	0.93	0.00	0.02	0.01	0.00	0.01	0.01	0.00
62	0.21	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.14	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.13	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	1.91	1.20	0.00	0.03	0.02	0.01	0.02	0.01	0.01
67	0.07	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	1.04	0.36	0.00	0.02	0.01	0.00	0.02	0.01	0.00
69	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.41	1.36	0.00	0.01	0.02	0.01	0.00	0.01	0.01
71	0.28	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72	0.20	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	0.45	0.43	0.00	0.01	0.01	0.00	0.01	0.01	0.00
74	0.22	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	2.68	1.27	0.00	0.05	0.02	0.01	0.04	0.01	0.01
76	1.12	0.49	0.00	0.09	0.02	0.01	0.05	0.01	0.00
77	0.18	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.24	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.26	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.44	0.34	0.00	0.03	0.02	0.02	0.01	0.01	0.01
2	0.63	0.44	0.00	0.04	0.03	0.03	0.02	0.02	0.02
3	0.70	0.46	0.00	0.04	0.03	0.03	0.03	0.02	0.02
4	0.72	0.45	0.00	0.04	0.03	0.03	0.03	0.02	0.02
5	0.76	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
6	0.76	0.46	0.00	0.04	0.03	0.03	0.03	0.02	0.02
7	0.75	0.50	0.00	0.04	0.03	0.03	0.03	0.02	0.02
8	1.37	1.13	0.00	0.07	0.05	0.04	0.06	0.03	0.03
9	0.83	0.49	0.00	0.04	0.03	0.03	0.03	0.02	0.02
10	1.12	1.12	0.00	0.05	0.04	0.03	0.03	0.02	0.02
11	0.94	0.56	0.00	0.05	0.03	0.03	0.03	0.02	0.02
12	0.87	0.51	0.00	0.04	0.03	0.03	0.03	0.02	0.02
13	0.99	0.64	0.00	0.05	0.04	0.03	0.04	0.03	0.02
14	0.82	0.51	0.00	0.04	0.03	0.03	0.03	0.02	0.02
15	0.88	0.50	0.00	0.05	0.03	0.03	0.03	0.02	0.02
16	2.42	1.02	0.00	0.10	0.04	0.04	0.06	0.03	0.03
17	0.86	0.52	0.00	0.04	0.03	0.03	0.03	0.02	0.02
18	0.85	0.54	0.00	0.04	0.03	0.03	0.03	0.02	0.02
19	1.34	0.96	0.00	0.05	0.04	0.04	0.04	0.03	0.02
20	3.50	2.37	0.00	0.11	0.07	0.07	0.07	0.05	0.04
21	1.28	0.77	0.00	0.05	0.04	0.04	0.05	0.03	0.03
22	0.85	0.52	0.00	0.04	0.03	0.03	0.03	0.02	0.02
23	0.90	0.57	0.00	0.05	0.03	0.03	0.03	0.02	0.02
24	1.98	1.19	0.00	0.07	0.05	0.04	0.06	0.04	0.03
25	0.90	0.56	0.00	0.05	0.03	0.03	0.03	0.02	0.02
26	1.53	1.13	0.00	0.06	0.03	0.03	0.05	0.02	0.02
27	1.08	0.43	0.00	0.04	0.03	0.03	0.03	0.02	0.02
28	0.93	0.61	0.00	0.05	0.03	0.03	0.03	0.02	0.02
29	0.88	0.52	0.00	0.05	0.03	0.03	0.03	0.02	0.02
30	8.04	7.64	0.00	0.21	0.16	0.15	0.11	0.08	0.07
31	3.98	1.77	0.00	0.12	0.05	0.05	0.10	0.04	0.04
32	0.87	0.57	0.00	0.04	0.03	0.03	0.03	0.02	0.02
33	0.94	0.54	0.00	0.05	0.03	0.03	0.03	0.02	0.02
34	0.84	0.51	0.00	0.04	0.03	0.03	0.03	0.02	0.02
35	0.90	0.54	0.00	0.05	0.03	0.03	0.03	0.02	0.02
36	0.92	0.60	0.00	0.05	0.03	0.03	0.03	0.02	0.02
37	1.17	0.84	0.00	0.05	0.04	0.04	0.03	0.02	0.02
38	1.29	0.87	0.00	0.05	0.04	0.04	0.04	0.03	0.03
39	2.24	1.54	0.00	0.08	0.06	0.06	0.06	0.04	0.04
40	3.25	2.41	0.00	0.10	0.07	0.07	0.07	0.06	0.04
41	1.23	0.72	0.00	0.05	0.04	0.04	0.05	0.03	0.03
42	0.89	0.52	0.00	0.05	0.03	0.03	0.03	0.02	0.02
43	0.92	0.59	0.00	0.05	0.03	0.03	0.03	0.02	0.02
44	0.90	0.54	0.00	0.05	0.03	0.03	0.03	0.02	0.02
45	0.95	0.56	0.00	0.05	0.03	0.03	0.03	0.02	0.02
46	2.43	1.05	0.00	0.10	0.04	0.04	0.08	0.03	0.03
47	0.87	0.54	0.00	0.04	0.03	0.03	0.03	0.02	0.02
48	1.15	1.22	0.00	0.05	0.04	0.03	0.03	0.02	0.02
49	1.27	0.57	0.00	0.05	0.03	0.03	0.03	0.02	0.02
50	0.99	0.48	0.00	0.05	0.03	0.03	0.03	0.02	0.02
51	1.71	1.44	0.00	0.07	0.03	0.03	0.05	0.02	0.02
52	0.83	0.52	0.00	0.04	0.03	0.03	0.03	0.02	0.02
53	2.05	1.19	0.00	0.08	0.05	0.05	0.06	0.04	0.03
54	0.85	0.52	0.00	0.04	0.03	0.03	0.03	0.02	0.02
55	1.23	0.87	0.00	0.05	0.04	0.04	0.04	0.03	0.02
56	1.10	0.69	0.00	0.05	0.03	0.03	0.03	0.02	0.02
57	1.39	1.07	0.00	0.05	0.04	0.03	0.03	0.02	0.02
58	0.98	0.63	0.00	0.05	0.03	0.03	0.03	0.02	0.02
59	9.71	6.31	0.00	0.24	0.13	0.13	0.13	0.06	0.06
60	1.38	0.76	0.00	0.07	0.04	0.04	0.05	0.03	0.03
61	3.28	1.46	0.00	0.11	0.05	0.04	0.09	0.04	0.04
62	0.92	0.50	0.00	0.04	0.03	0.03	0.03	0.02	0.02
63	1.10	0.70	0.00	0.05	0.04	0.04	0.04	0.03	0.02
64	0.89	0.57	0.00	0.05	0.03	0.03	0.03	0.02	0.02
65	0.89	0.52	0.00	0.05	0.03	0.03	0.03	0.02	0.02
66	1.06	1.12	0.00	0.05	0.04	0.03	0.03	0.02	0.02
67	0.88	0.54	0.00	0.05	0.03	0.03	0.03	0.02	0.02
68	2.15	1.31	0.00	0.08	0.05	0.05	0.06	0.04	0.03
69	0.85	0.53	0.00	0.04	0.03	0.03	0.03	0.02	0.02
70	0.86	0.51	0.00	0.04	0.03	0.03	0.03	0.02	0.02
71	1.16	0.54	0.00	0.05	0.03	0.03	0.03	0.02	0.02
72	0.89	0.52	0.00	0.04	0.03	0.03	0.03	0.02	0.02
73	1.23	0.82	0.00	0.05	0.04	0.04	0.04	0.03	0.02
74	1.04	0.57	0.00	0.05	0.03	0.03	0.03	0.02	0.02
75	2.44	1.72	0.00	0.09	0.06	0.06	0.07	0.04	0.04
76	3.69	1.33	0.00	0.14	0.03	0.03	0.09	0.03	0.03
77	2.82	2.15	0.00	0.08	0.05	0.05	0.05	0.03	0.03
78	0.97	0.53	0.00	0.05	0.03	0.03	0.03	0.02	0.02
79	1.67	0.68	0.00	0.07	0.04	0.04	0.05	0.03	0.03

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.44	0.34	0.00	0.00	0.02	0.02	0.01	0.01	0.01
2	0.63	0.44	0.00	0.04	0.03	0.03	0.02	0.02	0.02
3	0.70	0.46	0.00	0.04	0.03	0.03	0.03	0.02	0.02
4	0.72	0.45	0.00	0.04	0.03	0.03	0.03	0.02	0.02
5	0.76	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
6	0.75	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
7	0.75	0.49	0.00	0.04	0.03	0.03	0.03	0.02	0.02
8	0.75	0.49	0.00	0.04	0.03	0.03	0.03	0.02	0.02
9	0.82	0.48	0.00	0.04	0.03	0.03	0.03	0.02	0.02
10	0.68	0.57	0.00	0.04	0.03	0.03	0.03	0.02	0.02
11	0.87	0.52	0.00	0.05	0.03	0.03	0.03	0.02	0.02
12	0.79	0.46	0.00	0.04	0.03	0.03	0.03	0.02	0.02
13	0.92	0.59	0.00	0.05	0.04	0.03	0.04	0.02	0.02
14	0.75	0.48	0.00	0.04	0.03	0.03	0.03	0.02	0.02
15	0.82	0.46	0.00	0.04	0.03	0.03	0.03	0.02	0.02
16	1.21	0.42	0.00	0.07	0.02	0.02	0.05	0.02	0.02
17	0.77	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
18	0.75	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
19	0.79	0.50	0.00	0.04	0.03	0.03	0.03	0.02	0.02
20	1.24	0.60	0.00	0.07	0.04	0.04	0.05	0.03	0.03
21	0.86	0.58	0.00	0.05	0.03	0.03	0.04	0.02	0.02
22	0.74	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
23	0.75	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
24	0.77	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
25	0.79	0.46	0.00	0.04	0.03	0.03	0.03	0.02	0.02
26	1.28	0.31	0.00	0.06	0.03	0.03	0.04	0.02	0.02
27	0.75	0.46	0.00	0.04	0.03	0.03	0.03	0.02	0.02
28	0.78	0.50	0.00	0.04	0.03	0.03	0.03	0.02	0.02
29	0.79	0.48	0.00	0.04	0.03	0.03	0.03	0.02	0.02
30	0.86	0.56	0.00	0.04	0.03	0.03	0.03	0.02	0.02
31	1.24	0.48	0.00	0.07	0.03	0.03	0.05	0.03	0.03
32	0.76	0.50	0.00	0.04	0.03	0.03	0.03	0.02	0.02
33	0.79	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
34	0.76	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
35	0.77	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
36	0.76	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
37	0.77	0.45	0.00	0.04	0.03	0.03	0.03	0.02	0.02
38	0.97	0.63	0.00	0.05	0.04	0.03	0.04	0.03	0.02
39	0.77	0.46	0.00	0.04	0.03	0.03	0.03	0.02	0.02
40	1.14	0.68	0.00	0.06	0.04	0.04	0.05	0.03	0.03
41	0.91	0.54	0.00	0.05	0.03	0.03	0.04	0.02	0.02
42	0.79	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
43	0.79	0.50	0.00	0.04	0.03	0.03	0.03	0.02	0.02
44	0.78	0.49	0.00	0.04	0.03	0.03	0.03	0.02	0.02
45	0.82	0.46	0.00	0.05	0.03	0.03	0.03	0.02	0.02
46	1.18	0.45	0.00	0.07	0.03	0.02	0.05	0.02	0.02
47	0.76	0.48	0.00	0.04	0.03	0.03	0.03	0.02	0.02
48	0.80	0.49	0.00	0.04	0.03	0.03	0.03	0.02	0.02
49	0.85	0.54	0.00	0.04	0.03	0.03	0.03	0.02	0.02
50	0.82	0.39	0.00	0.05	0.03	0.02	0.03	0.02	0.02
51	1.36	0.38	0.00	0.06	0.03	0.03	0.06	0.02	0.02
52	0.74	0.44	0.00	0.04	0.03	0.03	0.03	0.02	0.02
53	0.77	0.45	0.00	0.04	0.03	0.03	0.03	0.02	0.02
54	0.77	0.48	0.00	0.04	0.03	0.03	0.03	0.02	0.02
55	0.82	0.52	0.00	0.04	0.03	0.03	0.03	0.02	0.02
56	0.82	0.49	0.00	0.04	0.03	0.03	0.03	0.02	0.02
57	0.79	0.48	0.00	0.04	0.03	0.03	0.03	0.02	0.02
58	0.77	0.48	0.00	0.04	0.03	0.03	0.03	0.02	0.02
59	0.77	0.49	0.00	0.04	0.03	0.03	0.03	0.02	0.02
60	1.13	0.69	0.00	0.06	0.04	0.04	0.05	0.03	0.03
61	1.00	0.48	0.00	0.07	0.03	0.03	0.06	0.03	0.02
62	0.78	0.42	0.00	0.04	0.03	0.03	0.03	0.02	0.02
63	0.97	0.59	0.00	0.05	0.04	0.03	0.04	0.02	0.02
64	0.77	0.48	0.00	0.04	0.03	0.03	0.03	0.02	0.02
65	0.75	0.46	0.00	0.04	0.03	0.03	0.03	0.02	0.02
66	0.77	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
67	0.87	0.56	0.00	0.05	0.03	0.03	0.03	0.02	0.02
68	0.74	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
69	0.75	0.47	0.00	0.04	0.03	0.03	0.03	0.02	0.02
70	0.75	0.44	0.00	0.04	0.03	0.03	0.03	0.02	0.02
71	0.97	0.62	0.00	0.05	0.04	0.03	0.04	0.02	0.02
72	1.36	0.48	0.00	0.07	0.02	0.02	0.05	0.02	0.02
73	0.75	0.45	0.00	0.04	0.03	0.03	0.03	0.02	0.02
74	0.78	0.50	0.00	0.04	0.03	0.03	0.03	0.02	0.02
75	1.22	0.64	0.00	0.07	0.04	0.04	0.05	0.03	0.03
76	1.39	0.71	0.00	0.06	0.03	0.03	0.05	0.03	0.03

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1.12	0.64	0.00	0.03	0.02	0.02	0.03	0.02	0.02
9	0.01	0.01	0.00	3.00	0.00	0.00	3.00	0.00	0.00
10	0.24	0.32	0.00	0.01	0.0	0.01	0.00	0.01	0.01
11	0.06	0.04	0.00	0.00	0.0u	0.00	0.00	0.00	0.00
12	0.08	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	1.21	0.71	0.00	0.02	0.02	0.02	0.03	0.02	0.02
17	0.08	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.10	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.56	0.53	0.00	0.01	0.02	0.02	0.01	0.01	0.01
20	2.25	1.77	0.00	0.04	0.03	0.03	0.02	0.02	0.02
21	0.32	0.22	0.00	0.01	0.01	0.01	0.01	0.01	0.01
22	0.11	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.14	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	1.21	0.72	0.00	0.03	0.02	0.02	0.03	0.02	0.02
25	0.11	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.26	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.33	0.06	0.50	0.00	0.00	0.00	0.00	0.00	0.00
28	0.15	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	7.19	8.20	0.00	0.17	0.19	0.18	0.08	0.09	0.09
31	2.74	1.38	0.00	0.05	0.03	0.03	0.04	0.03	0.02
32	0.10	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.16	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.15	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.45	0.51	0.00	0.01	0.02	0.02	0.01	0.01	0.01
38	0.32	0.24	0.00	0.01	0.00	0.00	0.00	0.00	0.00
39	1.46	1.19	0.00	0.04	0.03	0.02	0.03	0.02	0.02
40	2.12	1.74	0.00	0.04	0.03	0.03	0.02	0.02	0.02
41	0.33	0.23	0.00	0.01	0.01	0.01	0.01	0.01	0.01
42	0.11	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.13	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.12	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.13	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	1.24	0.72	0.00	0.03	0.02	0.02	0.03	0.02	0.02
47	0.11	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.36	1.01	0.00	0.01	0.02	0.02	0.00	0.01	0.01
49	0.42	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.17	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.37	1.17	0.00	0.01	0.01	0.01	0.01	0.01	0.01
52	0.09	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	1.27	0.74	0.00	0.03	0.02	0.02	0.03	0.02	0.02
54	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.42	0.46	0.00	0.01	0.02	0.02	0.01	0.01	0.01
56	0.27	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	0.68	0.87	0.00	0.01	0.02	0.02	0.00	0.01	0.01
58	0.21	0.15	0.00	0.01	0.00	0.00	0.00	0.00	0.00
59	8.94	6.79	0.00	0.20	0.16	0.15	0.10	0.08	0.08
60	0.17	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	1.98	1.07	0.00	0.04	0.03	0.03	0.03	0.02	0.02
62	0.12	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.18	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.11	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.11	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	0.23	0.05	0.00	0.01	0.02	0.01	0.00	0.01	0.01
67	0.10	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	1.25	0.75	0.00	0.03	0.02	0.02	0.03	0.02	0.02
69	0.09	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	0.29	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72	0.15	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	0.47	0.47	0.00	0.01	0.02	0.02	0.01	0.01	0.01
74	0.29	0.15	0.00	0.00	0.00	0.00	0.0	0.00	0.00
75	1.48	1.22	0.00	0.04	0.03	0.02	0.1	.02	0.02
76	2.33	0.94	0.00	0.08	0.03	0.02	0.04	0.01	0.01
77	2.06	1.73	0.00	0.04	0.03	0.03	0.02	0.02	0.02
78	0.22	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.46	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.15	0.10	0.00	0.01	0.01	0.00	0.00	0.00	0.00
2	0.20	0.08	0.00	0.01	0.00	0.00	0.01	0.00	0.00
3	0.25	0.11	0.00	0.01	0.01	0.00	0.01	0.00	0.00
4	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
5	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
6	0.26	0.09	0.00	0.01	0.01	0.00	0.01	0.00	0.00
7	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
8	0.91	0.29	0.00	0.03	0.01	0.00	0.03	0.01	0.00
9	0.25	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
10	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
11	0.23	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
12	0.25	0.08	0.00	0.01	0.01	0.00	0.01	0.00	0.00
13	0.43	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
14	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
15	0.32	0.08	0.00	0.02	0.01	0.00	0.01	0.00	0.00
16	1.32	0.55	0.00	0.09	0.03	0.01	0.08	0.03	0.01
17	0.58	0.29	0.00	0.02	0.01	0.00	0.01	0.01	0.00
18	0.26	0.08	0.00	0.01	0.01	0.00	0.01	0.00	0.00
19	0.23	0.04	0.00	0.01	0.00	0.00	0.01	0.00	0.00
20	0.97	0.60	0.00	0.06	0.04	0.01	0.03	0.02	0.00
21	0.24	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
22	0.22	0.05	0.00	0.01	0.00	0.00	0.01	0.00	0.00
23	0.25	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
24	0.91	0.29	0.00	0.03	0.01	0.00	0.03	0.01	0.00
25	0.33	0.14	0.00	0.02	0.01	0.00	0.01	0.01	0.00
26	0.47	0.21	0.00	0.03	0.01	0.00	0.02	0.01	0.00
27	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
28	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
29	0.31	0.09	0.00	0.02	0.01	0.00	0.01	0.00	0.00
30	0.21	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
31	2.25	0.70	0.00	0.09	0.03	0.01	0.09	0.03	0.01
32	0.25	0.04	0.00	0.01	0.00	0.00	0.01	0.00	0.00
33	0.58	0.30	0.00	0.02	0.01	0.00	0.01	0.01	0.00
34	0.26	0.08	0.00	0.01	0.01	0.00	0.01	0.00	0.00
35	0.24	0.04	0.00	0.01	0.00	0.00	0.01	0.00	0.00
36	0.21	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
37	0.25	0.11	0.00	0.01	0.01	0.00	0.01	0.00	0.00
38	1.56	1.63	0.00	0.02	0.01	0.00	0.02	0.01	0.00
39	0.93	0.27	0.00	0.03	0.01	0.00	0.03	0.01	0.00
40	1.00	0.62	0.00	0.06	0.04	0.01	0.04	0.02	0.01
41	0.24	0.08	0.00	0.01	0.00	0.00	0.01	0.00	0.00
42	0.27	0.08	0.00	0.01	0.01	0.00	0.01	0.00	0.00
43	0.25	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
44	0.23	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
45	0.27	0.09	0.00	0.01	0.01	0.00	0.01	0.00	0.00
46	1.91	0.65	0.00	0.09	0.03	0.01	0.08	0.03	0.01
47	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
48	0.26	0.08	0.00	0.01	0.01	0.00	0.01	0.00	0.00
49	0.59	0.31	0.00	0.02	0.01	0.00	0.01	0.01	0.00
50	0.33	0.14	0.00	0.02	0.01	0.00	0.01	0.01	0.00
51	0.45	0.18	0.00	0.02	0.01	0.00	0.02	0.01	0.00
52	0.24	0.04	0.00	0.01	0.00	0.00	0.01	0.00	0.00
53	0.96	0.32	0.00	0.03	0.01	0.00	0.03	0.01	0.00
54	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
55	0.25	0.03	0.00	0.01	0.00	0.00	0.01	0.00	0.00
56	0.26	0.09	0.00	0.02	0.01	0.00	0.01	0.00	0.00
57	0.26	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
58	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
59	0.28	0.07	0.00	0.02	0.01	0.00	0.01	0.00	0.00
60	5.40	9.34	0.00	0.06	0.04	0.01	0.04	0.02	0.00
61	1.56	0.60	0.00	0.08	0.03	0.01	0.07	0.03	0.01
62	0.24	0.04	0.00	0.01	0.00	0.00	0.01	0.00	0.00
63	1.56	1.63	0.00	0.02	0.01	0.00	0.02	0.01	0.00
64	0.26	0.09	0.00	0.01	0.01	0.00	0.01	0.00	0.00
65	0.58	0.30	0.00	0.02	0.01	0.00	0.01	0.01	0.00
66	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
67	0.25	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
68	0.92	0.28	0.00	0.03	0.01	0.00	0.03	0.01	0.00
69	0.24	0.04	0.00	0.01	0.00	0.00	0.01	0.00	0.00
70	0.25	0.09	0.00	0.01	0.01	0.00	0.01	0.00	0.00
71	0.28	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
72	0.28	0.07	0.00	0.02	0.01	0.00	0.01	0.00	0.00
73	0.22	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
74	0.32	0.12	0.00	0.02	0.01	0.00	0.01	0.01	0.00
75	1.19	0.34	0.00	0.04	0.01	0.00	0.04	0.01	0.00
76	3.03	0.45	0.00	0.16	0.03	0.01	0.11	0.02	0.01
77	0.23	0.05	0.00	0.01	0.00	0.00	0.01	0.00	0.00
78	0.26	0.09	0.00	0.01	0.01	0.00	0.01	0.00	0.00
79	0.92	0.62	0.00	0.05	0.04	0.01	0.03	0.02	0.01
80	2.21	0.15	0.00	0.13	0.01	0.00	0.09	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF. Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.15	0.10	0.00	0.01	0.01	0.00	0.00	0.00	0.00
2	0.20	0.08	0.00	0.01	0.00	0.00	0.01	0.00	0.00
3	0.25	0.11	0.00	0.01	0.01	0.00	0.01	0.00	0.00
4	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
5	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
6	0.26	0.09	0.00	0.01	0.01	0.00	0.01	0.00	0.00
7	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
8	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
9	0.25	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
10	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
11	0.23	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
12	0.25	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
13	0.43	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
14	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
15	0.31	0.09	0.00	0.02	0.01	0.00	0.01	0.00	0.00
16	1.23	0.45	0.00	0.07	0.03	0.01	0.07	0.02	0.01
17	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
18	0.26	0.08	0.00	0.01	0.01	0.00	0.01	0.00	0.00
19	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
20	0.97	0.60	0.00	0.06	0.04	0.01	0.03	0.02	0.00
21	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
22	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
23	0.25	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
24	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
25	0.32	0.12	0.00	0.02	0.01	0.00	0.01	0.01	0.00
26	0.47	0.21	0.00	0.03	0.01	0.00	0.02	0.01	0.00
27	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
28	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
29	0.30	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
30	0.21	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
31	1.28	0.47	0.00	0.07	0.03	0.01	0.07	0.03	0.01
32	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
33	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
34	0.26	0.08	0.00	0.01	0.01	0.00	0.01	0.00	0.00
35	0.21	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
36	0.21	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
37	0.25	0.11	0.00	0.01	0.01	0.00	0.01	0.00	0.00
38	0.43	0.18	0.00	0.02	0.01	0.00	0.02	0.01	0.00
39	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
40	1.00	0.63	0.00	0.06	0.04	0.01	0.04	0.02	0.01
41	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
42	0.26	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
43	0.25	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
44	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
45	0.25	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
46	1.21	0.45	0.00	0.07	0.03	0.01	0.07	0.02	0.01
47	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
48	0.26	0.08	0.00	0.01	0.01	0.00	0.01	0.00	0.00
49	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
50	0.33	0.14	0.00	0.02	0.01	0.00	0.01	0.01	0.00
51	0.45	0.18	0.00	0.02	0.01	0.00	0.02	0.01	0.00
52	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
53	0.26	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
54	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
55	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
56	0.26	0.09	0.00	0.02	0.01	0.00	0.01	0.00	0.00
57	0.25	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
58	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
59	0.25	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
60	0.89	0.66	0.00	0.05	0.04	0.01	0.03	0.02	0.01
61	1.25	0.48	0.00	0.07	0.03	0.01	0.07	0.03	0.01
62	0.23	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
63	0.43	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
64	0.26	0.09	0.00	0.01	0.01	0.00	0.01	0.00	0.00
65	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
66	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
67	0.25	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
68	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
69	0.22	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
70	0.25	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
71	0.27	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
72	0.25	0.10	0.00	0.01	0.01	0.00	0.01	0.00	0.00
73	0.21	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
74	0.32	0.12	0.00	0.02	0.01	0.00	0.01	0.01	0.00
75	0.47	0.21	0.00	0.02	0.01	0.00	0.01	0.01	0.00
76	1.06	0.45	0.00	0.06	0.03	0.01	0.06	0.02	0.01
77	0.23	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
78	0.26	0.09	0.00	0.01	0.01	0.00	0.01	0.00	0.00
79	0.90	0.65	0.00	0.05	0.04	0.01	0.03	0.02	0.01
80	1.30	2.11	3.30	0.07	0.09	0.02	0.07	3.30	3.30

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.70	0.23	0.00	0.02	0.01	0.00	0.02	0.01	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.70	0.23	0.00	0.02	0.01	0.00	0.02	0.01	0.00
17	0.36	0.32	0.00	0.01	0.01	0.00	0.01	0.01	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.70	0.23	0.00	0.02	0.01	0.00	0.02	0.01	0.00
25	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.97	0.36	0.00	0.02	0.00	0.00	0.02	0.00	0.00
32	0.06	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.36	0.32	0.00	0.01	0.01	0.00	0.01	0.01	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	1.12	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	0.72	0.21	0.00	0.02	0.01	0.00	0.02	0.01	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.70	0.23	0.00	0.02	0.01	0.00	0.02	0.01	0.00
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	0.37	0.34	0.00	0.01	0.01	0.00	0.01	0.01	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	0.70	0.23	0.00	0.02	0.01	0.00	0.02	0.01	0.00
54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	4.51	9.62	0.00	0.01	0.02	0.01	0.01	0.01	0.00
61	0.30	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	1.12	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.37	0.34	0.00	0.01	0.01	0.00	0.01	0.01	0.00
66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	0.70	0.23	0.00	0.02	0.01	0.00	0.02	0.01	0.00
69	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.72	0.21	0.00	0.02	0.01	0.00	0.02	0.01	0.00
76	1.97	0.10	0.00	0.10	0.01	0.00	0.06	0.00	0.00
77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.21	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.12	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00
2	0.28	0.15	0.00	0.01	0.00	0.00	0.01	0.00	0.00
3	0.31	0.15	0.00	0.01	0.00	0.00	0.01	0.00	0.00
4	0.36	0.15	0.00	0.01	0.01	0.00	0.01	0.01	0.00
5	0.51	0.30	0.00	0.02	0.01	0.00	0.02	0.01	0.00
6	0.37	0.14	0.00	0.02	0.01	0.00	0.01	0.00	0.00
7	0.37	0.18	0.00	0.02	0.01	0.00	0.01	0.01	0.00
8	0.76	0.61	0.00	0.03	0.02	0.01	0.02	0.02	0.01
9	0.48	0.26	0.00	0.02	0.01	0.00	0.02	0.01	0.00
10	1.18	1.43	0.00	0.05	0.03	0.01	0.03	0.01	0.00
11	0.51	0.21	0.00	0.02	0.01	0.00	0.02	0.01	0.00
12	0.39	0.16	0.00	0.02	0.01	0.00	0.01	0.01	0.00
13	0.43	0.21	0.00	0.02	0.01	0.00	0.02	0.01	0.00
14	0.39	0.18	0.00	0.02	0.01	0.00	0.01	0.01	0.00
15	0.57	0.27	0.00	0.02	0.01	0.00	0.02	0.01	0.00
16	1.19	0.76	0.00	0.04	0.02	0.01	0.04	0.02	0.01
17	0.46	0.27	0.00	0.02	0.01	0.00	0.01	0.01	0.00
18	0.36	0.16	0.00	0.01	0.00	0.00	0.01	0.00	0.00
19	0.78	1.27	0.00	0.02	0.02	0.01	0.02	0.02	0.00
20	2.48	1.30	0.00	0.07	0.02	0.01	0.05	0.01	0.00
21	0.66	0.34	0.00	0.03	0.02	0.01	0.03	0.01	0.00
22	0.37	0.16	0.00	0.01	0.01	0.00	0.01	0.01	0.00
23	0.39	0.16	0.00	0.02	0.01	0.00	0.01	0.00	0.00
24	0.83	0.66	0.00	0.03	0.02	0.01	0.02	0.02	0.01
25	0.76	0.45	0.00	0.03	0.02	0.01	0.03	0.02	0.01
26	0.66	0.45	0.00	0.02	0.01	0.00	0.02	0.01	0.00
27	0.38	0.17	0.00	0.02	0.01	0.00	0.01	0.01	0.00
28	0.37	0.17	0.00	0.02	0.01	0.00	0.01	0.01	0.00
29	0.45	0.22	0.00	0.02	0.01	0.00	0.01	0.01	0.00
30	6.77	7.06	0.00	0.16	2.17	0.05	0.09	0.09	0.03
31	1.68	1.28	0.00	0.05	0.03	0.01	0.05	0.03	0.01
32	0.40	0.17	0.00	0.02	0.01	0.00	0.01	0.01	0.00
33	0.49	0.29	0.00	0.02	0.01	0.00	0.01	0.01	0.00
34	0.58	0.28	0.00	0.02	0.01	0.00	0.02	0.01	0.00
35	0.45	0.19	0.00	0.02	0.01	0.00	0.01	0.01	0.00
36	0.41	0.18	0.00	0.02	0.01	0.00	0.01	0.01	0.00
37	0.76	1.20	0.00	0.02	0.02	0.01	0.02	0.01	0.00
38	0.50	0.22	0.00	0.02	0.01	0.00	0.02	0.01	0.00
39	2.58	1.80	0.00	0.06	0.04	0.01	0.04	0.03	0.01
40	0.75	0.37	0.00	0.03	0.01	0.00	0.03	0.01	0.00
41	0.75	0.39	0.00	0.03	0.02	0.00	0.03	0.01	0.00
42	0.40	0.17	0.00	0.02	0.01	0.00	0.01	0.01	0.00
43	0.58	0.32	0.00	0.02	0.01	0.00	0.02	0.01	0.00
44	0.40	0.15	0.00	0.02	0.01	0.00	0.01	0.01	0.00
45	0.41	0.18	0.00	0.02	0.01	0.00	0.01	0.01	0.00
46	1.20	0.76	0.00	0.04	0.02	0.01	0.04	0.02	0.01
47	0.46	0.21	0.00	0.02	0.01	0.00	0.01	0.01	0.00
48	2.19	1.58	0.00	0.06	0.03	0.01	0.03	0.02	0.01
49	0.68	0.45	0.00	0.03	0.01	0.00	0.02	0.02	0.00
50	0.56	0.29	0.00	0.02	0.01	0.00	0.02	0.01	0.00
51	0.80	0.46	0.00	0.03	0.01	0.00	0.02	0.01	0.00
52	0.56	0.27	0.00	0.02	0.01	0.00	0.02	0.01	0.00
53	0.88	0.68	0.00	0.03	0.02	0.01	0.03	0.02	0.01
54	0.40	0.16	0.00	0.02	0.01	0.00	0.01	0.01	0.00
55	0.77	1.24	0.00	0.02	0.02	0.01	0.02	0.01	0.00
56	0.44	0.17	0.00	0.02	0.01	0.00	0.01	0.01	0.00
57	1.24	1.51	0.00	0.05	0.03	0.01	0.03	0.02	0.00
58	0.48	0.27	0.00	0.02	0.01	0.00	0.02	0.01	0.00
59	5.00	7.82	0.00	0.12	0.18	0.06	0.07	0.09	0.03
60	0.68	0.34	0.00	0.03	0.01	0.00	0.02	0.01	0.00
61	3.99	2.87	0.00	0.18	0.15	0.05	0.17	0.14	0.05
62	0.39	0.15	0.00	0.02	0.01	0.00	0.01	0.00	0.00
63	0.45	0.21	0.00	0.02	0.01	0.00	0.01	0.01	0.00
64	0.40	0.16	0.00	0.02	0.01	0.00	0.01	0.01	0.00
65	0.48	0.29	0.00	0.02	0.01	0.00	0.02	0.01	0.00
66	2.16	1.53	0.00	0.05	0.03	0.01	0.03	0.02	0.01
67	0.47	0.29	0.00	0.02	0.01	0.00	0.02	0.01	0.00
68	0.83	0.65	0.00	0.03	0.02	0.01	0.02	0.02	0.01
69	0.40	0.17	0.00	0.02	0.01	0.00	0.01	0.00	0.00
70	0.39	0.17	0.00	0.02	0.01	0.00	0.01	0.01	0.00
71	0.59	0.28	0.00	0.02	0.01	0.00	0.02	0.01	0.00
72	0.41	0.15	0.00	0.02	0.01	0.00	0.01	0.01	0.00
73	0.98	1.25	0.00	0.03	0.02	0.01	0.02	0.02	0.00
74	0.53	0.28	0.00	0.02	0.01	0.00	0.01	0.01	0.00
75	2.66	1.80	0.00	0.06	0.04	0.01	0.06	0.03	0.01
76	2.32	0.86	0.00	0.11	0.04	0.01	0.07	0.03	0.01
77	0.41	0.18	0.00	0.02	0.01	0.00	0.01	0.01	0.00
78	0.43	0.18	0.00	0.02	0.01	0.00	0.01	0.00	0.00
79	0.73	0.33	0.00	0.03	0.01	0.00	0.03	0.01	0.00
80									

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.12	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00
2	0.28	0.15	0.00	0.01	0.00	0.00	0.01	0.00	0.00
3	0.31	0.15	0.00	0.01	0.00	0.00	0.01	0.00	0.00
4	0.34	0.15	0.00	0.01	0.01	0.00	0.01	0.01	0.00
5	0.35	0.16	0.00	0.02	0.01	0.00	0.01	0.01	0.00
6	0.37	0.14	0.00	0.02	0.01	0.00	0.01	0.00	0.00
7	0.37	0.18	0.00	0.02	0.01	0.00	0.01	0.01	0.00
8	0.31	0.15	0.00	0.01	0.00	0.00	0.01	0.00	0.00
9	0.44	0.20	0.00	0.02	0.01	0.00	0.02	0.01	0.00
10	0.37	0.17	0.00	0.02	0.01	0.00	0.01	0.01	0.00
11	0.48	0.19	0.00	0.02	0.01	0.00	0.02	0.01	0.00
12	0.37	0.16	0.00	0.02	0.01	0.00	0.01	0.01	0.00
13	0.41	0.21	0.00	0.02	0.01	0.00	0.02	0.01	0.00
14	0.37	0.15	0.00	0.02	0.01	0.00	0.01	0.01	0.00
15	0.40	0.15	0.00	0.02	0.01	0.00	0.01	0.00	0.00
16	0.65	0.23	0.00	0.03	0.01	0.00	0.03	0.01	0.00
17	0.40	0.20	0.00	0.02	0.01	0.00	0.01	0.01	0.00
18	0.33	0.15	0.00	0.01	0.00	0.00	0.01	0.00	0.00
19	0.38	0.19	0.00	0.02	0.01	0.00	0.01	0.01	0.00
20	0.63	0.29	0.00	0.03	0.01	0.00	0.02	0.01	0.00
21	0.51	0.18	0.00	0.02	0.01	0.00	0.02	0.01	0.00
22	0.34	0.14	0.00	0.01	0.00	0.00	0.01	0.01	0.00
23	0.35	0.15	0.00	0.02	0.00	0.00	0.01	0.00	0.00
24	0.36	0.15	0.00	0.02	0.01	0.00	0.01	0.01	0.00
25	0.54	0.31	0.00	0.02	0.01	0.00	0.02	0.01	0.00
26	0.63	0.44	0.00	0.02	0.01	0.00	0.02	0.01	0.00
27	0.35	0.15	0.00	0.01	0.00	0.00	0.01	0.00	0.00
28	0.34	0.16	0.00	0.01	0.01	0.00	0.01	0.01	0.00
29	0.39	0.15	0.00	0.02	0.01	0.00	0.01	0.01	0.00
30	0.36	0.14	0.00	0.02	0.00	0.00	0.01	0.00	0.00
31	0.76	0.25	0.00	0.04	0.01	0.00	0.03	0.01	0.00
32	0.33	0.15	0.00	0.01	0.00	0.00	0.01	0.00	0.00
33	0.41	0.21	0.00	0.02	0.01	0.00	0.01	0.01	0.00
34	0.38	0.15	0.00	0.02	0.01	0.00	0.01	0.01	0.00
35	0.38	0.15	0.00	0.02	0.01	0.00	0.01	0.00	0.00
36	0.36	0.16	0.00	0.02	0.01	0.00	0.01	0.01	0.00
37	0.34	0.18	0.00	0.01	0.01	0.00	0.01	0.01	0.00
38	0.43	0.18	0.00	0.02	0.01	0.00	0.02	0.01	0.00
39	0.36	0.15	0.00	0.02	0.01	0.00	0.01	0.00	0.00
40	0.58	0.26	0.00	0.03	0.01	0.00	0.02	0.01	0.00
41	0.51	0.20	0.00	0.02	0.01	0.00	0.02	0.01	0.00
42	0.36	0.15	0.00	0.02	0.01	0.00	0.01	0.00	0.00
43	0.37	0.19	0.00	0.02	0.01	0.00	0.01	0.01	0.00
44	0.37	0.14	0.00	0.02	0.01	0.00	0.01	0.00	0.00
45	0.37	0.15	0.00	0.02	0.00	0.00	0.01	0.00	0.00
46	0.60	0.22	0.00	0.03	0.01	0.00	0.03	0.01	0.00
47	0.38	0.15	0.00	0.02	0.01	0.00	0.01	0.01	0.00
48	0.37	0.15	0.00	0.02	0.01	0.00	0.01	0.01	0.00
49	0.46	0.29	0.00	0.02	0.01	0.00	0.02	0.01	0.00
50	0.47	0.23	0.00	0.02	0.01	0.00	0.02	0.01	0.00
51	0.71	0.42	0.00	0.03	0.01	0.00	0.02	0.01	0.00
52	0.35	0.15	0.00	0.01	0.01	0.00	0.01	0.01	0.00
53	0.39	0.14	0.00	0.02	0.00	0.00	0.01	0.01	0.00
54	0.36	0.16	0.00	0.01	0.00	0.00	0.01	0.00	0.00
55	0.36	0.19	0.00	0.02	0.01	0.00	0.01	0.01	0.00
56	0.39	0.14	0.00	0.02	0.01	0.00	0.01	0.01	0.00
57	0.48	0.21	0.00	0.02	0.01	0.00	0.01	0.01	0.00
58	0.34	0.14	0.00	0.01	0.01	0.00	0.01	0.00	0.00
59	0.36	0.14	0.00	0.02	0.00	0.00	0.01	0.00	0.00
60	0.59	0.24	0.00	0.03	0.01	0.00	0.02	0.01	0.00
61	0.78	0.29	0.00	0.04	0.02	0.01	0.03	0.02	0.01
62	0.36	0.14	0.00	0.02	0.00	0.00	0.01	0.00	0.00
63	0.40	0.17	0.00	0.02	0.01	0.00	0.01	0.01	0.00
64	0.34	0.16	0.00	0.01	0.01	0.00	0.01	0.01	0.00
65	0.42	0.20	0.00	0.02	0.01	0.00	0.01	0.01	0.00
66	0.37	0.15	0.00	0.02	0.01	0.00	0.01	0.01	0.00
67	0.36	0.19	0.00	0.02	0.01	0.00	0.01	0.01	0.00
68	0.36	0.15	0.00	0.02	0.00	0.00	0.01	0.01	0.00
69	0.35	0.16	0.00	0.02	0.01	0.00	0.01	0.00	0.00
70	0.36	0.15	0.00	0.02	0.01	0.00	0.01	0.01	0.00
71	0.50	0.21	0.00	0.02	0.01	0.00	0.02	0.01	0.00
72	0.35	0.15	0.00	0.02	0.01	0.00	0.0	01	0.00
73	0.45	0.23	0.00	0.02	0.01	0.00	0.0	01	0.00
74	0.47	0.20	0.00	0.02	0.01	0.00	0.0	.01	0.00
75	0.42	0.18	0.00	0.02	0.01	0.00	0.02	0.01	0.00
76	0.56	0.28	0.00	0.03	0.02	0.00	0.02	0.02	0.00
77	0.34	0.15	0.00	0.01	0.00	0.00	0.01	0.01	0.00
78	0.35	0.15	0.00	0.02	0.00	0.00	0.01	0.00	0.00
79	0.63	0.29	0.00	0.03	0.01	0.00	0.02	0.01	0.00
80	0.36	0.16	0.00	0.02	0.01	0.00	0.01	0.01	0.00

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.01	0.03	0.00	0.00	0.00	0.00	5.00	0.00	0.00
5	0.15	0.32	0.00	0.00	0.01	0.00	0.00	0.01	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.45	2.57	0.00	0.01	0.01	0.00	0.01	0.01	0.00
9	0.05	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	1.61	1.46	0.00	0.04	0.03	0.01	0.02	0.01	0.00
11	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.18	0.32	0.00	0.00	0.01	0.00	0.00	0.01	0.00
16	0.54	0.64	0.00	0.01	0.02	0.00	0.01	0.02	0.00
17	0.06	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.40	1.11	0.00	0.01	0.01	0.00	0.00	0.01	0.00
20	1.85	1.46	0.00	0.04	0.03	0.01	0.02	0.02	0.00
21	0.16	0.18	0.00	0.01	0.01	0.00	0.01	0.01	0.00
22	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.47	0.58	0.00	0.01	0.02	0.00	0.01	0.01	0.00
25	0.22	0.33	0.00	0.01	0.01	0.00	0.00	0.01	0.00
26	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.06	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	5.42	6.97	0.00	0.14	0.17	0.05	0.07	0.08	0.03
31	0.92	1.15	0.00	0.02	0.02	0.01	0.01	0.02	0.01
32	0.07	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.08	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.20	0.31	0.00	0.00	0.01	0.00	0.00	0.01	0.00
35	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.42	1.08	0.00	0.01	0.01	0.00	0.00	0.01	0.00
38	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	2.22	1.83	0.00	0.05	0.04	0.01	0.03	0.02	0.01
40	0.17	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.24	0.27	0.00	0.01	0.01	0.00	0.01	0.01	0.00
42	0.04	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.21	0.31	0.00	0.00	0.01	0.00	0.00	0.01	0.00
44	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.05	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.60	0.68	0.00	0.01	0.02	0.01	0.01	0.02	0.01
47	0.08	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	1.83	1.62	0.00	0.03	0.03	0.01	0.02	0.02	0.01
49	0.22	0.21	0.00	0.01	0.01	0.00	0.00	0.01	0.00
50	0.09	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	0.21	0.31	0.00	0.00	0.01	0.00	0.00	0.01	0.00
53	0.50	0.62	0.00	0.01	0.02	0.01	0.01	0.02	0.00
54	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.41	1.10	0.00	0.01	0.01	0.00	0.00	0.01	0.00
56	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	1.84	1.60	0.00	0.03	0.03	0.01	0.02	0.02	0.01
58	0.14	0.14	0.00	0.00	0.01	0.00	0.00	0.01	0.00
59	4.64	7.74	0.00	0.11	0.18	0.05	0.05	0.09	0.03
60	0.09	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	3.29	3.03	0.00	0.14	0.15	0.05	0.14	0.15	0.05
62	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.06	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	1.79	1.57	0.00	0.03	0.03	0.01	0.02	0.02	0.01
67	0.10	0.14	0.00	0.00	0.01	0.00	0.00	0.01	0.00
68	0.47	0.58	0.00	0.01	0.02	0.00	0.01	0.02	0.00
69	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	0.09	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72	0.06	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	0.45	1.12	0.00	0.01	0.01	0.00	0.01	0.01	0.00
74	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	2.23	1.83	0.00	0.05	0.04	0.01	0.03	0.03	0.01
76	1.77	0.79	0.00	0.05	0.04	0.01	0.04	0.02	0.01
77	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.08	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.10	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.20	0.13	0.00	0.01	0.01	0.01	0.01	0.00	0.00
2	0.36	0.17	0.00	0.02	0.01	0.01	0.01	0.01	0.00
3	0.39	0.18	0.00	0.02	0.01	0.01	0.02	0.01	0.00
4	0.49	0.21	0.00	0.02	0.01	0.01	0.02	0.01	0.01
5	0.56	0.24	0.00	0.03	0.01	0.01	0.02	0.01	0.01
6	0.57	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
7	0.56	0.22	0.00	0.03	0.01	0.01	0.02	0.01	0.01
8	1.31	0.49	0.00	0.05	0.02	0.01	0.04	0.01	0.01
9	1.21	0.52	0.00	0.04	0.01	0.01	0.03	0.01	0.01
10	1.19	1.06	0.00	0.04	0.02	0.01	0.03	0.01	0.01
11	0.82	0.28	0.00	0.03	0.01	0.01	0.03	0.01	0.01
12	0.68	0.27	0.00	0.03	0.01	0.01	0.02	0.01	0.01
13	1.21	0.47	0.00	0.05	0.02	0.01	0.05	0.02	0.01
14	0.65	0.25	0.00	0.03	0.01	0.01	0.02	0.01	0.01
15	0.74	0.30	0.00	0.03	0.01	0.01	0.03	0.01	0.01
16	1.12	0.54	0.00	0.05	0.02	0.01	0.05	0.02	0.01
17	1.04	0.47	0.00	0.04	0.01	0.01	0.03	0.01	0.01
18	0.71	0.35	0.00	0.03	0.01	0.01	0.02	0.01	0.01
19	1.37	0.70	0.00	0.04	0.01	0.01	0.03	0.01	0.01
20	1.39	0.97	0.00	0.05	0.03	0.02	0.05	0.02	0.01
21	1.49	0.56	0.00	0.06	0.03	0.02	0.05	0.03	0.02
22	0.75	0.36	0.00	0.03	0.01	0.01	0.02	0.01	0.01
23	0.71	0.36	0.00	0.03	0.01	0.01	0.02	0.01	0.01
24	1.52	0.60	0.00	0.05	0.02	0.01	0.05	0.02	0.01
25	1.16	0.44	0.00	0.05	0.01	0.01	0.04	0.01	0.01
26	1.40	0.70	0.00	0.05	0.02	0.01	0.05	0.02	0.01
27	0.66	0.28	0.00	0.03	0.01	0.01	0.02	0.01	0.01
28	0.77	0.36	0.00	0.03	0.01	0.01	0.02	0.01	0.01
29	1.17	0.52	0.00	0.04	0.01	0.01	0.03	0.01	0.01
30	3.82	10.20	0.00	0.09	0.24	0.15	0.06	0.12	0.07
31	2.46	0.88	0.00	0.07	0.02	0.01	0.06	0.02	0.01
32	0.82	0.39	0.00	0.03	0.01	0.01	0.02	0.01	0.01
33	1.05	0.46	0.00	0.04	0.01	0.01	0.03	0.01	0.01
34	0.80	0.32	0.00	0.03	0.01	0.01	0.03	0.01	0.01
35	0.96	0.43	0.00	0.03	0.01	0.01	0.02	0.01	0.01
36	0.96	0.45	0.00	0.03	0.01	0.01	0.02	0.01	0.01
37	1.61	0.70	0.00	0.04	0.01	0.01	0.04	0.01	0.01
38	1.38	0.59	0.00	0.05	0.02	0.01	0.05	0.02	0.01
39	1.26	0.99	0.00	0.06	0.02	0.01	0.05	0.02	0.01
40	1.91	1.00	0.00	0.05	0.03	0.02	0.04	0.02	0.01
41	2.81	0.99	0.00	0.09	0.04	0.02	0.08	0.04	0.02
42	0.73	0.24	0.00	0.03	0.01	0.01	0.02	0.01	0.01
43	0.86	0.39	0.00	0.03	0.01	0.01	0.03	0.01	0.01
44	0.83	0.36	0.00	0.03	0.01	0.01	0.02	0.01	0.01
45	0.90	0.41	0.00	0.03	0.01	0.01	0.03	0.01	0.01
46	1.33	0.75	0.00	0.06	0.02	0.01	0.05	0.02	0.01
47	1.11	0.61	0.00	0.03	0.01	0.01	0.03	0.01	0.01
48	1.68	1.10	0.00	0.04	0.03	0.02	0.03	0.02	0.01
49	1.50	0.49	0.00	0.05	0.01	0.01	0.03	0.01	0.01
50	1.20	0.64	0.00	0.04	0.02	0.01	0.03	0.01	0.01
51	1.82	0.84	0.00	0.06	0.02	0.01	0.05	0.02	0.01
52	0.95	0.51	0.00	0.03	0.01	0.01	0.02	0.01	0.01
53	1.83	0.75	0.00	0.05	0.02	0.01	0.05	0.02	0.01
54	1.03	0.56	0.00	0.03	0.01	0.01	0.02	0.01	0.01
55	1.77	0.74	0.00	0.04	0.02	0.01	0.04	0.01	0.01
56	1.07	0.51	0.00	0.03	0.01	0.01	0.03	0.01	0.01
57	2.02	1.46	0.00	0.05	0.03	0.02	0.04	0.02	0.01
58	1.00	0.52	0.00	0.03	0.01	0.01	0.02	0.01	0.01
59	4.07	10.20	0.00	0.10	0.24	0.15	0.06	0.12	0.08
60	1.47	0.63	0.00	0.04	0.02	0.01	0.04	0.01	0.01
61	2.11	0.96	0.00	0.07	0.03	0.02	0.06	0.03	0.02
62	0.79	0.33	0.00	0.03	0.01	0.01	0.02	0.01	0.00
63	1.16	0.57	0.00	0.05	0.02	0.01	0.04	0.02	0.01
64	0.77	0.26	0.00	0.03	0.01	0.01	0.02	0.01	0.01
65	1.53	0.51	0.00	0.05	0.01	0.01	0.03	0.01	0.01
66	1.48	0.95	0.00	0.04	0.02	0.01	0.03	0.01	0.01
67	0.79	0.36	0.00	0.03	0.01	0.01	0.02	0.01	0.01
68	1.68	0.63	0.00	0.05	0.02	0.01	0.04	0.02	0.01
69	0.88	0.38	0.00	0.03	0.01	0.01	0.02	0.01	0.01
70	2.47	2.28	0.00	0.05	0.03	0.02	0.04	0.01	0.01
71	1.26	0.63	0.00	0.04	0.01	0.01	0.03	0.01	0.01
72	0.86	0.28	0.00	0.03	0.01	0.01	0.02	0.01	0.01
73	1.59	0.53	0.00	0.05	0.01	0.01	0.04	0.01	0.01
74	0.97	0.43	0.00	0.03	0.01	0.01	0.03	0.01	0.01
75	2.64	1.85	0.00	0.08	0.03	0.02	0.07	0.02	0.01
76	1.94	1.07	0.00	0.05	0.03	0.02	0.	02	0.01
77	1.66	1.18	0.00	0.04	0.02	0.01	0.	01	0.01
78	1.03	0.53	0.00	0.03	0.01	0.01	0.02	0.01	0.01
79	1.81	0.80	0.00	0.04	0.02	0.01	0.04	0.01	0.01
80	1.86	2.52	0.00	0.03	0.01	0.01	0.03	0.01	0.01

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.20	0.13	0.00	0.01	0.01	0.01	0.01	0.00	0.00
2	0.35	0.17	0.00	0.02	0.01	0.01	0.01	0.01	0.00
3	0.39	0.18	0.00	0.02	0.01	0.01	0.02	0.01	0.00
4	0.49	0.21	0.00	0.02	0.01	0.01	0.02	0.01	0.01
5	0.56	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
6	0.56	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
7	0.56	0.22	0.00	0.03	0.01	0.01	0.02	0.01	0.01
8	0.51	0.23	0.00	0.02	0.01	0.01	0.02	0.01	0.01
9	0.52	0.21	0.00	0.03	0.01	0.01	0.02	0.01	0.00
10	0.52	0.26	0.00	0.03	0.01	0.01	0.02	0.01	0.01
11	0.59	0.24	0.00	0.03	0.01	0.01	0.03	0.01	0.01
12	0.59	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
13	1.04	0.45	0.00	0.05	0.02	0.01	0.04	0.02	0.01
14	0.58	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
15	0.63	0.25	0.00	0.03	0.01	0.01	0.02	0.01	0.01
16	0.70	0.29	0.00	0.03	0.01	0.01	0.03	0.01	0.01
17	0.57	0.20	0.00	0.03	0.01	0.01	0.02	0.01	0.00
18	0.58	0.21	0.00	0.02	0.01	0.01	0.02	0.01	0.01
19	0.59	0.22	0.00	0.03	0.01	0.01	0.02	0.01	0.01
20	1.04	0.32	0.00	0.04	0.02	0.01	0.04	0.01	0.01
21	0.80	0.49	0.00	0.04	0.03	0.02	0.03	0.03	0.02
22	0.51	0.22	0.00	0.02	0.01	0.01	0.02	0.01	0.00
23	0.49	0.21	0.00	0.02	0.01	0.01	0.02	0.01	0.00
24	0.59	0.25	0.00	0.03	0.01	0.01	0.02	0.01	0.01
25	0.74	0.32	0.00	0.04	0.02	0.01	0.03	0.01	0.01
26	1.16	0.54	0.00	0.06	0.02	0.01	0.06	0.02	0.01
27	0.53	0.22	0.00	0.02	0.01	0.01	0.02	0.01	0.01
28	0.56	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
29	0.52	0.20	0.00	0.03	0.01	0.01	0.02	0.01	0.00
30	0.59	0.25	0.00	0.03	0.01	0.01	0.02	0.01	0.01
31	0.76	0.28	0.00	0.04	0.01	0.01	0.03	0.01	0.01
32	0.50	0.20	0.00	0.02	0.01	0.01	0.02	0.01	0.00
33	0.56	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
34	0.56	0.22	0.00	0.03	0.01	0.01	0.02	0.01	0.01
35	0.58	0.25	0.00	0.03	0.01	0.01	0.02	0.01	0.01
36	0.57	0.24	0.00	0.03	0.01	0.01	0.02	0.01	0.01
37	0.50	0.21	0.00	0.03	0.01	0.01	0.02	0.01	0.00
38	1.00	0.44	0.00	0.05	0.02	0.01	0.04	0.02	0.01
39	0.56	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
40	0.93	0.38	0.00	0.04	0.01	0.01	0.03	0.01	0.01
41	0.66	0.46	0.00	0.03	0.02	0.01	0.03	0.02	0.01
42	0.56	0.22	0.00	0.03	0.01	0.01	0.02	0.01	0.01
43	0.59	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
44	0.54	0.20	0.00	0.03	0.01	0.01	0.02	0.01	0.00
45	0.59	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
46	0.63	0.26	0.00	0.03	0.01	0.01	0.02	0.01	0.01
47	0.58	0.24	0.00	0.03	0.01	0.01	0.02	0.01	0.01
48	0.60	0.24	0.00	0.03	0.01	0.01	0.02	0.01	0.01
49	0.53	0.22	0.00	0.03	0.01	0.01	0.02	0.01	0.00
50	0.65	0.33	0.00	0.03	0.02	0.01	0.03	0.01	0.01
51	1.18	0.49	0.00	0.06	0.02	0.01	0.06	0.02	0.01
52	0.50	0.21	0.00	0.02	0.01	0.01	0.02	0.01	0.01
53	0.62	0.26	0.00	0.03	0.01	0.01	0.02	0.01	0.01
54	0.59	0.24	0.00	0.03	0.01	0.01	0.02	0.01	0.01
55	0.64	0.25	0.00	0.03	0.01	0.01	0.02	0.01	0.01
56	0.62	0.22	0.00	0.03	0.01	0.01	0.02	0.01	0.01
57	0.54	0.18	0.00	0.03	0.01	0.01	0.02	0.01	0.00
58	0.54	0.22	0.00	0.03	0.01	0.01	0.02	0.01	0.01
59	0.58	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
60	0.96	0.27	0.00	0.04	0.01	0.01	0.03	0.01	0.01
61	0.86	0.45	0.00	0.04	0.02	0.02	0.04	0.02	0.02
62	0.47	0.19	0.00	0.02	0.01	0.01	0.02	0.01	0.00
63	0.91	0.44	0.00	0.05	0.02	0.01	0.04	0.02	0.01
64	0.57	0.22	0.00	0.03	0.01	0.01	0.02	0.01	0.01
65	0.64	0.29	0.00	0.03	0.01	0.01	0.02	0.01	0.01
66	0.61	0.25	0.00	0.03	0.01	0.01	0.02	0.01	0.01
67	0.53	0.19	0.00	0.03	0.01	0.01	0.02	0.01	0.00
68	0.60	0.26	0.00	0.03	0.01	0.01	0.02	0.01	0.01
69	0.57	0.21	0.00	0.03	0.01	0.01	0.02	0.01	0.00
70	0.56	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
71	0.66	0.25	0.00	0.03	0.01	0.01	0.02	0.01	0.01
72	0.52	0.22	0.00	0.02	0.01	0.01	0.02	0.01	0.01
73	0.64	0.24	0.00	0.03	0.01	0.01	0.02	0.01	0.01
74	0.62	0.26	0.00	0.03	0.01	0.01	0.02	0.01	0.01
75	1.00	0.45	0.00	0.05	0.02	0.01	0.04	0.02	0.01
76	0.76	0.34	0.00	0.03	0.02	0.01	0.03	0.01	0.01
77	0.60	0.25	0.00	0.03	0.01	0.01	0.02	0.01	0.01
78	0.54	0.23	0.00	0.03	0.01	0.01	0.02	0.01	0.01
79	0.80	0.33	0.00	0.04	0.02	0.01	0.03	0.01	0.01
80	0.53	0.24	0.00	0.03	0.01	0.01	0.02	0.01	0.01

Estimated CONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.02	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.81	0.40	0.00	0.02	0.01	0.01	0.02	0.01	0.01
9	0.59	0.56	0.00	0.01	0.01	0.01	0.01	0.01	0.00
10	0.57	0.97	0.00	0.01	0.02	0.01	0.01	0.01	0.01
11	0.12	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.11	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	1.02	0.48	0.00	0.02	0.01	0.01	0.02	0.01	0.01
17	0.78	0.47	0.00	0.01	0.01	0.01	0.01	0.01	0.00
18	0.21	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.79	0.66	0.00	0.01	0.01	0.01	0.01	0.01	0.01
20	1.35	1.00	0.00	0.02	0.02	0.01	0.01	0.01	0.01
21	0.69	0.32	0.00	0.02	0.01	0.01	0.02	0.01	0.01
22	0.24	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.22	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	1.03	0.46	0.00	0.02	0.01	0.01	0.02	0.01	0.01
25	0.82	0.48	0.00	0.01	0.01	0.01	0.01	0.01	0.00
26	0.24	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.22	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.56	0.38	0.00	0.01	0.01	0.00	0.00	0.00	0.00
30	3.23	10.10	0.00	0.07	0.23	0.15	0.04	0.12	0.07
31	1.71	0.69	0.00	0.03	0.01	0.01	0.03	0.01	0.01
32	0.32	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.90	0.48	0.00	0.02	0.01	0.01	0.01	0.01	0.00
34	0.24	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.37	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.39	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	1.01	0.57	0.00	0.01	0.01	0.01	0.01	0.01	0.01
38	0.38	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	1.70	0.91	0.00	0.04	0.02	0.01	0.03	0.01	0.01
40	0.98	0.86	0.00	0.02	0.01	0.01	0.01	0.01	0.00
41	2.15	0.89	0.00	0.06	0.03	0.02	0.06	0.03	0.02
42	0.17	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.30	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.29	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.32	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	1.31	0.59	0.00	0.03	0.01	0.01	0.03	0.01	0.01
47	0.53	0.42	0.00	0.01	0.00	0.00	0.01	0.00	0.00
48	1.09	0.96	0.00	0.02	0.02	0.01	0.01	0.01	0.01
49	0.87	0.53	0.00	0.02	0.01	0.01	0.01	0.00	0.00
50	0.56	0.42	0.00	0.01	0.00	0.00	0.01	0.00	0.00
51	0.64	0.42	0.00	0.01	0.00	0.00	0.01	0.00	0.00
52	0.45	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	1.21	0.58	0.00	0.02	0.01	0.01	0.02	0.01	0.01
54	0.44	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	1.13	0.66	0.00	0.02	0.01	0.01	0.01	0.01	0.01
56	0.45	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	1.48	1.44	0.00	0.03	0.03	0.02	0.01	0.01	0.01
58	0.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	3.49	10.10	0.00	0.07	0.23	0.14	0.04	0.12	0.07
60	0.51	0.45	0.00	0.00	0.01	0.00	0.00	0.00	0.00
61	1.27	0.63	0.00	0.02	0.02	0.01	0.02	0.02	0.01
62	0.32	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.25	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.20	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.89	0.51	0.00	0.02	0.01	0.01	0.01	0.01	0.00
66	0.87	0.86	0.00	0.01	0.02	0.01	0.01	0.01	0.01
67	0.26	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	1.07	0.47	0.00	0.02	0.01	0.01	0.02	0.01	0.01
69	0.30	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	1.91	2.43	0.00	0.03	0.04	0.02	0.02	0.02	0.01
71	0.61	0.49	0.00	0.01	0.01	0.00	0.00	0.00	0.00
72	0.16	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	1.56	0.65	0.00	0.03	0.02	0.01	0.02	0.01	0.01
74	0.34	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	1.65	0.86	0.00	0.03	0.02	0.01	0.02	0.01	0.01
76	1.18	0.76	0.00	0.02	0.01	0.01	0.01	0.01	0.00
77	1.05	1.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00
78	0.68	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.21	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.55	0.12	0.00	0.03	0.01	0.00	0.03	0.01	0.00
3	0.68	0.14	0.00	0.04	0.01	0.00	0.03	0.01	0.00
4	0.88	0.21	0.00	0.05	0.01	0.00	0.04	0.01	0.00
5	1.50	0.50	0.00	0.07	0.02	0.01	0.07	0.02	0.01
6	1.04	0.28	0.00	0.05	0.01	0.00	0.05	0.01	0.00
7	0.98	0.25	0.00	0.04	0.01	0.00	0.04	0.01	0.00
8	3.38	0.96	0.00	0.11	0.03	0.01	0.11	0.03	0.01
9	1.95	0.56	0.00	0.07	0.02	0.01	0.07	0.02	0.01
10	1.28	0.30	0.00	0.05	0.01	0.01	0.05	0.01	0.01
11	1.70	0.36	0.00	0.05	0.01	0.00	0.05	0.01	0.00
12	1.39	0.38	0.00	0.05	0.01	0.01	0.05	0.01	0.01
13	2.33	0.50	0.00	0.10	0.02	0.01	0.09	0.02	0.01
14	1.32	0.36	0.00	0.05	0.01	0.01	0.05	0.01	0.01
15	1.51	0.40	0.00	0.05	0.02	0.01	0.05	0.01	0.01
16	5.31	2.09	0.00	0.20	0.08	0.03	0.20	0.08	0.03
17	2.06	0.75	0.00	0.07	0.02	0.01	0.07	0.02	0.01
18	1.35	0.43	0.00	0.05	0.01	0.00	0.04	0.01	0.00
19	1.96	0.58	0.00	0.06	0.02	0.01	0.06	0.02	0.01
20	3.44	0.56	0.00	0.11	0.03	0.01	0.11	0.03	0.01
21	2.83	0.76	0.00	0.10	0.03	0.01	0.10	0.03	0.01
22	1.48	0.47	0.00	0.05	0.01	0.00	0.05	0.01	0.00
23	1.39	0.51	0.00	0.05	0.01	0.00	0.04	0.01	0.00
24	3.33	1.11	0.00	0.12	0.03	0.01	0.11	0.03	0.01
25	2.31	0.76	0.00	0.09	0.03	0.01	0.08	0.03	0.01
26	2.26	0.45	0.00	0.08	0.02	0.01	0.08	0.02	0.01
27	1.39	0.35	0.00	0.05	0.01	0.00	0.04	0.01	0.00
28	1.36	0.37	0.00	0.05	0.01	0.00	0.05	0.01	0.00
29	2.23	0.56	0.00	0.08	0.02	0.01	0.08	0.02	0.01
30	1.29	0.38	0.00	0.05	0.02	0.01	0.05	0.02	0.01
31	9.64	3.16	0.00	0.23	0.09	0.03	0.22	0.08	0.03
32	1.33	0.36	0.00	0.05	0.01	0.00	0.04	0.01	0.00
33	2.18	0.80	0.00	0.08	0.03	0.01	0.08	0.03	0.01
34	1.53	0.34	0.00	0.05	0.01	0.00	0.05	0.01	0.00
35	1.46	0.41	0.00	0.05	0.02	0.01	0.05	0.01	0.01
36	1.72	0.37	0.00	0.06	0.01	0.00	0.05	0.01	0.00
37	2.56	0.77	0.00	0.08	0.02	0.01	0.07	0.02	0.01
38	2.12	0.42	0.00	0.08	0.02	0.01	0.08	0.02	0.01
39	3.86	1.11	0.00	0.11	0.03	0.01	0.11	0.03	0.01
40	3.46	0.54	0.00	0.11	0.03	0.01	0.11	0.03	0.01
41	4.12	1.11	0.00	0.15	0.04	0.01	0.13	0.04	0.01
42	1.59	0.43	0.00	0.05	0.01	0.00	0.05	0.01	0.00
43	1.63	0.41	0.00	0.06	0.01	0.01	0.06	0.01	0.01
44	1.56	0.53	0.00	0.05	0.02	0.01	0.05	0.02	0.01
45	2.06	0.71	0.00	0.08	0.02	0.01	0.07	0.02	0.01
46	5.62	1.91	0.00	0.19	0.08	0.03	0.19	0.08	0.03
47	1.36	0.27	0.00	0.05	0.01	0.00	0.05	0.01	0.00
48	1.57	0.42	0.00	0.06	0.02	0.01	0.06	0.02	0.01
49	2.39	0.85	0.00	0.08	0.03	0.01	0.08	0.03	0.01
50	1.49	0.28	0.00	0.05	0.01	0.00	0.05	0.01	0.00
51	2.94	0.40	0.00	0.10	0.02	0.01	0.09	0.03	0.01
52	1.43	0.41	0.00	0.05	0.02	0.01	0.05	0.02	0.01
53	4.51	1.46	0.00	0.14	0.04	0.02	0.14	0.04	0.02
54	1.38	0.33	0.00	0.05	0.01	0.00	0.05	0.01	0.00
55	1.77	0.46	0.00	0.05	0.01	0.00	0.05	0.01	0.00
56	1.52	0.45	0.00	0.06	0.01	0.01	0.06	0.01	0.01
57	2.58	0.82	0.00	0.08	0.02	0.01	0.08	0.02	0.01
58	1.60	0.48	0.00	0.05	0.02	0.01	0.05	0.02	0.01
59	1.48	0.39	0.00	0.05	0.01	0.00	0.05	0.01	0.00
60	3.37	0.60	0.00	0.11	0.03	0.01	0.10	0.03	0.01
61	9.42	3.13	0.00	0.22	0.09	0.03	0.20	0.08	0.03
62	1.61	0.48	0.00	0.05	0.01	0.01	0.05	0.01	0.01
63	1.96	0.38	0.00	0.08	0.02	0.01	0.07	0.02	0.01
64	1.64	0.39	0.00	0.05	0.01	0.00	0.05	0.01	0.00
65	2.38	0.94	0.00	0.08	0.03	0.01	0.08	0.03	0.01
66	1.77	0.39	0.00	0.06	0.01	0.01	0.06	0.01	0.01
67	1.62	0.47	0.00	0.06	0.02	0.01	0.05	0.02	0.01
68	4.19	1.28	0.00	0.13	0.03	0.01	0.13	0.03	0.01
69	2.08	0.70	0.00	0.07	0.02	0.01	0.07	0.02	0.01
70	10.00	3.09	0.00	0.18	0.04	0.02	0.11	0.02	0.01
71	2.13	0.43	0.00	0.06	0.01	0.00	0.06	0.01	0.00
72	1.69	0.56	0.00	0.05	0.02	0.01	0.05	0.02	0.01
73	2.98	0.87	0.00	0.10	0.03	0.01	0.09	0.03	0.01
74	1.76	0.59	0.00	0.06	0.02	0.01	0.05	0.02	0.01
75	4.60	0.99	0.00	0.15	0.02	0.01	0.13	0.02	0.01
76	11.30	5.29	0.00	0.53	0.27	0.10	0.33	0.17	0.06
77	2.38	0.85	0.00	0.08	0.02	0.01	0.07	0.02	0.01
78	1.82	0.53	0.00	0.06	0.01	0.00	0.05	0.01	0.00
79	2.96	0.93	0.00	0.11	0.03	0.01	0.11	0.03	0.01
80	1.31	0.49	0.00	0.05	0.01	0.01	0.05	0.01	0.01

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.56	0.12	0.00	0.03	0.01	0.00	0.03	0.01	0.00
3	0.68	0.14	0.00	0.04	0.01	0.00	0.03	0.01	0.00
4	0.88	0.21	0.00	0.05	0.01	0.00	0.04	0.01	0.00
5	0.94	0.21	0.00	0.05	0.01	0.00	0.05	0.01	0.00
6	1.02	0.27	0.00	0.05	0.01	0.00	0.05	0.01	0.00
7	0.95	0.24	0.00	0.04	0.01	0.00	0.04	0.01	0.00
8	1.00	0.25	0.00	0.04	0.01	0.00	0.04	0.01	0.00
9	1.13	0.29	0.00	0.05	0.01	0.00	0.05	0.01	0.00
10	1.11	0.27	0.00	0.05	0.01	0.00	0.05	0.01	0.00
11	1.04	0.26	0.00	0.06	0.01	0.00	0.05	0.01	0.00
12	1.11	0.30	0.00	0.05	0.01	0.00	0.05	0.01	0.00
13	1.49	0.25	0.00	0.07	0.01	0.00	0.07	0.01	0.00
14	1.08	0.32	0.00	0.05	0.01	0.00	0.04	0.01	0.01
15	1.20	0.31	0.00	0.05	0.01	0.01	0.05	0.01	0.01
16	1.28	0.38	0.00	0.12	0.06	0.02	0.12	0.06	0.02
17	0.98	0.19	0.00	0.04	0.01	0.00	0.04	0.01	0.00
18	0.82	0.19	0.00	0.04	0.01	0.00	0.04	0.01	0.00
19	0.88	0.21	0.00	0.04	0.01	0.00	0.04	0.01	0.00
20	2.30	0.40	0.00	0.11	0.03	0.01	0.10	0.03	0.01
21	1.27	0.23	0.00	0.05	0.01	0.00	0.05	0.01	0.00
22	0.98	0.20	0.00	0.04	0.01	0.00	0.04	0.01	0.00
23	0.86	0.17	0.00	0.04	0.01	0.00	0.04	0.01	0.00
24	1.04	0.21	0.00	0.05	0.01	0.00	0.05	0.01	0.00
25	1.15	0.27	0.00	0.06	0.01	0.01	0.05	0.01	0.01
26	1.00	0.38	0.00	0.08	0.02	0.01	0.07	0.02	0.01
27	0.94	0.23	0.00	0.04	0.01	0.00	0.04	0.01	0.00
28	1.03	0.28	0.00	0.05	0.01	0.00	0.05	0.01	0.00
29	1.11	0.27	0.00	0.05	0.01	0.00	0.05	0.01	0.00
30	1.02	0.30	0.00	0.05	0.01	0.01	0.05	0.01	0.01
31	1.44	0.82	0.00	0.12	0.05	0.02	0.12	0.05	0.02
32	0.93	0.28	0.00	0.04	0.01	0.00	0.04	0.01	0.00
33	1.14	0.32	0.00	0.05	0.02	0.01	0.05	0.02	0.01
34	1.12	0.29	0.00	0.05	0.01	0.00	0.05	0.01	0.00
35	1.06	0.31	0.00	0.05	0.01	0.01	0.04	0.01	0.01
36	1.06	0.22	0.00	0.05	0.01	0.00	0.05	0.01	0.00
37	0.90	0.17	0.00	0.04	0.01	0.00	0.04	0.01	0.00
38	1.43	0.29	0.00	0.07	0.01	0.01	0.07	0.01	0.01
39	0.87	0.19	0.00	0.04	0.01	0.00	0.04	0.01	0.00
40	2.76	0.41	0.00	0.10	0.03	0.01	0.10	0.03	0.01
41	0.84	0.19	0.00	0.04	0.01	0.00	0.04	0.01	0.00
42	0.87	0.19	0.00	0.05	0.01	0.00	0.04	0.01	0.00
43	1.02	0.18	0.00	0.05	0.01	0.00	0.05	0.01	0.00
44	0.97	0.26	0.00	0.05	0.01	0.01	0.05	0.01	0.01
45	0.99	0.23	0.00	0.05	0.01	0.00	0.05	0.01	0.00
46	2.14	0.96	0.00	0.11	0.05	0.02	0.11	0.05	0.02
47	1.00	0.25	0.00	0.04	0.01	0.00	0.04	0.01	0.00
48	1.18	0.34	0.00	0.05	0.02	0.01	0.05	0.02	0.01
49	1.15	0.36	0.00	0.05	0.02	0.01	0.05	0.02	0.01
50	1.06	0.26	0.00	0.05	0.01	0.00	0.04	0.01	0.00
51	2.19	0.32	0.00	0.08	0.02	0.01	0.08	0.02	0.01
52	1.08	0.34	0.00	0.05	0.01	0.01	0.05	0.02	0.01
53	1.17	0.33	0.00	0.05	0.02	0.01	0.05	0.02	0.01
54	1.06	0.28	0.00	0.04	0.01	0.00	0.04	0.01	0.00
55	0.97	0.22	0.00	0.04	0.01	0.00	0.04	0.01	0.00
56	1.09	0.23	0.00	0.05	0.01	0.00	0.05	0.01	0.00
57	0.99	0.21	0.00	0.05	0.01	0.00	0.05	0.01	0.00
58	0.98	0.26	0.00	0.05	0.01	0.01	0.05	0.01	0.01
59	0.87	0.19	0.00	0.04	0.01	0.00	0.04	0.01	0.00
60	2.78	0.43	0.00	0.10	0.03	0.01	0.10	0.03	0.01
61	1.44	0.86	0.00	0.13	0.05	0.02	0.13	0.05	0.02
62	0.88	0.24	0.00	0.04	0.01	0.00	0.04	0.01	0.00
63	1.38	0.32	0.00	0.07	0.02	0.01	0.07	0.02	0.01
64	0.92	0.16	0.00	0.04	0.01	0.00	0.04	0.01	0.00
65	1.01	0.22	0.00	0.05	0.01	0.00	0.05	0.01	0.00
66	1.14	0.26	0.00	0.05	0.01	0.00	0.05	0.01	0.00
67	1.02	0.25	0.00	0.05	0.01	0.00	0.04	0.01	0.00
68	1.14	0.31	0.00	0.05	0.01	0.01	0.05	0.01	0.01
69	0.86	0.22	0.00	0.04	0.01	0.00	0.04	0.01	0.00
70	0.89	0.25	0.00	0.04	0.01	0.00	0.04	0.01	0.00
71	1.14	0.26	0.00	0.05	0.01	0.00	0.05	0.01	0.00
72	0.98	0.30	0.00	0.04	0.01	0.00	0.04	0.01	0.00
73	1.17	0.25	0.00	0.05	0.01	0.00	0.05	0.01	0.00
74	1.10	0.36	0.00	0.05	0.01	0.01	0.05	0.02	0.01
75	1.51	0.32	0.00	0.07	0.02	0.01	0.07	0.02	0.01
76	2.73	1.21	0.00	0.13	0.06	0.02	0.12	0.06	0.02
77	0.88	0.20	0.00	0.04	0.01	0.00	0.04	0.01	0.00
78	0.89	0.17	0.00	0.04	0.01	0.00	0.04	0.01	0.00
79	1.81	0.43	0.00	0.10	0.03	0.01	0.10	0.03	0.01
80	0.90	0.19	0.00	0.04	0.01	0.00	0.04	0.01	0.00

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.56	0.33	0.00	0.02	0.01	0.00	0.02	0.01	0.00
6	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	2.37	0.77	0.00	0.06	0.02	0.01	0.06	0.02	0.01
9	0.72	0.48	0.00	0.02	0.01	0.01	0.02	0.01	0.00
10	0.16	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.37	0.16	0.00	0.01	0.00	0.00	0.00	0.00	0.00
12	0.29	0.12	0.00	0.01	0.00	0.00	0.00	0.00	0.00
13	0.84	0.43	0.00	0.03	0.01	0.01	0.02	0.01	0.00
14	0.24	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.31	0.14	0.00	0.01	0.00	0.00	0.00	0.00	0.00
16	3.63	1.17	0.00	0.08	0.03	0.01	0.08	0.03	0.01
17	1.15	0.68	0.00	0.03	0.02	0.01	0.03	0.01	0.00
18	0.53	0.26	0.00	0.01	0.00	0.00	0.00	0.00	0.00
19	0.97	0.41	0.00	0.01	0.01	0.00	0.01	0.01	0.00
20	0.54	0.28	0.00	0.01	0.00	0.00	0.00	0.00	0.00
21	1.56	0.63	0.00	0.04	0.02	0.01	0.04	0.02	0.01
22	0.58	0.29	0.00	0.01	0.00	0.00	0.00	0.00	0.00
23	0.53	0.38	0.00	0.01	0.00	0.00	0.00	0.00	0.00
24	2.89	0.99	0.00	0.07	0.02	0.01	0.07	0.02	0.01
25	1.16	0.58	0.00	0.03	0.01	0.01	0.03	0.01	0.00
26	0.27	0.13	0.00	0.01	0.00	0.00	0.00	0.00	0.00
27	0.45	0.18	0.00	0.01	0.00	0.00	0.00	0.00	0.00
28	0.32	0.14	0.00	0.01	0.00	0.00	0.00	0.00	0.00
29	1.11	0.35	0.00	0.03	0.01	0.00	0.03	0.01	0.00
30	0.27	0.13	0.00	0.01	0.00	0.00	0.00	0.00	0.00
31	7.19	2.42	0.00	0.11	0.04	0.01	0.09	0.03	0.01
32	0.40	0.10	0.00	0.01	0.00	0.00	0.01	0.00	0.00
33	1.04	0.58	0.00	0.03	0.02	0.01	0.03	0.01	0.01
34	0.40	0.08	0.00	0.01	0.00	0.00	0.01	0.00	0.00
35	0.39	0.15	0.00	0.01	0.00	0.00	0.01	0.00	0.00
36	0.55	0.19	0.00	0.01	0.00	0.00	0.01	0.00	0.00
37	1.65	0.65	0.00	0.04	0.02	0.01	0.03	0.02	0.01
38	0.69	0.36	0.00	0.01	0.00	0.00	0.01	0.00	0.00
39	2.99	1.04	0.00	0.07	0.02	0.01	0.07	0.02	0.01
40	0.70	0.24	0.00	0.01	0.00	0.00	0.01	0.00	0.00
41	3.29	1.11	0.00	0.11	0.04	0.01	0.09	0.04	0.01
42	0.72	0.27	0.00	0.01	0.00	0.00	0.01	0.00	0.00
43	0.61	0.30	0.00	0.01	0.00	0.00	0.01	0.00	0.00
44	0.59	0.30	0.00	0.01	0.00	0.00	0.00	0.00	0.00
45	1.86	0.53	0.00	0.03	0.01	0.00	0.03	0.01	0.00
46	3.47	1.04	0.00	0.08	0.03	0.01	0.08	0.03	0.01
47	0.36	0.10	0.00	0.01	0.00	0.00	0.01	0.00	0.00
48	0.39	0.13	0.00	0.01	0.00	0.00	0.01	0.00	0.00
49	1.24	0.60	0.00	0.03	0.01	0.01	0.03	0.01	0.00
50	0.44	0.12	0.00	0.01	0.00	0.00	0.01	0.00	0.00
51	0.76	0.21	0.00	0.02	0.01	0.00	0.02	0.01	0.00
52	0.35	0.11	0.00	0.01	0.00	0.00	0.00	0.00	0.00
53	3.33	1.21	0.00	0.09	0.03	0.01	0.09	0.03	0.01
54	0.31	0.11	0.00	0.01	0.00	0.00	0.00	0.00	0.00
55	0.79	0.36	0.00	0.01	0.01	0.00	0.01	0.01	0.00
56	0.53	0.26	0.00	0.01	0.00	0.00	0.00	0.00	0.00
57	1.59	0.71	0.00	0.03	0.01	0.01	0.03	0.01	0.00
58	0.52	0.25	0.00	0.01	0.00	0.00	0.01	0.00	0.00
59	0.60	0.25	0.00	0.01	0.00	0.00	0.01	0.00	0.00
60	0.59	0.30	0.00	0.01	0.00	0.00	0.01	0.00	0.00
61	5.98	2.43	0.00	0.08	0.04	0.01	0.07	0.03	0.01
62	0.72	0.28	0.00	0.01	0.00	0.00	0.01	0.00	0.00
63	0.58	0.28	0.00	0.01	0.00	0.00	0.01	0.00	0.00
64	0.72	0.26	0.00	0.01	0.00	0.00	0.01	0.00	0.00
65	1.37	0.71	0.00	0.03	0.02	0.01	0.03	0.02	0.01
66	0.63	0.21	0.00	0.01	0.00	0.00	0.01	0.00	0.00
67	0.60	0.27	0.00	0.01	0.01	0.00	0.01	0.00	0.00
68	3.05	1.06	0.00	0.08	0.02	0.01	0.07	0.02	0.01
69	1.23	0.53	0.00	0.03	0.02	0.01	0.03	0.02	0.01
70	9.14	3.17	0.00	0.14	0.05	0.02	0.08	0.02	0.01
71	0.89	0.29	0.00	0.01	0.00	0.00	0.01	0.00	0.00
72	0.71	0.31	0.00	0.01	0.01	0.00	0.01	0.00	0.00
73	1.81	0.70	0.00	0.04	0.02	0.01	0.04	0.02	0.01
74	0.66	0.28	0.00	0.01	0.00	0.00	0.01	0.00	0.00
75	3.09	1.00	0.00	0.08	0.02	0.01	0.0	.02	0.01
76	8.56	4.24	0.00	0.40	0.22	0.08	0.2	.12	0.04
77	1.50	0.71	0.00	0.03	0.02	0.01	0.03	0.02	0.01
78	0.93	0.38	0.00	0.01	0.00	0.00	0.01	0.00	0.00
79	1.14	0.51	0.00	0.01	0.01	0.00	0.01	0.00	0.00
80	0.37	0.35	0.00	0.01	0.00	0.00	0.01	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.41	0.09	0.08	0.02	0.00	0.00	0.02	0.00	0.00
3	0.45	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
4	0.51	0.08	0.08	0.02	0.00	0.00	0.02	0.00	0.00
5	0.57	0.07	0.07	0.02	0.00	0.00	0.02	0.00	0.00
6	0.57	0.08	0.07	0.02	0.00	0.00	0.02	0.00	0.00
7	0.56	0.08	0.08	0.02	0.00	0.00	0.02	0.00	0.00
8	0.71	0.20	0.19	0.03	0.00	0.00	0.03	0.00	0.00
9	0.36	0.39	0.37	0.03	0.01	0.01	0.03	0.00	0.00
10	0.66	0.09	0.09	0.03	0.00	0.00	0.02	0.00	0.00
11	1.11	0.16	0.15	0.05	0.01	0.01	0.05	0.01	0.01
12	0.72	0.10	0.10	0.03	0.00	0.00	0.03	0.00	0.00
13	1.75	0.36	0.36	0.07	0.02	0.02	0.07	0.02	0.02
14	0.53	0.10	0.09	0.02	0.00	0.00	0.02	0.00	0.00
15	0.66	0.09	0.09	0.03	0.00	0.00	0.03	0.00	0.00
16	0.65	0.22	0.21	0.03	0.00	0.00	0.03	0.00	0.00
17	0.36	0.39	0.37	0.03	0.01	0.01	0.03	0.00	0.00
18	0.52	0.10	0.10	0.02	0.00	0.00	0.02	0.00	0.00
19	2.54	0.75	0.71	0.05	0.01	0.01	0.05	0.01	0.01
20	1.08	0.09	0.09	0.03	0.00	0.00	0.03	0.00	0.00
21	1.37	0.45	0.42	0.05	0.01	0.01	0.05	0.01	0.01
22	0.67	0.10	0.09	0.02	0.00	0.00	0.02	0.00	0.00
23	0.63	0.10	0.09	0.03	0.00	0.00	0.02	0.00	0.00
24	0.77	0.21	0.20	0.03	0.00	0.00	0.03	0.00	0.00
25	1.44	0.19	0.18	0.06	0.01	0.01	0.06	0.01	0.01
26	1.82	0.36	0.33	0.08	0.02	0.01	0.07	0.02	0.01
27	0.77	0.12	0.11	0.03	0.00	0.00	0.02	0.00	0.00
28	0.86	0.11	0.10	0.03	0.00	0.00	0.03	0.00	0.00
29	0.96	0.08	0.08	0.03	0.00	0.00	0.03	0.00	0.00
30	0.91	0.12	0.11	0.03	0.00	0.00	0.03	0.00	0.00
31	1.49	0.13	0.13	0.05	0.00	0.00	0.05	0.00	0.00
32	0.90	0.14	0.13	0.03	0.01	0.00	0.03	0.00	0.00
33	0.96	0.33	0.31	0.03	0.00	0.00	0.03	0.00	0.00
34	0.82	0.10	0.10	0.03	0.00	0.00	0.03	0.00	0.00
35	0.86	0.07	0.06	0.03	0.00	0.00	0.03	0.00	0.00
36	0.81	0.11	0.10	0.03	0.00	0.00	0.02	0.00	0.00
37	2.71	0.73	0.69	0.06	0.01	0.01	0.06	0.01	0.01
38	1.95	0.36	0.34	0.08	0.02	0.01	0.08	0.02	0.02
39	1.01	0.20	0.19	0.03	0.00	0.00	0.03	0.00	0.00
40	1.19	0.10	0.10	0.03	0.00	0.00	0.03	0.00	0.00
41	1.64	1.21	1.15	0.06	0.03	0.03	0.06	0.03	0.02
42	0.78	0.10	0.10	0.03	0.00	0.00	0.03	0.00	0.00
43	0.77	0.09	0.08	0.03	0.00	0.00	0.03	0.00	0.00
44	0.79	0.13	0.12	0.03	0.00	0.00	0.03	0.00	0.00
45	0.78	0.07	0.07	0.03	0.00	0.00	0.03	0.00	0.00
46	0.94	0.23	0.22	0.03	0.00	0.00	0.03	0.00	0.00
47	0.75	0.08	0.08	0.03	0.00	0.00	0.03	0.00	0.00
48	0.69	0.07	0.07	0.03	0.00	0.00	0.02	0.00	0.00
49	0.88	0.42	0.40	0.03	0.01	0.01	0.03	0.00	0.00
50	1.35	0.25	0.24	0.05	0.01	0.01	0.05	0.01	0.01
51	1.07	0.63	0.60	0.12	0.03	0.02	0.12	0.03	0.02
52	0.71	0.12	0.11	0.03	0.00	0.00	0.02	0.00	0.00
53	0.85	0.20	0.19	0.03	0.00	0.00	0.03	0.00	0.00
54	0.80	0.10	0.10	0.03	0.00	0.00	0.03	0.00	0.00
55	1.76	0.75	0.71	0.05	0.01	0.01	0.05	0.01	0.01
56	0.90	0.11	0.10	0.03	0.00	0.00	0.03	0.00	0.00
57	1.02	0.37	0.35	0.03	0.01	0.01	0.03	0.00	0.00
58	0.84	0.10	0.09	0.03	0.00	0.00	0.03	0.00	0.00
59	0.84	0.10	0.09	0.03	0.00	0.00	0.03	0.00	0.00
60	1.16	0.11	0.10	0.03	0.00	0.00	0.03	0.00	0.00
61	1.44	0.45	0.42	0.05	0.01	0.01	0.05	0.01	0.01
62	0.82	0.13	0.12	0.03	0.00	0.00	0.02	0.00	0.00
63	1.89	0.37	0.35	0.08	0.02	0.02	0.07	0.02	0.02
64	0.33	0.15	0.14	0.03	0.01	0.01	0.03	0.00	0.00
65	1.14	0.31	0.29	0.03	0.00	0.00	0.03	0.00	0.00
66	0.32	0.13	0.12	0.03	0.00	0.00	0.03	0.00	0.00
67	0.39	0.13	0.12	0.03	0.00	0.00	0.03	0.00	0.00
68	0.37	0.17	0.16	0.03	0.00	0.00	0.03	0.00	0.00
69	0.87	0.07	0.07	0.03	0.00	0.00	0.03	0.00	0.00
70	3.90	0.51	0.49	0.05	0.01	0.01	0.04	0.00	0.00
71	1.73	0.43	0.40	0.05	0.01	0.01	0.04	0.01	0.01
72	0.83	0.14	0.13	0.03	0.00	0.00	0.03	0.00	0.00
73	2.87	0.37	0.35	0.06	0.01	0.01	0.06	0.01	0.01
74	1.31	0.30	0.29	0.05	0.01	0.01	0.05	0.01	0.01
75	2.00	0.14	0.14	0.08	0.01	0.01	0.07	0.01	0.01
76	1.34	0.56	0.53	0.05	0.01	0.01	0.04	0.01	0.01
77	0.89	0.10	0.09	0.03	0.00	0.00	0.03	0.00	0.00
78	0.82	0.11	0.10	0.03	0.00	0.00	0.03	0.00	0.00
79	0.91	0.06	0.05	0.03	0.00	0.00	0.03	0.00	0.00
80	0.97	0.10	0.09	0.03	0.00	0.00	0.03	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.41	0.09	0.08	0.02	0.00	0.00	0.02	0.00	0.00
3	0.45	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
4	0.51	0.08	0.08	0.02	0.00	0.00	0.02	0.00	0.00
5	0.57	0.07	0.07	0.02	0.00	0.00	0.02	0.00	0.00
6	0.57	0.08	0.07	0.02	0.00	0.00	0.02	0.00	0.00
7	0.54	0.08	0.08	0.02	0.00	0.00	0.02	0.00	0.00
8	0.59	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
9	0.67	0.05	0.05	0.03	0.00	0.00	0.03	0.00	0.00
10	0.64	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
11	1.03	0.15	0.14	0.04	0.01	0.01	0.04	0.01	0.01
12	0.67	0.10	0.09	0.03	0.00	0.00	0.03	0.00	0.00
13	1.69	0.36	0.34	0.07	0.02	0.02	0.07	0.02	0.02
14	0.58	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
15	0.61	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
16	0.68	0.09	0.09	0.03	0.00	0.00	0.03	0.00	0.00
17	0.63	0.05	0.05	0.03	0.00	0.00	0.03	0.00	0.00
18	0.56	0.10	0.09	0.02	0.00	0.00	0.02	0.00	0.00
19	0.61	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
20	1.01	0.09	0.08	0.03	0.00	0.00	0.03	0.00	0.00
21	1.06	0.14	0.13	0.05	0.01	0.01	0.05	0.01	0.01
22	0.59	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
23	0.56	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
24	0.58	0.08	0.07	0.02	0.00	0.00	0.02	0.00	0.00
25	1.13	0.27	0.26	0.05	0.01	0.01	0.05	0.01	0.01
26	1.67	0.35	0.33	0.07	0.02	0.01	0.07	0.02	0.01
27	0.56	0.10	0.09	0.02	0.00	0.00	0.02	0.00	0.00
28	0.64	0.10	0.09	0.03	0.00	0.00	0.02	0.00	0.00
29	0.71	0.06	0.06	0.03	0.00	0.00	0.03	0.00	0.00
30	0.66	0.10	0.09	0.03	0.00	0.00	0.03	0.00	0.00
31	1.09	0.17	0.16	0.05	0.01	0.01	0.05	0.01	0.01
32	0.61	0.12	0.11	0.02	0.00	0.00	0.02	0.00	0.00
33	0.52	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
34	0.54	0.08	0.08	0.02	0.00	0.00	0.02	0.00	0.00
35	0.56	0.07	0.07	0.02	0.00	0.00	0.02	0.00	0.00
36	0.51	0.07	0.07	0.02	0.00	0.00	0.02	0.00	0.00
37	0.56	0.05	0.05	0.02	0.00	0.00	0.02	0.00	0.00
38	1.66	0.33	0.32	0.07	0.01	0.01	0.07	0.02	0.01
39	0.58	0.08	0.08	0.02	0.00	0.00	0.02	0.00	0.00
40	0.90	0.08	0.08	0.03	0.00	0.00	0.03	0.00	0.00
41	0.92	0.19	0.18	0.04	0.01	0.01	0.04	0.01	0.01
42	0.58	0.07	0.07	0.02	0.00	0.00	0.02	0.00	0.00
43	0.57	0.07	0.07	0.02	0.00	0.00	0.02	0.00	0.00
44	0.61	0.10	0.09	0.02	0.00	0.00	0.02	0.00	0.00
45	0.65	0.09	0.09	0.03	0.00	0.00	0.02	0.00	0.00
46	0.71	0.11	0.11	0.03	0.00	0.00	0.03	0.00	0.00
47	0.64	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
48	0.57	0.09	0.08	0.02	0.00	0.00	0.02	0.00	0.00
49	0.57	0.05	0.04	0.02	0.00	0.00	0.02	0.00	0.00
50	1.12	0.28	0.27	0.05	0.01	0.01	0.05	0.01	0.01
51	2.10	0.42	0.40	0.09	0.02	0.02	0.09	0.02	0.02
52	0.56	0.11	0.10	0.02	0.00	0.00	0.02	0.00	0.00
53	0.58	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
54	0.65	0.09	0.09	0.03	0.00	0.00	0.02	0.00	0.00
55	0.67	0.08	0.08	0.03	0.00	0.00	0.03	0.00	0.00
56	0.67	0.09	0.09	0.03	0.00	0.00	0.03	0.00	0.00
57	0.65	0.07	0.06	0.02	0.00	0.00	0.02	0.00	0.00
58	0.61	0.09	0.08	0.03	0.00	0.00	0.02	0.00	0.00
59	0.61	0.08	0.08	0.03	0.00	0.00	0.03	0.00	0.00
60	0.92	0.09	0.08	0.03	0.00	0.00	0.03	0.00	0.00
61	1.00	0.15	0.14	0.05	0.01	0.01	0.04	0.01	0.01
62	0.53	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
63	1.58	0.35	0.33	0.07	0.02	0.02	0.07	0.02	0.02
64	0.64	0.10	0.10	0.03	0.00	0.00	0.03	0.00	0.00
65	0.67	0.09	0.08	0.03	0.00	0.00	0.03	0.00	0.00
66	0.65	0.09	0.09	0.03	0.00	0.00	0.02	0.00	0.00
67	0.64	0.11	0.10	0.02	0.00	0.00	0.02	0.00	0.00
68	0.61	0.09	0.08	0.02	0.00	0.00	0.02	0.00	0.00
69	0.60	0.04	0.04	0.02	0.00	0.00	0.02	0.00	0.00
70	0.54	0.08	0.08	0.02	0.00	0.00	0.02	0.00	0.00
71	0.89	0.13	0.12	0.04	0.01	0.01	0.04	0.01	0.01
72	0.58	0.09	0.09	0.02	0.00	0.00	0.02	0.00	0.00
73	0.62	0.08	0.08	0.03	0.00	0.00	0.02	0.00	0.00
74	1.06	0.23	0.26	0.05	0.01	0.01	0.05	0.01	0.01
75	1.66	0.35	0.33	0.07	0.02	0.02	0.07	0.02	0.02
76	0.63	0.08	0.08	0.03	0.00	0.00	0.02	0.00	0.00
77	0.60	0.05	0.04	0.03	0.00	0.00	0.02	0.00	0.00
78	0.52	0.07	0.07	0.02	0.00	0.00	0.02	0.00	0.00
79	0.61	0.03	0.03	0.02	0.00	0.00	0.02	0.00	0.00
80	0.53	0.03	0.03	0.02	0.00	0.00	0.02	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.12	0.29	0.28	0.00	0.01	0.01	0.00	0.01	0.01
9	0.18	0.43	0.41	0.00	0.01	0.01	0.00	0.00	0.00
10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.07	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
12	0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
13	0.06	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
14	0.06	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
15	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.16	0.29	0.28	0.00	0.01	0.01	0.00	0.01	0.01
17	0.22	0.43	0.41	0.00	0.01	0.01	0.00	0.00	0.00
18	0.06	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
19	1.93	0.66	0.63	0.03	0.01	0.01	0.03	0.01	0.01
20	0.07	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
21	0.31	0.58	0.55	0.01	0.02	0.02	0.01	0.02	0.02
22	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.08	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
24	0.19	0.28	0.27	0.00	0.01	0.01	0.00	0.01	0.01
25	0.31	0.43	0.41	0.01	0.01	0.01	0.00	0.00	0.00
26	0.15	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
27	0.22	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
28	0.22	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00
29	0.26	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
30	0.25	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
31	0.40	0.26	0.25	0.01	0.01	0.01	0.01	0.01	0.01
32	0.29	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
33	0.44	0.41	0.39	0.01	0.01	0.01	0.01	0.00	0.00
34	0.29	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
35	0.31	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
36	0.30	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
37	2.16	0.68	0.64	0.03	0.01	0.01	0.03	0.01	0.01
38	0.29	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00
39	0.43	0.27	0.26	0.01	0.01	0.01	0.01	0.01	0.01
40	0.29	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
41	0.72	1.39	1.32	0.02	0.04	0.04	0.01	0.03	0.03
42	0.20	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
43	0.19	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
44	0.18	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
45	0.13	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
46	0.23	0.32	0.31	0.00	0.01	0.01	0.00	0.01	0.01
47	0.11	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
48	0.12	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
49	0.30	0.46	0.43	0.01	0.01	0.01	0.00	0.00	0.00
50	0.13	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
51	0.97	0.21	0.20	0.03	0.01	0.01	0.03	0.01	0.01
52	0.15	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
53	0.27	0.28	0.27	0.01	0.01	0.01	0.00	0.01	0.01
54	0.17	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
55	1.09	0.66	0.63	0.03	0.01	0.01	0.03	0.01	0.01
56	0.13	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
57	0.38	0.42	0.40	0.01	0.01	0.01	0.00	0.00	0.00
58	0.22	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
59	0.23	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
60	0.14	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00
61	0.44	0.57	0.54	0.01	0.02	0.02	0.01	0.02	0.02
62	0.29	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
63	0.31	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
64	0.29	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00
65	0.47	0.39	0.37	0.01	0.01	0.01	0.01	0.00	0.00
66	0.28	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00
67	0.27	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
68	0.36	0.25	0.24	0.01	0.01	0.01	0.01	0.01	0.01
69	0.27	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
70	0.36	0.57	0.56	0.04	0.00	0.00	0.02	0.00	0.00
71	0.34	0.36	0.34	0.01	0.00	0.00	0.01	0.00	0.00
72	0.06	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00
73	0.25	0.28	0.27	0.04	0.00	0.00	0.03	0.01	0.01
74	0.25	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
75	0.36	0.27	0.26	0.01	0.01	0.01	0.01	0.01	0.01
76	0.51	0.51	0.49	0.02	0.01	0.01	0.01	0.01	0.01
77	0.29	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00
78	0.29	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
79	0.29	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.10	0.13	0.00	0.00	0.01	0.01	0.00	0.00	0.00
2	0.27	0.23	0.00	0.01	0.01	0.01	0.01	0.01	0.01
3	0.30	0.25	0.00	0.02	0.01	0.01	0.01	0.01	0.01
4	0.36	0.29	0.00	0.02	0.01	0.01	0.02	0.01	0.01
5	0.37	0.28	0.00	0.02	0.02	0.01	0.02	0.01	0.01
6	0.39	0.29	0.00	0.02	0.02	0.01	0.02	0.01	0.01
7	0.40	0.32	0.00	0.02	0.02	0.01	0.02	0.01	0.01
8	0.67	0.32	0.00	0.02	0.01	0.01	0.02	0.01	0.01
9	0.43	0.33	0.00	0.02	0.02	0.02	0.02	0.01	0.01
10	0.78	1.06	0.00	0.03	0.03	0.03	0.02	0.02	0.02
11	0.71	0.55	0.00	0.03	0.02	0.02	0.03	0.02	0.02
12	0.47	0.36	0.00	0.02	0.02	0.01	0.02	0.01	0.01
13	0.46	0.39	0.00	0.02	0.02	0.02	0.02	0.02	0.01
14	0.48	0.39	0.00	0.02	0.02	0.02	0.02	0.02	0.01
15	0.56	0.44	0.00	0.02	0.02	0.02	0.02	0.02	0.01
16	1.44	0.56	0.00	0.06	0.02	0.01	0.06	0.01	0.01
17	0.51	0.42	0.00	0.02	0.02	0.01	0.02	0.01	0.01
18	0.51	0.42	0.00	0.02	0.01	0.01	0.02	0.01	0.01
19	0.62	0.30	0.00	0.02	0.01	0.01	0.02	0.01	0.01
20	1.21	1.02	0.00	0.04	0.03	0.03	0.03	0.02	0.02
21	0.88	0.63	0.00	0.04	0.03	0.03	0.04	0.03	0.03
22	0.43	0.34	0.00	0.02	0.02	0.01	0.02	0.01	0.01
23	0.44	0.35	0.00	0.02	0.02	0.01	0.02	0.01	0.01
24	0.76	0.33	0.00	0.03	0.02	0.01	0.03	0.01	0.01
25	0.57	0.46	0.00	0.03	0.02	0.02	0.02	0.02	0.02
26	0.66	0.33	0.00	0.02	0.02	0.02	0.02	0.02	0.02
27	0.52	0.43	0.00	0.02	0.02	0.02	0.02	0.01	0.01
28	0.48	0.38	0.00	0.02	0.02	0.02	0.02	0.01	0.01
29	0.65	0.62	0.00	0.02	0.02	0.02	0.02	0.02	0.01
30	0.91	1.09	0.00	0.03	0.03	0.03	0.02	0.02	0.02
31	3.20	2.21	0.00	0.10	0.06	0.05	0.09	0.04	0.04
32	0.55	0.45	0.00	0.02	0.02	0.01	0.02	0.01	0.01
33	0.59	0.47	0.00	0.02	0.02	0.02	0.02	0.02	0.01
34	0.54	0.43	0.00	0.02	0.02	0.02	0.02	0.02	0.01
35	0.51	0.41	0.00	0.02	0.02	0.02	0.02	0.02	0.02
36	0.53	0.39	0.00	0.02	0.02	0.02	0.02	0.01	0.01
37	0.58	0.28	0.00	0.02	0.01	0.01	0.02	0.01	0.01
38	0.54	0.42	0.00	0.02	0.02	0.02	0.02	0.02	0.02
39	1.16	1.16	0.00	0.04	0.03	0.03	0.03	0.02	0.02
40	0.89	0.30	0.00	0.03	0.02	0.02	0.03	0.02	0.02
41	0.86	0.63	0.00	0.04	0.03	0.03	0.04	0.03	0.02
42	0.51	0.38	0.00	0.02	0.02	0.02	0.02	0.01	0.01
43	0.53	0.39	0.00	0.02	0.02	0.02	0.02	0.01	0.01
44	0.51	0.38	0.00	0.02	0.02	0.02	0.02	0.01	0.01
45	0.52	0.38	0.00	0.02	0.02	0.02	0.02	0.02	0.02
46	1.38	0.49	0.00	0.06	0.01	0.01	0.06	0.01	0.01
47	0.57	0.44	0.00	0.02	0.02	0.02	0.02	0.01	0.01
48	0.94	1.14	0.00	0.03	0.03	0.03	0.02	0.02	0.02
49	0.73	0.62	0.00	0.03	0.02	0.02	0.02	0.02	0.02
50	0.56	0.45	0.00	0.02	0.02	0.02	0.02	0.02	0.02
51	3.48	2.81	0.00	0.13	0.11	0.11	0.13	0.11	0.10
52	0.49	0.38	0.00	0.02	0.02	0.02	0.02	0.02	0.01
53	0.83	0.36	0.00	0.03	0.02	0.01	0.03	0.01	0.01
54	0.48	0.35	0.00	0.02	0.02	0.01	0.02	0.01	0.01
55	0.63	0.31	0.00	0.02	0.01	0.01	0.02	0.01	0.01
56	0.56	0.40	0.00	0.02	0.02	0.02	0.02	0.02	0.02
57	1.07	1.44	0.00	0.03	0.03	0.03	0.02	0.02	0.02
58	0.56	0.44	0.00	0.02	0.02	0.02	0.02	0.02	0.02
59	0.57	0.43	0.00	0.02	0.02	0.02	0.02	0.01	0.01
60	0.83	0.26	0.00	0.03	0.02	0.02	0.03	0.01	0.01
61	3.03	2.37	0.00	0.10	0.06	0.06	0.09	0.05	0.05
62	0.52	0.41	0.00	0.02	0.02	0.01	0.02	0.01	0.01
63	0.58	0.48	0.00	0.02	0.02	0.02	0.02	0.02	0.02
64	0.50	0.37	0.00	0.02	0.01	0.01	0.02	0.01	0.01
65	0.49	0.36	0.00	0.02	0.02	0.02	0.02	0.02	0.01
66	0.82	1.09	0.00	0.03	0.03	0.03	0.02	0.02	0.02
67	0.50	0.38	0.00	0.02	0.02	0.02	0.02	0.02	0.02
68	0.81	0.35	0.00	0.03	0.02	0.01	0.03	0.01	0.01
69	0.45	0.32	0.00	0.02	0.01	0.01	0.02	0.01	0.01
70	4.99	3.94	0.00	0.07	0.03	0.03	0.04	0.02	0.02
71	1.23	1.14	0.00	0.03	0.03	0.03	0.03	0.03	0.02
72	0.55	0.44	0.00	0.02	0.02	0.02	0.02	0.02	0.02
73	0.74	0.40	0.00	0.03	0.02	0.02	0.02	0.01	0.01
74	0.58	0.46	0.00	0.02	0.02	0.02	0.02	0.02	0.02
75	1.20	1.29	0.00	0.04	0.03	0.03	0.03	0.02	0.02
76	1.40	0.64	0.00	0.06	0.02	0.02	0.06	0.02	0.02
77	0.57	0.48	0.00	0.02	0.02	0.02	0.02	0.02	0.01
78	0.59	0.46	0.00	0.02	0.02	0.02	0.02	0.01	0.01
79	0.86	0.61	0.00	0.03	0.02	0.02	0.03	0.02	0.02
80	0.57	0.45	0.00	0.02	0.02	0.02	0.02	0.02	0.01

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.10	0.13	0.00	0.00	0.01	0.01	0.00	0.00	0.00
2	0.27	0.23	0.00	0.01	0.01	0.01	0.01	0.01	0.01
3	0.30	0.25	0.00	0.02	0.01	0.01	0.01	0.01	0.01
4	0.36	0.29	0.00	0.02	0.01	0.01	0.02	0.01	0.01
5	0.37	0.28	0.00	0.02	0.02	0.01	0.02	0.01	0.01
6	0.39	0.29	0.00	0.02	0.02	0.01	0.02	0.01	0.01
7	0.40	0.32	0.00	0.02	0.02	0.01	0.02	0.01	0.01
8	0.36	0.28	0.00	0.02	0.01	0.01	0.02	0.01	0.01
9	0.41	0.31	0.00	0.02	0.02	0.01	0.02	0.01	0.01
10	0.40	0.31	0.00	0.02	0.02	0.01	0.02	0.01	0.01
11	0.65	0.50	0.00	0.03	0.02	0.02	0.03	0.02	0.02
12	0.41	0.32	0.00	0.02	0.02	0.01	0.02	0.01	0.01
13	0.39	0.34	0.00	0.02	0.02	0.02	0.02	0.01	0.01
14	0.43	0.36	0.00	0.02	0.02	0.02	0.02	0.02	0.01
15	0.51	0.40	0.00	0.02	0.02	0.02	0.02	0.02	0.01
16	0.98	0.44	0.00	0.05	0.02	0.02	0.05	0.02	0.02
17	0.44	0.35	0.00	0.02	0.01	0.01	0.02	0.01	0.01
18	0.41	0.34	0.00	0.02	0.01	0.01	0.02	0.01	0.01
19	0.40	0.30	0.00	0.02	0.01	0.01	0.02	0.01	0.01
20	0.78	0.24	0.00	0.03	0.02	0.02	0.03	0.02	0.01
21	0.62	0.51	0.00	0.03	0.02	0.02	0.03	0.02	0.02
22	0.36	0.29	0.00	0.02	0.01	0.01	0.02	0.01	0.01
23	0.35	0.29	0.00	0.02	0.01	0.01	0.02	0.01	0.01
24	0.39	0.31	0.00	0.02	0.02	0.01	0.02	0.01	0.01
25	0.51	0.42	0.00	0.02	0.02	0.02	0.02	0.02	0.02
26	0.61	0.30	0.00	0.02	0.02	0.02	0.02	0.02	0.01
27	0.40	0.33	0.00	0.02	0.02	0.01	0.02	0.01	0.01
28	0.39	0.31	0.00	0.02	0.02	0.01	0.02	0.01	0.01
29	0.42	0.31	0.00	0.02	0.02	0.01	0.02	0.01	0.01
30	0.44	0.34	0.00	0.02	0.02	0.02	0.02	0.01	0.01
31	1.15	0.56	0.00	0.06	0.02	0.02	0.06	0.02	0.02
32	0.42	0.36	0.00	0.02	0.01	0.01	0.02	0.01	0.01
33	0.48	0.39	0.00	0.02	0.02	0.02	0.02	0.02	0.01
34	0.45	0.36	0.00	0.02	0.02	0.02	0.02	0.01	0.01
35	0.41	0.34	0.00	0.02	0.02	0.02	0.02	0.02	0.01
36	0.38	0.30	0.00	0.02	0.01	0.01	0.02	0.01	0.01
37	0.35	0.27	0.00	0.02	0.01	0.01	0.02	0.01	0.01
38	0.41	0.35	0.00	0.02	0.02	0.02	0.02	0.02	0.02
39	0.38	0.29	0.00	0.02	0.01	0.01	0.02	0.01	0.01
40	0.75	0.20	0.00	0.03	0.02	0.02	0.03	0.02	0.01
41	0.56	0.45	0.00	0.03	0.02	0.02	0.03	0.02	0.02
42	0.40	0.33	0.00	0.02	0.02	0.02	0.02	0.01	0.01
43	0.41	0.29	0.00	0.02	0.01	0.01	0.02	0.01	0.01
44	0.40	0.31	0.00	0.02	0.02	0.01	0.02	0.01	0.01
45	0.41	0.31	0.00	0.02	0.02	0.02	0.02	0.01	0.01
46	0.89	0.35	0.00	0.05	0.02	0.02	0.05	0.02	0.01
47	0.46	0.39	0.00	0.02	0.02	0.02	0.02	0.01	0.01
48	0.50	0.40	0.00	0.02	0.02	0.02	0.02	0.02	0.01
49	0.52	0.43	0.00	0.02	0.02	0.02	0.02	0.02	0.01
50	0.46	0.39	0.00	0.02	0.02	0.02	0.02	0.02	0.02
51	0.80	0.46	0.00	0.03	0.02	0.02	0.03	0.02	0.02
52	0.40	0.33	0.00	0.02	0.02	0.02	0.02	0.02	0.01
53	0.43	0.33	0.00	0.02	0.02	0.02	0.02	0.01	0.01
54	0.40	0.30	0.00	0.02	0.01	0.01	0.02	0.01	0.01
55	0.41	0.33	0.00	0.02	0.01	0.01	0.02	0.01	0.01
56	0.44	0.34	0.00	0.02	0.02	0.02	0.02	0.02	0.01
57	0.40	0.31	0.00	0.02	0.02	0.01	0.02	0.01	0.01
58	0.39	0.31	0.00	0.02	0.02	0.01	0.02	0.01	0.01
59	0.40	0.30	0.00	0.02	0.01	0.01	0.02	0.01	0.01
60	0.73	0.20	0.00	0.03	0.02	0.01	0.03	0.01	0.01
61	1.14	0.56	0.00	0.06	0.02	0.02	0.06	0.02	0.02
62	0.42	0.36	0.00	0.02	0.02	0.01	0.02	0.01	0.01
63	0.47	0.42	0.00	0.02	0.02	0.02	0.02	0.02	0.02
64	0.42	0.33	0.00	0.02	0.01	0.01	0.02	0.01	0.01
65	0.39	0.33	0.00	0.02	0.02	0.02	0.02	0.01	0.01
66	0.42	0.34	0.00	0.02	0.02	0.02	0.02	0.02	0.01
67	0.41	0.31	0.00	0.02	0.02	0.01	0.02	0.01	0.01
68	0.42	0.32	0.00	0.02	0.02	0.01	0.02	0.01	0.01
69	0.37	0.29	0.00	0.02	0.01	0.01	0.02	0.01	0.01
70	0.40	0.33	0.00	0.02	0.02	0.02	0.02	0.02	0.01
71	0.61	0.47	0.00	0.03	0.02	0.02	0.03	0.02	0.02
72	0.39	0.32	0.00	0.02	0.02	0.01	0.02	0.01	0.01
73	0.45	0.33	0.00	0.02	0.02	0.01	0.02	0.01	0.01
74	0.46	0.37	0.00	0.02	0.02	0.02	0.02	0.02	0.02
75	0.41	0.34	0.00	0.02	0.02	0.02	0.02	0.02	0.02
76	1.13	0.32	0.00	0.05	0.02	0.02	0.05	0.02	0.02
77	0.42	0.36	0.00	0.02	0.02	0.01	0.02	0.01	0.01
78	0.42	0.34	0.00	0.02	0.01	0.01	0.02	0.01	0.01
79	0.61	0.48	0.00	0.03	0.02	0.02	0.03	0.02	0.01
80	0.42	0.35	0.00	0.02	0.02	0.01	0.02	0.01	0.01

Estimated OCONUS Life Cycle Costs

Major Component Replacement

Yr	Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.33	0.20	0.00	0.01	0.01	0.01	0.01	0.01	0.01
9	0.02	0.02	0.00	5.00	0.00	0.00	5.00	0.00	0.00
10	0.38	0.83	0.00	0.01	0.01	0.01	0.00	0.01	0.01
11	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.06	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.46	0.38	0.00	0.01	0.01	0.01	0.01	0.01	0.01
17	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.10	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.21	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.43	0.84	0.00	0.01	0.02	0.01	0.01	0.01	0.01
21	0.25	0.13	0.00	0.01	0.00	0.00	0.01	0.00	0.00
22	0.07	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.09	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.37	0.19	0.00	0.01	0.01	0.00	0.01	0.01	0.01
25	0.06	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.12	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.23	0.38	0.00	0.00	0.01	0.01	0.00	0.00	0.00
30	0.47	0.84	0.00	0.01	0.02	0.01	0.01	0.01	0.01
31	2.04	1.69	0.00	0.04	0.03	0.03	0.03	0.02	0.02
32	0.13	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.09	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.15	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.23	6.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.13	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	0.78	0.98	0.00	0.02	0.02	0.02	0.01	0.01	0.01
40	0.14	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.30	0.19	0.00	0.01	0.01	0.01	0.01	0.01	0.01
42	0.11	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.12	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.10	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.49	0.38	0.00	0.01	0.01	0.01	0.01	0.01	0.01
47	0.11	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.44	0.86	0.00	0.01	0.02	0.02	0.00	0.01	0.01
49	0.21	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	2.68	2.37	0.00	0.10	0.09	0.08	0.10	0.09	0.08
52	0.09	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	0.40	0.18	0.00	0.01	0.01	0.01	0.01	0.01	0.01
54	0.09	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.22	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	0.10	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	0.67	1.20	0.00	0.01	0.02	0.02	0.01	0.01	0.01
58	0.16	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	0.18	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.10	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	1.89	1.85	0.00	0.04	0.04	0.04	0.03	0.03	0.02
62	0.10	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	0.39	0.86	0.00	0.01	0.02	0.01	0.00	0.01	0.01
67	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	0.40	0.16	0.00	0.01	0.01	0.00	0.01	0.01	0.01
69	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	4.59	3.82	0.00	0.05	0.03	0.03	0.03	0.01	0.01
71	0.62	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72	0.16	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	0.29	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74	0.13	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.78	1.06	0.00	0.02	0.02	0.02	0.01	0.01	0.01
76	0.29	0.36	0.00	0.01	0.01	0.00	0.00	0.00	0.00
77	0.15	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.17	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.25	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	[illegible]	[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.34	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
3	0.45	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
4	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.66	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
6	0.53	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
7	0.48	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
8	0.51	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
9	0.67	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
10	2.21	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00
11	0.88	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
12	0.62	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
13	0.95	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
14	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	1.16	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
16	0.69	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
17	0.95	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
18	0.70	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
19	2.52	0.00	0.00	0.07	0.00	0.00	0.06	0.00	0.00
20	2.98	0.00	0.00	0.11	0.00	0.00	0.10	0.00	0.00
21	1.96	0.00	0.00	0.09	0.00	0.00	0.09	0.00	0.00
22	0.64	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	0.88	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
24	0.75	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
25	0.76	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
26	1.00	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
27	0.63	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
28	0.91	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
29	1.53	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
30	21.30	0.00	0.00	0.51	0.00	0.00	0.28	0.00	0.00
31	0.97	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
32	0.78	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
33	0.90	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
34	0.81	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
35	0.70	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
36	1.29	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
37	2.25	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
38	1.03	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
39	0.98	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
40	2.38	0.00	0.00	0.10	0.00	0.00	0.10	0.00	0.00
41	2.08	0.00	0.00	0.09	0.00	0.00	0.09	0.00	0.00
42	0.71	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
43	1.04	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
44	0.87	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
45	0.72	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
46	0.85	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
47	0.71	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
48	0.79	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
49	2.22	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00
50	0.97	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
51	1.22	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
52	0.87	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
53	0.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
54	0.85	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
55	1.18	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
56	1.02	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
57	1.59	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
58	2.52	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00
59	19.90	0.00	0.00	0.47	0.00	0.00	0.25	0.00	0.00
60	1.41	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
61	1.39	0.00	0.00	0.09	0.00	0.00	0.09	0.00	0.00
62	0.97	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
63	0.66	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
64	0.99	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
65	0.76	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
66	1.96	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
67	2.52	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00
68	0.83	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
69	0.97	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
70	0.73	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
71	1.90	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
72	0.95	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
73	1.19	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
74	0.99	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
75	0.86	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
76	2.56	0.00	0.00	0.08	0.00	0.00	0.07	0.00	0.00
77	0.87	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
78	0.96	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
79	1.58	0.00	0.00	0.07	0.00	0.00	0.06	0.00	0.00
80	1.12	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.34	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
3	0.45	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
4	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.56	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
6	0.53	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
7	0.48	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
8	0.51	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
9	0.60	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
10	0.53	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
11	0.53	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
12	0.56	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
13	0.53	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
14	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.75	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
16	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
17	0.54	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
18	0.55	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
19	0.55	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
20	1.31	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
21	1.15	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
22	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	0.51	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
24	0.62	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
25	0.59	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
26	0.59	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
27	0.58	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
28	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
29	0.73	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
30	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
31	0.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
32	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	0.73	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
34	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
35	0.57	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
36	0.51	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
37	0.46	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
38	0.62	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
39	0.53	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
40	1.17	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
41	1.09	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
42	0.50	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
43	0.70	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
44	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
45	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
46	0.65	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
47	0.66	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
48	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
49	0.52	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
50	0.71	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
51	0.58	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
52	0.58	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
53	0.53	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
54	0.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
55	0.54	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
56	0.61	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
57	0.69	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
58	0.52	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
59	0.53	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
60	1.09	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
61	1.25	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00
62	0.46	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
63	0.48	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
64	0.49	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
65	0.59	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
66	0.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
67	0.57	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
68	0.62	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
69	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
70	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
71	0.77	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
72	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
74	0.51	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
75	0.62	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
76	0.61	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
77	0.53	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
78	0.49	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
79	1.38	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
80	0.53	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	1.58	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
11	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.40	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
16	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.41	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
18	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	1.36	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
20	1.67	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
21	0.80	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
22	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.37	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
24	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.41	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
27	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.35	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
29	0.80	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
30	20.90	0.00	0.00	0.48	0.00	0.00	0.26	0.00	0.00
31	0.34	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
32	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.35	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
35	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.79	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
37	1.79	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
38	0.41	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
39	0.45	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
40	1.81	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
41	0.99	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
42	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.34	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
44	0.40	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
45	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	1.70	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
50	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.64	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
52	0.29	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
53	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	1.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
56	0.51	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
57	0.30	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
58	0.00	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
59	19.40	0.00	0.00	0.44	0.00	0.00	0.22	0.00	0.00
60	0.32	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
61	0.74	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
62	0.51	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
63	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.30	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
65	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	0.45	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
67	1.98	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
68	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69	0.42	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
70	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	0.45	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
72	0.41	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
73	1.96	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
74	0.48	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
75	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76	1.95	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
77	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.47	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
79	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	2.11	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00

Estimated OCONUS Life Cycle Cost

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.31	0.15	0.00	0.02	0.01	0.01	0.01	0.01	0.01
2	0.49	0.20	0.00	0.02	0.01	0.02	0.02	0.01	0.02
3	0.59	0.11	0.00	0.03	0.01	0.01	0.02	0.01	0.01
4	0.76	0.12	0.00	0.03	0.01	0.02	0.03	0.01	0.02
5	0.90	0.04	0.00	0.04	0.01	0.01	0.03	0.01	0.01
6	0.82	0.15	0.00	0.03	0.01	0.02	0.03	0.01	0.02
7	0.96	0.29	0.00	0.04	0.02	0.03	0.03	0.02	0.03
8	1.87	0.20	0.00	0.06	0.01	0.02	0.06	0.01	0.02
9	1.92	0.89	0.00	0.06	0.01	0.02	0.04	0.00	0.00
10	2.52	1.21	0.00	0.07	0.03	0.05	0.05	0.02	0.03
11	1.29	0.45	0.00	0.05	0.02	0.04	0.05	0.02	0.03
12	1.09	0.32	0.00	0.04	0.01	0.02	0.03	0.01	0.02
13	1.25	0.16	0.00	0.05	0.00	0.00	0.04	0.00	0.00
14	1.16	0.25	0.00	0.04	0.01	0.02	0.03	0.01	0.02
15	1.19	0.10	0.00	0.04	0.01	0.01	0.04	0.01	0.01
16	2.16	0.29	0.00	0.07	0.01	0.02	0.07	0.01	0.02
17	1.85	0.81	0.00	0.05	0.01	0.02	0.04	0.00	0.00
18	0.80	0.20	0.00	0.03	0.01	0.02	0.03	0.01	0.02
19	2.01	1.05	0.00	0.06	0.03	0.05	0.05	0.03	0.05
20	3.79	0.17	0.00	0.10	0.00	0.00	0.07	0.00	0.00
21	1.87	0.41	0.00	0.07	0.02	0.03	0.07	0.02	0.03
22	1.00	0.30	0.00	0.03	0.01	0.02	0.03	0.01	0.02
23	0.90	0.25	0.00	0.03	0.01	0.02	0.03	0.01	0.02
24	2.23	0.34	0.00	0.07	0.01	0.02	0.06	0.01	0.02
25	2.28	0.98	0.00	0.07	0.01	0.02	0.06	0.00	0.00
26	1.32	0.10	0.00	0.05	0.00	0.01	0.04	0.00	0.01
27	1.95	0.97	0.00	0.04	0.01	0.02	0.03	0.01	0.02
28	0.89	0.36	0.00	0.03	0.01	0.02	0.03	0.01	0.02
29	2.01	0.91	0.00	0.05	0.02	0.04	0.04	0.01	0.02
30	2.65	1.12	0.00	0.07	0.02	0.04	0.05	0.01	0.02
31	4.05	0.89	0.00	0.10	0.03	0.05	0.09	0.03	0.05
32	1.23	0.28	0.00	0.04	0.01	0.02	0.03	0.01	0.02
33	1.68	0.68	0.00	0.05	0.01	0.01	0.04	0.00	0.00
34	1.38	0.01	0.00	0.04	0.00	0.01	0.04	0.00	0.01
35	1.29	0.32	0.00	0.04	0.01	0.02	0.04	0.01	0.02
36	1.37	0.04	0.00	0.04	0.01	0.01	0.04	0.01	0.01
37	2.03	1.12	0.00	0.06	0.03	0.05	0.05	0.03	0.05
38	1.35	0.11	0.00	0.05	0.00	0.01	0.05	0.01	0.01
39	4.04	1.32	0.00	0.10	0.03	0.05	0.08	0.02	0.03
40	2.35	1.43	0.00	0.07	0.02	0.04	0.05	0.01	0.02
41	2.59	0.65	0.00	0.09	0.00	0.00	0.07	0.01	0.01
42	1.36	0.36	0.00	0.04	0.01	0.02	0.04	0.01	0.02
43	1.26	0.02	0.00	0.04	0.01	0.01	0.04	0.01	0.01
44	0.94	0.36	0.00	0.04	0.02	0.03	0.03	0.01	0.02
45	1.15	0.14	0.00	0.04	0.01	0.02	0.03	0.01	0.02
46	2.40	0.21	0.00	0.07	0.01	0.02	0.07	0.01	0.02
47	1.27	0.06	0.00	0.04	0.01	0.01	0.04	0.01	0.01
48	3.06	1.22	0.00	0.08	0.03	0.05	0.06	0.02	0.03
49	3.34	1.79	0.00	0.07	0.00	0.01	0.05	0.00	0.01
50	1.46	0.01	0.00	0.05	0.01	0.01	0.05	0.01	0.01
51	1.64	0.26	0.00	0.07	0.01	0.02	0.06	0.01	0.01
52	1.28	0.15	0.00	0.04	0.01	0.01	0.04	0.01	0.01
53	2.27	0.27	0.00	0.07	0.01	0.02	0.06	0.01	0.02
54	1.08	0.16	0.00	0.04	0.01	0.01	0.03	0.01	0.01
55	2.06	1.08	0.00	0.06	0.03	0.05	0.05	0.03	0.05
56	1.21	0.27	0.00	0.04	0.01	0.02	0.04	0.01	0.02
57	5.26	0.39	0.00	0.10	0.02	0.03	0.06	0.01	0.01
58	1.04	0.13	0.00	0.04	0.01	0.01	0.03	0.01	0.01
59	1.18	0.17	0.00	0.04	0.01	0.01	0.03	0.01	0.01
60	1.99	0.87	0.00	0.06	0.02	0.03	0.05	0.01	0.01
61	3.42	0.57	0.00	0.10	0.02	0.04	0.09	0.02	0.04
62	1.06	0.30	0.00	0.03	0.01	0.02	0.03	0.01	0.02
63	1.36	0.02	0.00	0.05	0.00	0.00	0.05	0.00	0.00
64	1.23	0.15	0.00	0.04	0.01	0.01	0.03	0.01	0.01
65	1.85	0.86	0.00	0.06	0.01	0.02	0.04	0.00	0.00
66	2.73	1.32	0.00	0.07	0.03	0.05	0.05	0.02	0.03
67	1.06	0.37	0.00	0.04	0.02	0.03	0.03	0.01	0.02
68	2.17	0.24	0.00	0.07	0.01	0.02	0.06	0.01	0.02
69	1.14	0.13	0.00	0.04	0.01	0.01	0.03	0.01	0.01
70	1.22	0.34	0.00	0.04	0.02	0.03	0.04	0.01	0.02
71	1.85	0.61	0.00	0.06	0.02	0.04	0.05	0.02	0.04
72	1.19	0.42	0.00	0.04	0.01	0.02	0.03	0.01	0.02
73	2.93	0.00	0.00	0.08	0.00	0.01	0.06	0.01	0.02
74	1.36	0.25	0.00	0.05	0.01	0.02	0.04	0.01	0.01
75	4.23	1.03	0.00	0.11	0.01	0.02	0.09	0.00	0.00
76	1.35	0.30	0.00	0.05	0.02	0.03	0.04	0.02	0.03
77	0.96	0.23	0.00	0.03	0.01	0.02	0.03	0.01	0.02
78	1.00	0.30	0.00	0.04	0.01	0.02	0.03	0.01	0.02
79	3.51	1.52	0.00	0.07	0.02	0.04	0.06	0.01	0.02
80	1.35	0.04	0.00	0.05	0.01	0.01	0.04	0.01	0.01

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.31	0.15	0.00	0.02	0.01	0.01	0.01	0.01	0.01
2	0.49	0.20	0.00	0.02	0.01	0.02	0.02	0.01	0.02
3	0.52	0.21	0.00	0.02	0.01	0.02	0.02	0.01	0.02
4	0.69	0.22	0.00	0.03	0.01	0.02	0.03	0.01	0.02
5	0.76	0.23	0.00	0.03	0.01	0.02	0.03	0.01	0.02
6	0.73	0.24	0.00	0.03	0.01	0.02	0.03	0.01	0.02
7	0.87	0.38	0.00	0.04	0.02	0.03	0.03	0.02	0.03
8	0.67	0.24	0.00	0.03	0.01	0.02	0.03	0.01	0.02
9	0.87	0.28	0.00	0.03	0.01	0.02	0.03	0.01	0.02
10	0.79	0.26	0.00	0.03	0.01	0.02	0.03	0.01	0.02
11	1.11	0.47	0.00	0.05	0.02	0.04	0.04	0.02	0.04
12	0.79	0.26	0.00	0.03	0.01	0.02	0.03	0.01	0.02
13	1.03	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
14	0.91	0.38	0.00	0.03	0.02	0.03	0.03	0.01	0.02
15	0.80	0.26	0.00	0.03	0.01	0.02	0.03	0.01	0.02
16	0.83	0.25	0.00	0.04	0.01	0.02	0.03	0.01	0.02
17	0.76	0.20	0.00	0.03	0.01	0.02	0.03	0.01	0.02
18	0.60	0.22	0.00	0.03	0.01	0.02	0.02	0.01	0.02
19	0.83	0.31	0.00	0.04	0.02	0.03	0.03	0.02	0.03
20	1.08	0.18	0.00	0.05	0.01	0.01	0.04	0.01	0.01
21	1.13	0.44	0.00	0.05	0.02	0.04	0.04	0.02	0.03
22	0.69	0.23	0.00	0.03	0.01	0.02	0.03	0.01	0.02
23	0.78	0.28	0.00	0.03	0.01	0.02	0.03	0.01	0.02
24	0.83	0.26	0.00	0.03	0.01	0.02	0.03	0.01	0.02
25	1.06	0.30	0.00	0.05	0.02	0.03	0.04	0.01	0.02
26	1.03	0.01	0.00	0.04	0.00	0.00	0.04	0.00	0.00
27	0.82	0.28	0.00	0.03	0.01	0.02	0.03	0.01	0.02
28	0.78	0.24	0.00	0.03	0.01	0.02	0.03	0.01	0.02
29	0.79	0.25	0.00	0.03	0.01	0.02	0.03	0.01	0.02
30	0.81	0.22	0.00	0.03	0.01	0.02	0.03	0.01	0.02
31	1.20	0.54	0.00	0.05	0.03	0.05	0.05	0.03	0.04
32	0.71	0.30	0.00	0.03	0.01	0.02	0.03	0.01	0.02
33	0.74	0.28	0.00	0.03	0.01	0.02	0.03	0.01	0.02
34	0.78	0.25	0.00	0.03	0.01	0.02	0.03	0.01	0.02
35	0.91	0.34	0.00	0.04	0.02	0.03	0.03	0.01	0.02
36	0.77	0.27	0.00	0.03	0.01	0.02	0.03	0.01	0.02
37	0.79	0.35	0.00	0.03	0.02	0.03	0.03	0.02	0.03
38	0.99	0.07	0.00	0.04	0.00	0.00	0.04	0.00	0.01
39	0.72	0.16	0.00	0.03	0.01	0.02	0.03	0.01	0.02
40	0.86	0.06	0.00	0.04	0.00	0.00	0.03	0.00	0.00
41	0.93	0.45	0.00	0.04	0.02	0.04	0.04	0.02	0.04
42	0.81	0.29	0.00	0.03	0.01	0.02	0.03	0.01	0.02
43	0.81	0.25	0.00	0.04	0.01	0.02	0.03	0.01	0.02
44	0.73	0.25	0.00	0.03	0.01	0.02	0.03	0.01	0.02
45	0.75	0.23	0.00	0.03	0.01	0.02	0.03	0.01	0.02
46	0.76	0.27	0.00	0.03	0.01	0.02	0.03	0.01	0.02
47	0.76	0.19	0.00	0.03	0.01	0.02	0.03	0.01	0.02
48	0.86	0.34	0.00	0.03	0.02	0.03	0.03	0.01	0.02
49	0.86	0.32	0.00	0.04	0.02	0.03	0.03	0.02	0.03
50	0.92	0.19	0.00	0.04	0.01	0.02	0.04	0.01	0.01
51	1.30	0.20	0.00	0.06	0.01	0.01	0.05	0.01	0.01
52	0.74	0.32	0.00	0.03	0.01	0.02	0.03	0.01	0.02
53	0.77	0.29	0.00	0.03	0.01	0.02	0.03	0.01	0.02
54	0.77	0.23	0.00	0.03	0.01	0.02	0.03	0.01	0.02
55	0.94	0.37	0.00	0.04	0.02	0.03	0.04	0.02	0.03
56	0.82	0.27	0.00	0.04	0.01	0.02	0.03	0.01	0.02
57	0.73	0.24	0.00	0.03	0.01	0.02	0.03	0.01	0.02
58	0.69	0.21	0.00	0.03	0.01	0.02	0.03	0.01	0.02
59	0.74	0.23	0.00	0.03	0.01	0.02	0.03	0.01	0.02
60	0.90	0.09	0.00	0.04	0.00	0.00	0.03	0.00	0.00
61	1.18	0.56	0.00	0.05	0.03	0.05	0.05	0.03	0.05
62	0.69	0.28	0.00	0.03	0.01	0.02	0.02	0.01	0.02
63	1.06	0.09	0.00	0.04	0.00	0.00	0.04	0.00	0.00
64	0.81	0.26	0.00	0.03	0.01	0.02	0.03	0.01	0.02
65	0.79	0.27	0.00	0.03	0.01	0.02	0.03	0.01	0.02
66	0.80	0.24	0.00	0.03	0.01	0.02	0.03	0.01	0.02
67	0.75	0.30	0.00	0.03	0.02	0.03	0.03	0.01	0.02
68	0.78	0.26	0.00	0.03	0.01	0.02	0.03	0.01	0.02
69	0.76	0.16	0.00	0.03	0.01	0.02	0.03	0.01	0.01
70	0.82	0.31	0.00	0.03	0.01	0.02	0.03	0.01	0.02
71	1.06	0.45	0.00	0.05	0.02	0.04	0.04	0.02	0.04
72	0.74	0.26	0.00	0.03	0.01	0.02	0.03	0.01	0.02
73	0.86	0.26	0.00	0.04	0.01	0.02	0.03	0.01	0.02
74	0.93	0.24	0.00	0.04	0.01	0.02	0.04	0.01	0.01
75	0.96	0.04	0.00	0.04	0.00	0.01	0.04	0.01	0.01
76	0.92	0.37	0.00	0.04	0.02	0.03	0.04	0.02	0.03
77	0.67	0.17	0.00	0.03	0.01	0.02	0.03	0.01	0.02
78	0.69	0.19	0.00	0.03	0.01	0.02	0.03	0.01	0.02
79	0.92	0.12	0.00	0.04	0.01	0.01	0.04	0.00	0.01
80	0.76	0.22	0.00	0.03	0.01	0.02	0.03	0.01	0.02

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.07	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.07	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.14	0.18	0.00	0.00	0.00	0.01	0.00	0.00	0.01
6	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1.21	0.04	0.00	0.03	0.00	0.00	0.03	0.00	0.00
9	1.06	1.17	0.00	0.02	0.03	0.04	0.01	0.01	0.02
10	1.83	0.95	0.00	0.04	0.02	0.03	0.02	0.01	0.01
11	0.18	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.29	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.22	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.26	0.13	0.00	0.01	0.00	0.01	0.00	0.00	0.00
15	0.38	0.16	0.00	0.01	0.01	0.01	0.01	0.01	0.01
16	1.33	0.04	0.00	0.03	0.00	0.00	0.03	0.00	0.00
17	1.09	1.01	0.00	0.02	0.02	0.04	0.01	0.01	0.02
18	0.19	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	1.18	0.74	0.00	0.02	0.01	0.02	0.02	0.01	0.02
20	2.71	0.00	0.00	0.05	0.00	0.01	0.03	0.00	0.01
21	0.73	0.03	0.00	0.03	0.00	0.00	0.03	0.00	0.00
22	0.32	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00
23	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	1.40	0.08	0.00	0.03	0.00	0.00	0.03	0.00	0.00
25	1.22	1.28	0.00	0.03	0.03	0.05	0.02	0.02	0.03
26	0.29	0.11	0.00	0.01	0.00	0.00	0.00	0.00	0.00
27	1.14	1.25	0.00	0.01	0.00	0.00	0.00	0.00	0.00
28	0.19	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	1.22	0.66	0.00	0.02	0.01	0.02	0.01	0.00	0.00
30	1.94	0.90	0.00	0.04	0.01	0.02	0.02	0.00	0.01
31	2.85	0.36	0.00	0.05	0.00	0.00	0.04	0.00	0.00
32	0.52	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00
33	0.94	0.96	0.00	0.02	0.02	0.03	0.01	0.01	0.02
34	0.60	0.24	0.00	0.01	0.01	0.01	0.01	0.01	0.01
35	0.38	0.03	0.00	0.01	0.00	0.00	0.01	0.00	0.00
36	0.60	0.23	0.00	0.01	0.01	0.01	0.01	0.00	0.00
37	1.24	0.77	0.00	0.02	0.01	0.02	0.02	0.01	0.02
38	0.36	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00
39	3.32	1.16	0.00	0.07	0.02	0.03	0.05	0.01	0.01
40	1.51	1.49	0.00	0.03	0.03	0.05	0.02	0.02	0.03
41	1.66	1.10	0.00	0.04	0.02	0.04	0.03	0.01	0.02
42	0.55	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
43	0.46	0.23	0.00	0.01	0.01	0.01	0.01	0.01	0.01
44	0.21	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.41	0.09	0.00	0.01	0.00	0.00	0.01	0.00	0.00
46	1.63	0.06	0.00	0.04	0.00	0.00	0.04	0.00	0.00
47	0.51	0.13	0.00	0.01	0.00	0.00	0.01	0.00	0.00
48	2.21	0.88	0.00	0.04	0.02	0.03	0.03	0.01	0.01
49	2.48	2.11	0.00	0.03	0.02	0.03	0.02	0.01	0.02
50	0.54	0.18	0.00	0.01	0.00	0.00	0.01	0.00	0.00
51	0.33	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
52	0.54	0.18	0.00	0.01	0.01	0.01	0.01	0.01	0.01
53	1.50	0.02	0.00	0.04	0.00	0.00	0.03	0.00	0.00
54	0.30	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00
55	1.12	0.71	0.00	0.02	0.01	0.02	0.02	0.01	0.02
56	0.39	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00
57	4.53	0.63	0.00	0.07	0.00	0.00	0.03	0.00	0.01
58	0.34	0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.00
59	0.44	0.06	0.00	0.01	0.00	0.00	0.01	0.00	0.00
60	1.09	0.96	0.00	0.02	0.02	0.03	0.01	0.01	0.02
61	1.24	0.01	0.00	0.04	0.01	0.01	0.04	0.01	0.01
62	0.38	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
63	0.30	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00
64	0.42	0.12	0.00	0.01	0.00	0.00	0.01	0.00	0.00
65	1.06	1.14	0.00	0.02	0.02	0.04	0.01	0.01	0.02
66	1.94	1.08	0.00	0.04	0.02	0.03	0.02	0.01	0.01
67	0.31	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00
68	1.39	0.02	0.00	0.03	0.00	0.00	0.03	0.00	0.00
69	0.38	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00
70	0.40	0.03	0.00	0.01	0.00	0.00	0.01	0.00	0.00
71	0.60	0.16	0.00	0.01	0.00	0.00	0.01	0.00	0.00
72	0.46	0.16	0.00	0.01	0.00	0.00	0.01	0.00	0.00
73	1.07	0.26	0.00	0.04	0.01	0.01	0.03	0.00	0.00
74	0.42	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
75	3.28	1.07	0.00	0.07	0.02	0.03	0.05	0.01	0.01
76	0.42	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
77	0.27	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00
78	0.39	0.11	0.00	0.01	0.00	0.00	0.00	0.00	0.00
79	2.58	2.65	0.00	0.03	0.03	0.05	0.02	0.01	0.02
80	0.50	0.10	0.00	0.01	0.01	0.01	0.01	0.00	0.01

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.13	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00
2	0.29	0.06	0.00	0.02	0.00	0.00	0.01	0.00	0.00
3	0.34	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.35	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.39	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.42	0.09	0.00	0.02	0.00	0.00	0.02	0.00	0.00
7	0.40	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
8	2.80	1.59	0.00	0.08	0.04	0.04	0.08	0.04	0.04
9	1.78	0.41	0.00	0.05	0.01	0.01	0.03	0.01	0.01
10	1.45	1.01	0.00	0.04	0.02	0.02	0.03	0.01	0.01
11	0.69	0.07	0.00	0.03	0.00	0.00	0.02	0.00	0.00
12	0.60	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
13	1.02	0.15	0.00	0.04	0.01	0.01	0.04	0.01	0.01
14	1.13	0.58	0.00	0.03	0.01	0.01	0.03	0.00	0.00
15	0.64	0.08	0.00	0.02	0.01	0.00	0.02	0.00	0.00
16	3.09	1.52	0.00	0.09	0.04	0.04	0.09	0.04	0.04
17	1.06	0.46	0.00	0.05	0.01	0.01	0.03	0.01	0.01
18	0.61	0.09	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	1.06	0.28	0.00	0.03	0.01	0.01	0.03	0.01	0.01
20	1.32	1.32	0.00	0.06	0.04	0.04	0.05	0.03	0.03
21	0.91	0.13	0.00	0.03	0.01	0.01	0.03	0.01	0.01
22	0.59	0.20	0.00	0.02	0.01	0.01	0.02	0.01	0.00
23	0.53	0.04	0.00	0.02	0.00	0.00	0.02	0.00	0.00
24	2.31	1.64	0.00	0.08	0.04	0.04	0.08	0.04	0.04
25	1.18	0.56	0.00	0.07	0.02	0.02	0.05	0.02	0.02
26	0.97	0.20	0.00	0.04	0.01	0.01	0.04	0.01	0.01
27	0.64	0.09	0.00	0.02	0.00	0.00	0.02	0.00	0.00
28	1.73	1.02	0.00	0.05	0.02	0.02	0.03	0.01	0.01
29	0.72	0.10	0.00	0.02	0.00	0.00	0.02	0.00	0.00
30	2.21	3.56	0.00	0.06	0.08	0.08	0.04	0.04	0.04
31	4.45	1.75	0.00	0.11	0.04	0.04	0.10	0.04	0.04
32	0.76	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	2.00	0.43	0.00	0.05	0.01	0.01	0.03	0.01	0.01
34	0.66	0.13	0.00	0.02	0.01	0.01	0.02	0.01	0.00
35	0.64	0.05	0.00	0.02	0.00	0.00	0.02	0.00	0.00
36	0.65	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
37	1.12	0.23	0.00	0.03	0.00	0.00	0.03	0.00	0.00
38	1.02	0.15	0.00	0.04	0.01	0.01	0.04	0.01	0.01
39	3.95	2.46	0.00	0.10	0.06	0.06	0.09	0.05	0.05
40	1.12	0.39	0.00	0.05	0.03	0.02	0.04	0.03	0.02
41	2.81	0.46	0.00	0.07	0.01	0.01	0.05	0.01	0.01
42	0.60	0.09	0.00	0.02	0.00	0.00	0.02	0.00	0.00
43	0.64	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
44	0.71	0.10	0.00	0.02	0.00	0.00	0.02	0.00	0.00
45	0.62	0.10	0.00	0.02	0.01	0.01	0.02	0.01	0.00
46	3.20	1.75	0.00	0.09	0.05	0.04	0.09	0.05	0.04
47	0.60	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
48	1.54	0.90	0.00	0.04	0.02	0.02	0.03	0.01	0.01
49	1.86	0.41	0.00	0.05	0.01	0.01	0.03	0.01	0.01
50	0.99	0.32	0.00	0.04	0.02	0.02	0.04	0.02	0.02
51	1.47	0.31	0.00	0.06	0.01	0.01	0.05	0.01	0.01
52	0.70	0.14	0.00	0.02	0.01	0.01	0.02	0.00	0.00
53	2.97	1.65	0.00	0.09	0.04	0.04	0.08	0.04	0.04
54	0.65	0.05	0.00	0.02	0.00	0.00	0.02	0.00	0.00
55	2.23	0.86	0.00	0.05	0.01	0.01	0.04	0.01	0.01
56	0.72	0.14	0.00	0.03	0.01	0.01	0.02	0.01	0.00
57	2.80	0.90	0.00	0.07	0.02	0.02	0.04	0.01	0.01
58	0.75	0.06	0.00	0.03	0.00	0.00	0.02	0.00	0.00
59	1.88	3.58	0.00	0.04	0.08	0.08	0.03	0.05	0.04
60	1.19	0.53	0.00	0.05	0.03	0.03	0.04	0.03	0.02
61	2.10	1.06	0.00	0.05	0.02	0.02	0.04	0.02	0.02
62	0.88	0.10	0.00	0.02	0.00	0.00	0.02	0.00	0.00
63	0.95	0.06	0.00	0.04	0.01	0.01	0.03	0.01	0.01
64	0.67	0.13	0.00	0.03	0.01	0.01	0.02	0.00	0.00
65	1.32	0.46	0.00	0.05	0.01	0.01	0.03	0.01	0.01
66	1.56	1.02	0.00	0.04	0.02	0.02	0.03	0.01	0.01
67	0.69	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
68	3.11	1.58	0.00	0.09	0.04	0.04	0.08	0.04	0.04
69	1.46	0.58	0.00	0.03	0.01	0.01	0.03	0.00	0.00
70	0.72	0.09	0.00	0.02	0.00	0.00	0.02	0.00	0.00
71	1.23	0.46	0.00	0.03	0.01	0.01	0.03	0.01	0.01
72	0.75	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	1.49	0.34	0.00	0.05	0.01	0.01	0.04	0.01	0.01
74	1.25	0.23	0.00	0.05	0.02	0.02	0.04	0.02	0.02
75	4.29	2.58	0.00	0.12	0.06	0.06	0.10	0.06	0.06
76	1.89	0.29	0.00	0.05	0.01	0.01	0.04	0.01	0.01
77	0.73	0.12	0.00	0.02	0.00	0.00	0.02	0.00	0.00
78	0.80	0.06	0.00	0.03	0.00	0.00	0.02	0.00	0.00
79	1.23	0.52	0.00	0.05	0.03	0.03	0.04	0.03	0.03
80	2.00	2.14	0.00	0.07	0.01	0.01	0.07	0.01	0.01

Estimated OCONUS Life Cycle Costs

Annual Required Maintenance

Yr	Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.13	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00
2	0.29	0.06	0.00	0.02	0.00	0.00	0.01	0.00	0.00
3	0.34	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.35	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.39	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.42	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
7	0.39	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
8	0.45	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
9	0.47	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
10	0.49	0.11	0.00	0.02	0.01	0.00	0.02	0.00	0.00
11	0.56	0.10	0.00	0.02	0.00	0.00	0.02	0.00	0.00
12	0.46	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
13	0.78	0.16	0.00	0.04	0.01	0.01	0.03	0.01	0.01
14	0.44	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.50	0.11	0.00	0.02	0.01	0.01	0.02	0.01	0.01
16	0.61	0.25	0.00	0.03	0.01	0.01	0.03	0.01	0.01
17	0.41	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
18	0.43	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	0.47	0.10	0.00	0.02	0.01	0.01	0.02	0.00	0.00
20	0.87	0.44	0.00	0.04	0.03	0.02	0.04	0.03	0.02
21	0.53	0.11	0.00	0.02	0.01	0.01	0.02	0.00	0.00
22	0.38	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	0.40	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
24	0.40	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
25	0.80	0.30	0.00	0.04	0.02	0.02	0.04	0.02	0.02
26	0.79	0.17	0.00	0.04	0.01	0.01	0.03	0.01	0.01
27	0.41	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
28	0.53	0.10	0.00	0.02	0.00	0.00	0.02	0.00	0.00
29	0.46	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
30	0.44	0.09	0.00	0.02	0.01	0.01	0.02	0.01	0.00
31	0.64	0.25	0.00	0.03	0.01	0.01	0.03	0.01	0.01
32	0.43	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	0.44	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
34	0.42	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
35	0.44	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
36	0.41	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
37	0.45	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
38	0.76	0.15	0.00	0.04	0.01	0.01	0.03	0.01	0.01
39	0.40	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
40	0.82	0.46	0.00	0.04	0.03	0.03	0.04	0.03	0.02
41	0.48	0.11	0.00	0.02	0.01	0.01	0.02	0.00	0.00
42	0.38	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
43	0.41	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
44	0.40	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
45	0.46	0.10	0.00	0.02	0.01	0.01	0.02	0.01	0.00
46	0.63	0.24	0.00	0.03	0.01	0.01	0.03	0.01	0.01
47	0.48	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
48	0.46	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
49	0.43	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
50	0.83	0.28	0.00	0.04	0.02	0.02	0.04	0.02	0.02
51	0.91	0.18	0.00	0.04	0.01	0.01	0.04	0.01	0.01
52	0.41	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
53	0.45	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
54	0.43	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
55	0.51	0.09	0.00	0.02	0.00	0.00	0.02	0.00	0.00
56	0.46	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
57	0.42	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
58	0.45	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
59	0.44	0.09	0.00	0.02	0.01	0.00	0.02	0.00	0.00
60	0.83	0.49	0.00	0.04	0.03	0.03	0.04	0.03	0.03
61	0.61	0.26	0.00	0.03	0.01	0.01	0.03	0.01	0.01
62	0.36	0.07	0.00	0.02	0.00	0.00	0.01	0.00	0.00
63	0.68	0.14	0.00	0.03	0.01	0.01	0.03	0.01	0.01
64	0.46	0.09	0.00	0.02	0.00	0.00	0.02	0.00	0.00
65	0.43	0.09	0.00	0.02	0.00	0.00	0.02	0.00	0.00
66	0.43	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
67	0.43	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
68	0.47	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
69	0.44	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
70	0.41	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
71	0.53	0.12	0.00	0.02	0.01	0.01	0.02	0.01	0.00
72	0.43	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	0.46	0.09	0.00	0.02	0.01	0.01	0.02	0.01	0.00
74	0.83	0.31	0.00	0.04	0.02	0.02	0.04	0.02	0.02
75	0.75	0.13	0.00	0.04	0.01	0.01	0.03	0.01	0.01
76	0.59	0.33	0.00	0.03	0.01	0.01	0.03	0.01	0.01
77	0.41	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
78	0.44	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
79	0.84	0.47	0.00	0.04	0.03	0.03	0.04	0.03	0.03
80	0.45	0.10	0.00	0.02	0.01	0.01	0.02	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	2.35	1.67	0.00	0.06	0.04	0.04	0.06	0.04	0.04
9	1.31	0.42	0.00	0.03	0.01	0.01	0.01	0.00	0.00
10	0.96	0.32	0.00	0.02	0.02	0.02	0.01	0.01	0.01
11	0.15	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.16	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.24	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.70	0.54	0.00	0.01	0.01	0.01	0.01	0.01	0.00
15	0.14	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	2.48	1.51	0.00	0.06	0.04	0.04	0.06	0.04	0.04
17	1.06	0.45	0.00	0.03	0.01	0.01	0.01	0.00	0.00
18	0.19	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.60	0.23	0.00	0.01	0.00	0.00	0.01	0.00	0.00
20	1.06	0.91	0.00	0.02	0.02	0.02	0.01	0.01	0.01
21	0.38	0.06	0.00	0.01	0.01	0.01	0.01	0.01	0.01
22	0.21	0.15	0.00	0.00	0.01	0.01	0.00	0.00	0.00
23	0.14	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	2.51	1.63	0.00	0.07	0.04	0.04	0.06	0.04	0.04
25	1.38	0.47	0.00	0.03	0.01	0.01	0.01	0.00	0.00
26	0.18	0.11	0.00	0.00	0.01	0.01	0.00	0.00	0.00
27	0.23	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	1.20	1.11	0.00	0.02	0.02	0.02	0.01	0.01	0.01
29	0.26	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	1.76	3.48	0.00	0.04	0.08	0.08	0.02	0.04	0.04
31	3.81	1.74	0.00	0.08	0.04	0.04	0.07	0.04	0.04
32	0.33	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	1.56	0.44	0.00	0.03	0.01	0.01	0.02	0.00	0.00
34	0.24	0.09	0.00	0.01	0.01	0.01	0.00	0.00	0.00
35	0.21	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.23	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.67	0.21	0.00	0.01	0.00	0.00	0.01	0.00	0.00
38	0.26	0.10	0.00	0.01	0.01	0.01	0.00	0.00	0.00
39	3.54	2.45	0.00	0.08	0.06	0.06	0.07	0.05	0.05
40	0.30	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	2.34	0.53	0.00	0.05	0.01	0.01	0.03	0.01	0.00
42	0.22	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.24	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.31	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.16	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	2.56	1.71	0.00	0.06	0.04	0.04	0.06	0.04	0.04
47	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	1.08	0.87	0.00	0.02	0.02	0.02	0.01	0.01	0.01
49	1.42	0.41	0.00	0.03	0.01	0.01	0.01	0.00	0.00
50	0.16	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.56	0.16	0.00	0.01	0.01	0.01	0.01	0.01	0.01
52	0.28	0.09	0.00	0.01	0.01	0.01	0.00	0.00	0.00
53	2.52	1.62	0.00	0.07	0.04	0.04	0.06	0.04	0.04
54	0.12	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	1.72	0.94	0.00	0.03	0.02	0.02	0.02	0.01	0.01
56	0.25	0.07	0.00	0.01	0.01	0.01	0.00	0.00	0.00
57	2.38	0.84	0.00	0.05	0.01	0.01	0.02	0.01	0.01
58	0.30	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	0.96	3.52	0.00	0.02	0.08	0.08	0.01	0.04	0.04
60	0.36	0.09	0.00	0.01	0.01	0.01	0.00	0.00	0.00
61	1.48	1.05	0.00	0.02	0.01	0.01	0.02	0.01	0.00
62	0.30	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.27	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.21	0.10	0.00	0.00	0.01	0.01	0.00	0.00	0.00
65	1.49	0.48	0.00	0.03	0.01	0.01	0.02	0.00	0.00
66	1.14	0.97	0.00	0.02	0.02	0.02	0.01	0.01	0.01
67	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	1.96	1.66	0.00	0.07	0.04	0.04	0.07	0.04	0.04
69	1.02	0.54	0.00	0.02	0.01	0.01	0.01	0.01	0.00
70	0.31	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	0.70	0.41	0.00	0.01	0.01	0.01	0.01	0.00	0.00
72	0.32	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	1.03	0.28	0.00	0.04	0.01	0.01	0.02	0.00	0.00
74	0.42	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	3.54	2.56	0.00	0.08	0.06	0.06	0.07	0.05	0.05
76	1.31	0.25	0.00	0.02	0.00	0.00	0.03	0.00	0.00
77	0.32	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.38	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.48	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.32	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.16	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
2	0.31	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
3	0.36	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.50	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
7	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
8	1.66	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
9	0.54	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
10	3.33	0.00	0.00	0.08	0.00	0.00	0.05	0.00	0.00
11	0.68	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
12	0.88	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
13	1.10	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
14	0.53	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.98	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
16	1.81	0.00	0.00	0.06	0.00	0.00	0.05	0.00	0.00
17	0.58	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
18	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	2.76	0.00	0.00	0.07	0.00	0.00	0.05	0.00	0.00
20	3.50	0.00	0.00	0.09	0.00	0.00	0.05	0.00	0.00
21	1.33	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
22	0.52	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	0.54	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
24	1.68	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
25	0.62	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
26	1.51	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
27	0.58	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
28	0.75	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
29	0.96	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
30	3.25	0.00	0.00	0.07	0.00	0.00	0.05	0.00	0.00
31	2.91	0.00	0.00	0.07	0.00	0.00	0.06	0.00	0.00
32	0.74	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
33	0.97	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
34	0.60	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
35	0.78	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
36	0.86	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
37	2.47	0.00	0.00	0.06	0.00	0.00	0.05	0.00	0.00
38	1.46	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
39	4.48	0.00	0.00	0.11	0.00	0.00	0.08	0.00	0.00
40	1.20	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
41	1.27	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
42	0.52	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
43	0.89	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
44	0.75	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
45	0.63	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
46	2.04	0.00	0.00	0.07	0.00	0.00	0.05	0.00	0.00
47	0.94	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
48	3.41	0.00	0.00	0.08	0.00	0.00	0.05	0.00	0.00
49	0.72	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
50	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
51	1.46	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
52	0.66	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
53	1.32	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
54	0.55	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
55	2.61	0.00	0.00	0.06	0.00	0.00	0.05	0.00	0.00
56	0.95	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
57	3.77	0.00	0.00	0.08	0.00	0.00	0.05	0.00	0.00
58	0.65	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
59	0.67	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
60	0.96	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
61	1.52	0.00	0.00	0.07	0.00	0.00	0.06	0.00	0.00
62	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
63	1.26	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
64	0.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
65	0.61	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
66	3.40	0.00	0.00	0.08	0.00	0.00	0.05	0.00	0.00
67	0.58	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
68	2.01	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
69	0.65	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
70	0.56	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
71	2.33	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
72	0.66	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
73	2.51	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
74	1.32	0.00	0.00	0.03	0.00	0.00	0.0[illegible]	00	0.00
75	5.41	0.00	0.00	0.14	0.00	0.00	0.[illegible]	00	0.00
76	0.70	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
77	0.62	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
78	0.65	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
79	1.00	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
80	1.51	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.16	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
2	0.31	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
3	0.36	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.50	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
7	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
8	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
9	0.53	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
10	0.52	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
11	0.57	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
12	0.81	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
13	1.03	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
14	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.83	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
16	0.59	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
17	0.51	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
18	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	0.92	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
20	0.73	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
21	0.54	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
22	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
24	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
25	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
26	1.39	0.00	0.00	0.06	0.00	0.00	0.05	0.00	0.00
27	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
28	0.67	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
29	0.86	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
30	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
31	0.56	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
32	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	0.80	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
34	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
35	0.52	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
36	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
37	0.56	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
38	1.11	0.00	0.00	0.06	0.00	0.00	0.05	0.00	0.00
39	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
40	1.06	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
41	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
42	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
43	0.75	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
44	0.49	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
45	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
46	0.71	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
47	0.72	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
48	0.52	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
49	0.52	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
50	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
51	1.06	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
52	0.53	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
53	0.60	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
54	0.69	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
55	0.59	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
56	0.70	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
57	0.71	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
58	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
59	0.54	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
60	0.81	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
61	0.67	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
62	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
63	0.96	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
64	0.67	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
65	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
66	0.63	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
67	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
68	0.79	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
69	0.55	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
70	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
71	0.77	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
72	0.53	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
74	0.52	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
75	1.29	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
76	0.53	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
77	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
78	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
79	0.68	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
80	0.50	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00

Estimated CONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1.14	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
9	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	2.71	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	1.22	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
17	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	1.84	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
20	2.78	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
21	0.79	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
22	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	1.23	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
25	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	2.79	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
31	2.36	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
32	0.30	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
33	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.36	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
37	1.93	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
38	0.34	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
39	4.00	0.00	0.00	0.08	0.00	0.00	0.06	0.00	0.00
40	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.79	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
42	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.27	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
45	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	1.33	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
47	0.22	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
48	2.89	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
49	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.40	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
52	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	1.32	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
54	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	2.03	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
56	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	3.86	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
58	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	1.85	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
62	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.31	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
64	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	2.78	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
67	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	1.22	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
69	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	1.57	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
72	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	2.03	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
74	0.81	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
75	4.12	0.00	0.00	0.08	0.00	0.00	0.06	0.00	0.00
76	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.32	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
80	0.97	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.34	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
3	0.39	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
7	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
8	1.56	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
9	0.52	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
10	0.58	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
11	0.61	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
12	0.62	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
13	0.81	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
14	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.62	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
16	1.99	0.00	0.00	0.07	0.00	0.00	0.05	0.00	0.00
17	0.54	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
18	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	1.53	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
20	1.72	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
21	0.83	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
22	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
24	1.62	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
25	0.60	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
26	0.96	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
27	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
28	0.73	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
29	0.79	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
30	1.12	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
31	4.08	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00
32	0.54	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	0.54	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
34	0.63	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
35	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
36	0.54	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
37	1.56	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
38	0.88	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
39	1.69	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
40	1.84	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
41	1.17	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
42	0.60	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
43	0.58	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
44	0.53	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
45	0.60	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
46	2.09	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00
47	0.59	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
48	0.64	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
49	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
50	0.61	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
51	1.02	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
52	0.57	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
53	1.69	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
54	0.62	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
55	1.68	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
56	0.61	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
57	0.73	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
58	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
59	1.15	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
60	1.81	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
61	3.07	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
62	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
63	0.75	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
64	0.72	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
65	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
66	0.66	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
67	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
68	1.68	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
69	0.62	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
70	7.69	0.00	0.00	0.13	0.00	0.00	0.07	0.00	0.00
71	1.44	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
72	0.60	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	1.50	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
74	0.58	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
75	2.03	0.00	0.00	0.07	0.00	0.00	0.05	0.00	0.00
76	2.01	0.00	0.00	0.07	0.00	0.00	0.05	0.00	0.00
77	0.53	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
78	0.58	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
79	0.98	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Estimated JCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.34	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
3	0.39	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
7	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
8	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
9	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
10	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
11	0.57	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
12	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
13	0.77	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
14	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
16	0.73	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
17	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
18	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	0.53	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
20	1.68	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
21	0.57	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
22	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
24	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
25	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
26	0.82	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
27	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
28	0.59	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
29	0.53	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
30	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
31	0.75	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
32	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
34	0.48	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
35	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
36	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
37	0.52	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
38	0.76	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
39	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
40	1.66	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
41	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
42	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
43	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
44	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
45	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
46	0.83	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
47	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
48	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
49	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
50	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
51	0.91	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
52	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
53	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
54	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
55	0.58	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
56	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
57	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
58	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
59	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
60	1.69	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
61	0.75	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
62	0.40	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
63	0.71	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
64	0.56	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
65	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
66	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
67	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
68	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
69	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
70	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
71	0.59	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
72	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
74	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
75	0.73	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
76	0.77	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
77	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
78	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
79	0.87	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
80	0.57	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1.10	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
9	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	1.26	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
17	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	1.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
20	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.26	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
22	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	1.14	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
25	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.63	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
31	3.34	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
32	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	1.02	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
38	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	1.22	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
40	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.67	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
42	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	1.27	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
47	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	1.20	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
54	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	1.10	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
56	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	0.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
60	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	2.33	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
62	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	1.22	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
69	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	3.24	0.00	0.00	0.11	0.00	0.00	0.06	0.00	0.00
71	0.86	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
72	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	1.03	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
74	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	1.38	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
76	1.24	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
77	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.23	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
3	0.37	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.40	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
7	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
8	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
9	1.74	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
10	0.66	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
11	1.25	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
12	0.64	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
13	0.80	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
14	0.62	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.82	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
16	0.86	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
17	1.76	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
18	0.75	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
19	4.46	0.00	0.00	0.20	0.00	0.00	0.11	0.00	0.00
20	1.24	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
21	2.33	0.00	0.00	0.08	0.00	0.00	0.06	0.00	0.00
22	0.63	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	0.66	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
24	0.77	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
25	1.74	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
26	0.71	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
27	0.68	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
28	0.98	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
29	1.27	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
30	17.30	0.00	0.00	0.41	0.00	0.00	0.21	0.00	0.00
31	2.84	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
32	0.69	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	1.94	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
34	0.76	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
35	0.97	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
36	0.76	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
37	4.52	0.00	0.00	0.20	0.00	0.00	0.11	0.00	0.00
38	0.96	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
39	0.87	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
40	1.13	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
41	3.30	0.00	0.00	0.10	0.00	0.00	0.08	0.00	0.00
42	0.80	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
43	0.77	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
44	0.66	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
45	0.89	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
46	0.99	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
47	0.72	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
48	0.81	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
49	1.94	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
50	0.79	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
51	2.18	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00
52	0.62	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
53	0.92	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
54	0.72	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
55	4.54	0.00	0.00	0.20	0.00	0.00	0.11	0.00	0.00
56	0.89	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
57	1.94	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
58	0.94	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
59	17.40	0.00	0.00	0.41	0.00	0.00	0.21	0.00	0.00
60	1.21	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
61	3.71	0.00	0.00	0.09	0.00	0.00	0.09	0.00	0.00
62	0.66	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
63	0.84	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
64	0.86	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
65	1.87	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
66	0.91	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
67	0.96	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
68	0.84	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
69	1.08	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
70	0.64	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
71	1.86	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
72	0.74	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	5.66	0.00	0.00	0.22	0.00	0.00	0.13	0.00	0.00
74	0.90	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
75	0.91	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
76	1.07	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
77	0.84	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
78	1.05	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
79	1.28	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
80	0.97	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.23	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
3	0.37	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.40	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
7	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
8	0.52	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
9	0.58	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
10	0.53	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
11	0.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
12	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
13	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
14	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.60	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
16	0.52	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
17	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
18	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
20	0.90	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
21	0.83	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
22	0.37	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
24	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
25	0.53	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
26	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
27	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
28	0.61	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
29	0.59	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
30	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
31	0.60	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
32	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	0.52	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
34	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
35	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
36	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
37	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
38	0.53	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
39	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
40	0.71	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
41	0.69	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
42	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
43	0.50	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
44	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
45	0.54	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
46	0.55	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
47	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
48	0.59	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
49	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
50	0.62	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
51	0.68	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
52	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
53	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
54	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
55	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
56	0.54	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
57	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
58	0.54	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
59	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
60	0.73	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
61	0.73	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
62	0.35	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
63	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
64	0.52	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
65	0.55	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
66	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
67	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
68	0.58	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
69	0.53	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
70	0.36	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
71	0.56	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
72	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
74	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
75	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
76	0.53	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
77	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
78	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
79	0.90	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
80	0.36	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	1.16	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
10	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.61	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
12	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.30	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
14	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	1.27	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.00
18	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	4.04	0.00	0.00	0.18	0.00	0.00	0.09	0.00	0.00
20	0.35	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
21	1.50	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
22	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	1.21	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
26	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.37	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
29	0.68	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
30	16.80	0.00	0.00	0.38	0.00	0.00	0.19	0.00	0.00
31	2.24	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
32	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	1.42	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
34	0.34	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
35	0.49	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
36	0.29	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
37	4.11	0.00	0.00	0.18	0.00	0.00	0.09	0.00	0.00
38	0.43	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
39	0.40	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
40	0.42	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
41	2.61	0.00	0.00	0.06	0.00	0.00	0.05	0.00	0.00
42	0.34	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
43	0.26	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
44	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.36	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
46	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	1.46	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.00
50	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	1.50	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
52	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	0.43	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
54	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	4.04	0.00	0.00	0.18	0.00	0.00	0.09	0.00	0.00
56	0.36	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
57	1.43	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.00
58	0.40	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
59	17.00	0.00	0.00	0.39	0.00	0.00	0.19	0.00	0.00
60	0.48	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
61	2.98	0.00	0.00	0.06	0.00	0.00	0.05	0.00	0.00
62	0.31	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
63	0.40	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
64	0.35	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
65	1.30	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.00
66	0.34	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
67	0.49	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
68	0.27	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
69	0.56	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
70	0.28	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
71	2.31	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
72	0.34	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
73	5.09	0.00	0.00	0.20	0.00	0.00	0.10	0.00	0.00
74	0.45	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
75	0.43	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
76	0.54	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
77	0.38	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
78	0.54	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
79	0.38	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
80	1.33	0.00	0.00	0.21	0.00	0.00	0.01	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.14	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
2	0.25	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
3	0.29	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
4	0.30	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
5	0.30	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
6	0.36	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
7	0.36	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
8	0.96	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
9	0.40	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
10	2.78	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
11	0.53	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
12	0.48	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
13	0.58	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
14	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.49	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
16	1.30	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
17	0.40	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
18	0.40	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
19	0.98	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
20	2.90	0.00	0.00	0.07	0.00	0.00	0.04	0.00	0.00
21	0.58	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
22	0.37	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
23	0.50	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
24	1.07	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
25	1.10	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
26	0.74	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
27	0.42	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
28	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
29	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
30	2.86	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
31	1.57	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
32	0.48	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
33	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
34	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
35	0.73	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
36	0.51	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
37	1.04	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
38	0.66	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
39	3.50	0.00	0.00	0.08	0.00	0.00	0.05	0.00	0.00
40	0.53	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
41	0.56	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
42	0.38	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
43	0.44	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
44	0.43	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
45	0.42	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
46	1.34	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
47	0.54	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
48	2.89	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
49	0.46	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
50	0.85	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
51	1.23	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
52	0.48	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
53	1.12	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
54	0.62	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
55	1.01	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
56	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
57	2.98	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
58	0.51	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
59	0.58	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
60	0.55	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
61	1.06	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
62	0.45	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
63	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
64	0.56	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
65	0.45	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
66	1.86	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
67	0.42	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
68	1.11	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
69	0.48	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
70	0.53	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
71	0.78	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
72	0.53	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	1.08	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
74	0.99	0.00	0.00	0.05	0.00	0.00	0.0[illegible]	0.00	0.00
75	3.64	0.00	0.00	0.09	0.00	0.00	0.1[illegible]	0.00	0.00
76	1.70	0.00	0.00	0.08	0.00	0.00	0.05	0.00	0.00
77	0.53	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
78	0.50	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
79	0.62	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
80	0.90	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.14	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
2	0.25	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
3	0.29	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
4	0.29	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
5	0.30	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
6	0.35	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
7	0.36	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
8	0.35	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
9	0.38	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
10	0.35	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
11	0.43	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
12	0.40	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
13	0.53	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
14	0.42	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
15	0.39	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
16	0.53	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
17	0.32	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
18	0.32	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
19	0.35	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
20	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
21	0.39	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
22	0.31	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
23	0.38	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
24	0.36	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
25	0.85	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
26	0.66	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
27	0.33	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
28	0.40	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
29	0.38	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
30	0.35	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
31	0.52	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
32	0.36	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
33	0.36	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
34	0.39	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
35	0.42	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
36	0.37	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
37	0.36	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
38	0.51	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
39	0.32	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
40	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
41	0.36	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
42	0.38	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
43	0.32	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
44	0.34	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
45	0.36	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
46	0.58	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
47	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
48	0.41	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
49	0.39	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
50	0.77	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
51	0.62	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
52	0.33	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
53	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
54	0.37	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
55	0.35	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
56	0.38	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
57	0.39	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
58	0.40	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
59	0.39	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
60	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
61	0.52	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
62	0.31	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
63	0.40	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
64	0.38	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
65	0.35	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
66	0.37	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
67	0.35	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
68	0.42	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
69	0.41	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
70	0.40	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
71	0.38	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
72	0.37	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
73	0.35	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
74	0.82	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
75	0.46	0.00	0.00	0.02	0.00	0.00	0.0	.00	0.00
76	0.57	0.00	0.00	0.03	0.00	0.00	0.0	.00	0.00
77	0.32	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
78	0.34	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
79	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
80	0.31	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00

Estimated DOCNUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.61	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
9	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	2.43	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
11	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.76	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
17	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.64	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
20	2.47	0.00	0.00	0.05	0.00	0.00	0.02	0.00	0.00
21	0.18	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
22	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.71	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	2.51	0.00	0.00	0.05	0.00	0.00	0.02	0.00	0.00
31	1.04	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
32	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.67	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
38	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	3.18	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
40	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.19	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
42	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.76	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
47	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	2.49	0.00	0.00	0.05	0.00	0.00	0.02	0.00	0.00
49	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.61	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
52	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	0.72	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
54	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.66	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
56	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	2.59	0.00	0.00	0.05	0.00	0.00	0.02	0.00	0.00
58	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	0.53	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
62	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	2.49	0.00	0.00	0.05	0.00	0.00	0.02	0.00	0.00
67	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	0.59	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
69	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	0.72	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
74	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	3.18	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
76	1.13	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
77	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.30	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00
3	0.36	0.01	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.39	0.05	0.00	0.02	0.00	0.01	0.02	0.00	0.00
5	0.46	0.03	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.45	0.04	0.00	0.02	0.00	0.01	0.02	0.00	0.00
7	0.43	0.04	0.00	0.02	0.00	0.01	0.02	0.00	0.00
8	1.11	0.15	0.00	0.04	0.01	0.01	0.04	0.00	0.01
9	0.64	0.04	0.00	0.02	0.00	0.00	0.02	0.00	0.00
10	1.26	0.95	0.00	0.04	0.02	0.03	0.03	0.01	0.01
11	0.82	0.08	0.00	0.03	0.01	0.01	0.03	0.00	0.01
12	0.60	0.01	0.00	0.02	0.00	0.01	0.02	0.00	0.00
13	0.60	0.10	0.00	0.02	0.00	0.01	0.02	0.00	0.00
14	0.51	0.08	0.00	0.02	0.00	0.01	0.02	0.00	0.00
15	0.57	0.01	0.00	0.02	0.00	0.00	0.02	0.00	0.00
16	2.79	0.45	0.00	0.13	0.03	0.04	0.12	0.02	0.04
17	0.58	0.10	0.00	0.02	0.01	0.01	0.02	0.00	0.00
18	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	1.87	0.72	0.00	0.04	0.01	0.01	0.04	0.01	0.02
20	1.48	1.02	0.00	0.04	0.02	0.04	0.04	0.01	0.02
21	1.14	0.07	0.00	0.04	0.01	0.02	0.04	0.01	0.01
22	0.57	0.03	0.00	0.02	0.00	0.01	0.02	0.00	0.00
23	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
24	1.17	0.18	0.00	0.04	0.01	0.01	0.04	0.01	0.01
25	0.76	0.05	0.00	0.03	0.00	0.00	0.03	0.00	0.00
26	0.65	0.18	0.00	0.02	0.01	0.01	0.02	0.01	0.01
27	0.54	0.11	0.00	0.02	0.00	0.01	0.02	0.00	0.00
28	0.63	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
29	0.83	0.13	0.00	0.03	0.00	0.00	0.02	0.00	0.00
30	1.47	1.05	0.00	0.04	0.02	0.04	0.03	0.01	0.02
31	4.31	1.67	0.00	0.14	0.03	0.05	0.13	0.03	0.05
32	0.73	0.03	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	0.68	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
34	0.63	0.04	0.00	0.02	0.00	0.01	0.02	0.00	0.00
35	0.67	0.10	0.00	0.02	0.01	0.01	0.02	0.00	0.01
36	0.63	0.05	0.00	0.02	0.00	0.01	0.02	0.00	0.00
37	1.86	0.72	0.00	0.04	0.01	0.02	0.04	0.01	0.02
38	0.74	0.07	0.00	0.03	0.00	0.01	0.03	0.00	0.00
39	2.11	1.14	0.00	0.05	0.03	0.04	0.05	0.02	0.03
40	0.82	0.02	0.00	0.03	0.00	0.01	0.03	0.00	0.00
41	1.17	0.05	0.00	0.04	0.01	0.01	0.04	0.01	0.01
42	0.61	0.02	0.00	0.02	0.00	0.01	0.02	0.00	0.01
43	0.67	0.02	0.00	0.03	0.00	0.01	0.02	0.00	0.00
44	0.58	0.05	0.00	0.02	0.01	0.01	0.02	0.00	0.01
45	0.64	0.05	0.00	0.02	0.00	0.01	0.02	0.00	0.00
46	2.80	0.53	0.00	0.12	0.03	0.04	0.12	0.02	0.04
47	0.59	0.05	0.00	0.02	0.00	0.01	0.02	0.00	0.00
48	1.32	1.11	0.00	0.04	0.02	0.04	0.03	0.01	0.02
49	0.79	0.05	0.00	0.03	0.00	0.00	0.02	0.00	0.00
50	0.72	0.05	0.00	0.03	0.00	0.00	0.03	0.00	0.00
51	1.83	1.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
52	0.65	0.03	0.00	0.02	0.00	0.00	0.02	0.00	0.00
53	1.27	0.23	0.00	0.04	0.01	0.01	0.04	0.01	0.01
54	0.59	0.02	0.00	0.02	0.00	0.01	0.02	0.00	0.00
55	1.83	0.74	0.00	0.04	0.01	0.02	0.04	0.01	0.02
56	0.78	0.17	0.00	0.03	0.01	0.01	0.02	0.01	0.01
57	1.41	0.94	0.00	0.04	0.02	0.03	0.03	0.01	0.02
58	0.77	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
59	0.82	0.04	0.00	0.03	0.00	0.00	0.02	0.00	0.00
60	0.86	0.07	0.00	0.03	0.01	0.01	0.03	0.01	0.01
61	4.02	1.60	0.00	0.14	0.03	0.05	0.13	0.03	0.05
62	0.60	0.01	0.00	0.02	0.00	0.01	0.02	0.00	0.00
63	0.61	0.01	0.00	0.02	0.00	0.00	0.02	0.00	0.00
64	0.58	0.03	0.00	0.02	0.00	0.01	0.02	0.00	0.00
65	0.74	0.03	0.00	0.03	0.00	0.00	0.02	0.00	0.00
66	1.31	1.09	0.00	0.04	0.02	0.04	0.03	0.01	0.02
67	0.70	0.04	0.00	0.03	0.00	0.00	0.02	0.00	0.00
68	1.28	0.17	0.00	0.04	0.01	0.01	0.04	0.01	0.01
69	0.75	0.04	0.00	0.02	0.00	0.01	0.02	0.00	0.00
70	1.72	0.76	0.00	0.04	0.01	0.02	0.03	0.01	0.01
71	2.33	0.01	0.00	0.04	0.01	0.01	0.03	0.00	0.00
72	0.66	0.04	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	1.86	0.68	0.00	0.05	0.01	0.02	0.04	0.01	0.02
74	0.78	0.03	0.00	0.03	0.00	0.00	0.03	0.00	0.00
75	1.96	1.16	0.00	0.05	0.03	0.04	0.04	0.01	0.02
76	3.97	2.62	0.00	0.14	0.05	0.09	0.12	0.03	0.05
77	0.74	0.03	0.00	0.02	0.00	0.01	0.02	0.00	0.00
78	0.69	0.02	0.00	0.02	0.00	0.00	0.02	0.00	0.00
79	0.92	0.01	0.00	0.03	0.01	0.01	0.03	0.00	0.01
80	0.71	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.38	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00
3	0.36	0.01	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.39	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
5	0.46	0.03	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.45	0.04	0.00	0.02	0.00	0.01	0.02	0.00	0.00
7	0.43	0.04	0.00	0.02	0.00	0.01	0.02	0.00	0.00
8	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
9	0.54	0.02	0.00	0.02	0.00	0.01	0.02	0.00	0.00
10	0.54	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.00
11	0.55	0.09	0.00	0.03	0.00	0.01	0.03	0.00	0.00
12	0.49	0.05	0.00	0.02	0.00	0.01	0.02	0.00	0.00
13	0.50	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
14	0.44	0.03	0.00	0.02	0.00	0.01	0.02	0.00	0.00
15	0.51	0.03	0.00	0.02	0.00	0.00	0.02	0.00	0.00
16	1.37	0.39	0.00	0.11	0.02	0.04	0.10	0.02	0.03
17	0.46	0.07	0.00	0.02	0.00	0.01	0.02	0.00	0.00
18	0.47	0.03	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	0.48	0.04	0.00	0.02	0.00	0.01	0.02	0.00	0.00
20	0.69	0.06	0.00	0.03	0.00	0.01	0.03	0.00	0.01
21	0.62	0.10	0.00	0.03	0.01	0.01	0.03	0.00	0.01
22	0.41	0.03	0.00	0.02	0.00	0.01	0.02	0.00	0.00
23	0.43	0.03	0.00	0.02	0.00	0.00	0.02	0.00	0.00
24	0.48	0.04	0.00	0.02	0.00	0.00	0.02	0.00	0.00
25	0.56	0.02	0.00	0.03	0.00	0.00	0.03	0.00	0.00
26	0.53	0.12	0.00	0.02	0.01	0.01	0.02	0.00	0.01
27	0.46	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
28	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
29	0.51	0.04	0.00	0.02	0.00	0.00	0.02	0.00	0.00
30	0.53	0.01	0.00	0.02	0.00	0.00	0.02	0.00	0.00
31	1.02	0.38	0.00	0.11	0.02	0.04	0.11	0.02	0.03
32	0.47	0.04	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	0.49	0.01	0.00	0.02	0.00	0.00	0.02	0.00	0.00
34	0.44	0.07	0.00	0.02	0.00	0.01	0.02	0.00	0.00
35	0.47	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
36	0.45	3.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
37	0.48	0.02	0.00	0.02	0.00	0.00	0.02	0.00	0.00
38	0.53	0.04	0.00	0.02	0.00	0.01	0.02	0.00	0.00
39	0.46	0.07	0.00	0.02	0.00	0.01	0.02	0.00	0.00
40	0.65	0.04	0.00	0.03	0.00	0.01	0.03	0.00	0.00
41	0.58	0.11	0.00	0.03	0.01	0.01	0.02	0.00	0.01
42	0.45	0.08	0.00	0.02	0.00	0.01	0.02	0.00	0.01
43	0.47	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
44	0.48	0.08	0.00	0.02	0.01	0.01	0.02	0.00	0.01
45	0.46	0.04	0.00	0.02	0.00	0.00	0.02	0.00	0.00
46	1.96	0.36	0.00	0.10	0.02	0.03	0.10	0.02	0.03
47	0.48	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
48	0.49	0.02	0.00	0.02	0.00	0.00	0.02	0.00	0.00
49	0.53	0.01	0.00	0.02	0.00	0.00	0.02	0.00	0.00
50	0.54	0.03	0.00	0.03	0.00	0.00	0.02	0.00	0.00
51	0.67	0.11	0.00	0.03	0.01	0.01	0.03	0.00	0.01
52	0.46	0.03	0.00	0.02	0.00	0.00	0.02	0.00	0.00
53	0.47	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
54	0.47	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
55	0.51	0.03	0.00	0.02	0.00	0.01	0.02	0.00	0.00
56	0.54	0.10	0.00	0.02	0.01	0.01	0.02	0.00	0.01
57	0.49	0.02	0.00	0.02	0.00	0.00	0.02	0.00	0.00
58	0.56	0.06	0.00	0.03	0.00	0.00	0.02	0.00	0.00
59	0.50	0.03	0.00	0.02	0.00	0.00	0.02	0.00	0.00
60	0.61	0.08	0.00	0.03	0.01	0.01	0.02	0.00	0.01
61	1.98	0.34	0.00	0.11	0.02	0.03	0.11	0.02	0.03
62	0.48	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
63	0.47	0.03	0.00	0.02	0.00	0.00	0.02	0.00	0.00
64	0.44	0.02	0.00	0.02	0.00	0.00	0.02	0.00	0.00
65	0.49	0.05	0.00	0.02	0.00	0.01	0.02	0.00	0.00
66	0.48	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
67	0.54	0.01	0.00	0.02	0.00	0.00	0.02	0.00	0.00
68	0.50	0.04	0.00	0.02	0.00	0.01	0.02	0.00	0.00
69	0.47	0.07	0.00	0.02	0.00	0.01	0.02	0.00	0.00
70	0.44	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
71	0.58	0.09	0.00	0.03	0.00	0.01	0.02	0.00	0.01
72	0.44	0.04	0.00	0.02	0.00	0.01	0.02	0.00	0.00
73	0.49	0.07	0.00	0.02	0.00	0.01	0.02	0.00	0.00
74	0.54	0.02	0.00	0.02	0.00	0.00	0.02	0.00	0.00
75	0.47	0.02	0.00	0.02	0.00	0.00	0.02	0.00	0.00
76	1.96	0.29	0.00	0.11	0.02	0.03	0.11	0.02	0.03
77	0.43	0.04	0.00	0.02	0.00	0.01	0.02	0.00	0.00
78	0.47	0.03	0.00	0.02	0.00	0.00	0.02	0.00	0.00
79	0.56	0.09	0.00	0.03	0.01	0.01	0.02	0.01	0.01
80	0.49	0.03	0.00	0.02	0.00	0.01	0.02	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.53	0.14	0.00	0.02	0.00	0.01	0.02	0.00	0.01
9	0.11	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.72	0.39	0.00	0.01	0.02	0.03	0.01	0.01	0.02
11	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.11	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.82	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.01
17	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	1.40	0.76	0.00	0.02	0.01	0.02	0.02	0.01	0.02
20	0.79	0.97	0.00	0.01	0.02	0.03	0.01	0.01	0.01
21	0.52	0.03	0.00	0.02	0.00	0.01	0.02	0.00	0.01
22	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.70	0.14	0.00	0.02	0.00	0.01	0.02	0.00	0.01
25	0.20	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.12	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.31	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.95	1.04	0.00	0.02	0.02	0.03	0.01	0.01	0.02
31	2.29	1.29	0.00	0.03	0.01	0.02	0.03	0.01	0.01
32	0.25	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.19	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.19	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.18	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	1.45	0.74	0.00	0.02	0.01	0.02	0.02	0.01	0.02
38	0.21	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	1.64	1.07	0.00	0.03	0.02	0.04	0.03	0.01	0.02
40	0.17	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.59	0.06	0.00	0.02	0.00	0.00	0.02	0.00	0.01
42	0.16	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.20	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.17	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.86	0.17	0.00	0.02	0.01	0.01	0.02	0.01	0.01
47	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.83	1.09	0.00	0.02	0.02	0.03	0.01	0.01	0.02
49	0.25	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.18	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	1.16	0.89	0.00	0.01	0.00	0.01	0.01	0.01	0.01
52	0.18	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	0.80	0.17	0.00	0.02	0.00	0.01	0.02	0.00	0.01
54	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	1.32	0.77	0.00	0.02	0.01	0.02	0.02	0.01	0.02
56	0.24	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	0.93	0.92	0.00	0.02	0.02	0.03	0.01	0.01	0.01
58	0.21	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	0.32	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.24	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	2.03	1.25	0.00	0.03	0.01	0.02	0.02	0.01	0.01
62	0.20	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.19	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.25	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	0.84	1.03	0.00	0.01	0.02	0.03	0.01	0.01	0.02
67	0.16	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	0.77	0.13	0.00	0.02	0.00	0.01	0.02	0.00	0.01
69	0.28	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	1.29	0.81	0.00	0.02	0.02	0.03	0.01	0.01	0.01
71	1.75	0.11	0.00	0.01	0.00	0.00	0.01	0.00	0.00
72	0.22	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	1.37	0.75	0.00	0.02	0.01	0.02	0.02	0.01	0.02
74	0.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	1.48	1.14	0.00	0.03	0.02	0.04	0.02	0.01	0.02
76	2.01	2.32	0.00	0.03	0.04	0.06	0.02	0.02	0.03
77	0.31	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.21	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.36	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	2.22	2.12	0.00	0.03	0.03	0.04	0.02	0.02	0.03

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.14	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
2	0.29	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
3	0.36	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.57	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
7	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
8	1.29	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
9	0.57	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
10	2.76	0.00	0.00	0.07	0.00	0.00	0.04	0.00	0.00
11	1.00	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
12	0.60	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
13	0.64	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
14	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.75	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
16	1.71	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
17	0.52	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
18	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	0.59	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
20	3.20	0.00	0.00	0.09	0.00	0.00	0.06	0.00	0.00
21	1.13	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
22	0.52	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	0.73	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
24	1.62	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
25	0.62	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
26	1.29	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
27	0.66	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
28	0.64	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
29	0.62	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
30	2.91	0.00	0.00	0.07	0.00	0.00	0.04	0.00	0.00
31	3.41	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00
32	0.60	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	0.94	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
34	0.60	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
35	0.67	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
36	0.74	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
37	0.61	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
38	0.91	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
39	3.63	0.00	0.00	0.09	0.00	0.00	0.06	0.00	0.00
40	1.01	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
41	4.94	0.00	0.00	0.19	0.00	0.00	0.18	0.00	0.00
42	0.70	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
43	0.54	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
44	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
45	0.58	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
46	1.60	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
47	0.67	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
48	2.77	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
49	0.64	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
50	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
51	2.10	0.00	0.00	0.07	0.00	0.00	0.06	0.00	0.00
52	0.72	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
53	1.59	0.00	0.00	0.05	0.00	0.00	0.06	0.00	0.00
54	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
55	0.53	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
56	0.77	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
57	2.87	0.00	0.00	0.07	0.00	0.00	0.04	0.00	0.00
58	0.89	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
59	0.74	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
60	0.89	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
61	2.68	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
62	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
63	0.77	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
64	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
65	0.56	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
66	2.91	0.00	0.00	0.07	0.00	0.00	0.04	0.00	0.00
67	0.61	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
68	2.61	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
69	0.76	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
70	0.81	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
71	1.85	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
72	0.73	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
73	0.65	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
74	0.80	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
75	3.87	0.00	0.00	0.09	0.00	0.00	0.08	0.00	0.00
76	1.90	0.00	0.00	0.07	0.00	0.00	0.06	0.00	0.00
77	0.75	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
78	0.71	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
79	1.13	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
80	0.71	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.14	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
2	0.29	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
3	0.33	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.54	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
7	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
8	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
9	0.51	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
10	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
11	0.92	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
12	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
13	0.55	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
14	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
16	0.74	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
17	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
18	0.39	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
20	0.81	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
21	0.93	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
22	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
24	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
25	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
26	1.24	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
27	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
28	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
29	0.52	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
30	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
31	0.99	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
32	0.39	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
34	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
35	0.53	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
36	0.56	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
37	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
38	0.58	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
39	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
40	0.79	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
41	0.52	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
42	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
43	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
44	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
45	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
46	0.68	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
47	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
48	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
49	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
50	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
51	1.54	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
52	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
53	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
54	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
55	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
56	0.57	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
57	0.54	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
58	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
59	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
60	0.77	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
61	1.04	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
62	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
63	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
64	0.37	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
65	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
66	0.52	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
67	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
68	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
69	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
70	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
71	0.93	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
72	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	0.39	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
74	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
75	0.54	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
76	1.29	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
77	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
78	0.40	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
79	0.78	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
80	0.37	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.89	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
9	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	2.29	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.97	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
17	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	2.38	0.00	0.00	0.05	0.00	0.00	0.02	0.00	0.00
21	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.31	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
24	1.13	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
25	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.23	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
29	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	2.45	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
31	2.43	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
32	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.47	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
34	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.33	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
39	3.16	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
40	0.22	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
41	4.43	0.00	0.00	0.16	0.00	0.00	0.16	0.00	0.00
42	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.92	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
47	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	2.28	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
49	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.56	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
52	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	1.10	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
54	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	2.33	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
58	0.38	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
59	0.26	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
60	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	1.64	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
62	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.30	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
64	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	2.38	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
67	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	1.11	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
69	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.30	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
71	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74	0.32	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
75	3.34	0.00	0.00	0.07	0.00	0.00	0.05	0.00	0.00
76	0.64	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
77	0.31	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
78	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.44	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.27	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
3	0.35	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
7	0.38	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
8	1.34	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
9	2.10	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
10	0.68	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
11	0.75	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
12	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
13	0.71	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
14	0.52	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.68	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
16	1.53	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
17	2.11	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
18	0.60	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	3.94	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
20	2.86	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
21	1.32	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
22	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	1.05	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
24	1.47	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
25	2.27	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
26	0.96	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
27	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
28	0.74	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
29	0.79	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
30	0.75	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
31	2.80	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
32	0.68	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	2.17	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
34	0.61	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
35	0.70	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
36	0.69	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
37	0.96	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
38	4.45	0.00	0.00	0.07	0.00	0.00	0.04	0.00	0.00
39	1.49	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
40	3.04	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
41	2.84	0.00	0.00	0.08	0.00	0.00	0.06	0.00	0.00
42	0.60	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
43	0.68	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
44	0.69	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
45	0.80	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
46	1.62	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
47	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
48	0.85	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
49	2.21	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
50	0.69	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
51	1.76	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00
52	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
53	2.56	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
54	0.56	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
55	0.98	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
56	3.72	0.00	0.00	0.06	0.00	0.00	0.03	0.00	0.00
57	2.56	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
58	0.60	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
59	2.82	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
60	0.81	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
61	2.37	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
62	0.65	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
63	0.74	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
64	0.75	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
65	2.31	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
66	0.58	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
67	0.59	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
68	2.01	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
69	0.65	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
70	3.14	0.00	0.00	0.07	0.00	0.00	0.04	0.00	0.00
71	1.85	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
72	0.79	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	2.46	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
74	3.72	0.00	0.00	0.06	0.00	0.00	0.03	0.00	0.00
75	1.70	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
76	1.18	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
77	2.68	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
78	0.68	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
79	0.85	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
80	0.85	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00

Estimated DOD/NLS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.27	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
3	0.35	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
4	0.36	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
5	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
6	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
7	0.38	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
8	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
9	0.49	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
10	0.57	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
11	0.50	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
12	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
13	0.60	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
14	0.40	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
15	0.53	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
16	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
17	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
18	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
19	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
20	1.03	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
21	0.62	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
22	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
23	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
24	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
25	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
26	0.73	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
27	0.39	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
28	0.57	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
29	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
30	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
31	0.60	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
32	0.40	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
33	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
34	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
35	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
36	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
37	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
38	0.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
39	0.39	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
40	0.97	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
41	0.55	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
42	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
43	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
44	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
45	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
46	0.58	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
47	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
48	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
49	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
50	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
51	0.87	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
52	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
53	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
54	0.44	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
55	0.57	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
56	0.50	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
57	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
58	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
59	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
60	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
61	0.61	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
62	0.36	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
63	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
64	0.56	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
65	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
66	0.46	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
67	0.43	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
68	0.47	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
69	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
70	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
71	0.56	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
72	0.41	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
73	0.48	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
74	0.51	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
75	0.59	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
76	0.68	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
77	0.77	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
78	0.45	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
79	0.53	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
80	0.55	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00

Estimated CONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.90	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
9	1.62	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
10	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	1.83	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
17	1.69	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
18	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	3.42	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.00
20	1.83	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
21	0.70	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
22	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	1.01	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
25	1.72	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
26	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	2.20	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
32	0.28	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
33	1.74	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
34	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.27	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
36	0.27	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
37	0.45	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
38	3.81	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.00
39	1.10	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
40	2.86	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
41	2.29	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00
42	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	1.04	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
47	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.37	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
49	1.75	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
50	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.89	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
52	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	1.15	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
54	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.45	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
56	1.22	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.00
57	2.10	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
58	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	1.03	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
60	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	1.75	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
62	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	1.84	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
66	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	1.64	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
69	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	2.33	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
71	1.25	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
72	0.38	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
73	1.97	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
74	3.21	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.00
75	1.11	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.00
76	0.58	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
77	1.92	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
78	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.32	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
80	0.30	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.20	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
2	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
3	0.48	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
4	0.61	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
5	0.69	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
6	0.57	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
7	0.59	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
8	1.36	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
9	0.85	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
10	3.50	0.00	0.00	0.09	0.00	0.00	0.06	0.00	0.00
11	0.92	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
12	0.84	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
13	0.79	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
14	0.78	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
15	0.77	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
16	2.94	0.00	0.00	0.14	0.00	0.00	0.13	0.00	0.00
17	0.90	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
18	0.65	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
19	1.13	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
20	3.72	0.00	0.00	0.10	0.00	0.00	0.07	0.00	0.00
21	1.52	0.00	0.00	0.07	0.00	0.00	0.06	0.00	0.00
22	1.96	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
23	0.75	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
24	1.39	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00
25	1.12	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
26	1.16	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
27	0.73	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
28	2.11	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
29	1.15	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
30	3.76	0.00	0.00	0.09	0.00	0.00	0.06	0.00	0.00
31	5.56	0.00	0.00	0.17	0.00	0.00	0.16	0.00	0.00
32	0.89	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
33	1.03	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
34	0.87	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
35	0.93	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
36	0.96	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
37	1.12	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
38	0.98	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
39	4.29	0.00	0.00	0.10	0.00	0.00	0.07	0.00	0.00
40	0.89	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
41	1.85	0.00	0.00	0.08	0.00	0.00	0.07	0.00	0.00
42	0.74	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
43	0.92	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
44	0.71	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
45	0.90	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
46	3.02	0.00	0.00	0.14	0.00	0.00	0.13	0.00	0.00
47	1.98	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
48	3.53	0.00	0.00	0.09	0.00	0.00	0.06	0.00	0.00
49	1.01	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
50	0.94	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
51	1.36	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
52	0.98	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
53	1.73	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
54	0.91	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
55	1.22	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
56	0.88	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
57	4.05	0.00	0.00	0.09	0.00	0.00	0.06	0.00	0.00
58	0.82	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
59	0.94	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
60	1.00	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
61	5.97	0.00	0.00	0.20	0.00	0.00	0.19	0.00	0.00
62	0.83	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
63	0.81	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
64	0.78	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
65	0.95	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
66	1.65	0.00	0.00	0.09	0.00	0.00	0.06	0.00	0.00
67	0.82	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
68	1.48	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00
69	0.75	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
70	0.94	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
71	1.20	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
72	2.50	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
73	1.31	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
74	1.12	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
75	4.42	0.00	0.00	0.11	0.00	0.00	0.09	0.00	0.00
76	5.10	0.00	0.00	0.19	0.00	0.00	0.1	0.00	0.00
77	0.94	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
78	2.22	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
79	1.06	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
80	1.12	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.20	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
2	0.42	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
3	0.48	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00
4	0.51	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
5	0.59	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
6	0.57	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
7	0.59	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
8	0.68	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
9	0.74	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
10	0.74	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
11	0.86	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
12	0.71	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
13	0.74	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
14	0.69	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
15	0.73	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
16	2.18	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00
17	0.71	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
18	0.56	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
19	0.69	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
20	0.91	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
21	0.87	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
22	0.58	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
23	0.58	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
24	0.65	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
25	0.93	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
26	1.01	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
27	0.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
28	0.68	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
29	0.75	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
30	0.76	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
31	2.24	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00
32	0.63	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
33	0.74	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
34	0.72	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
35	0.62	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
36	0.60	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
37	0.62	0.00	.00	0.03	0.00	0.00	0.03	0.00	0.00
38	0.80	0.00	.00	0.04	0.00	0.00	0.03	0.00	0.00
39	0.65	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
40	0.72	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
41	0.80	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
42	0.65	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
43	0.71	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
44	0.62	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
45	0.75	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
46	2.17	0.00	0.00	0.12	0.00	0.00	0.11	0.00	0.00
47	0.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
48	0.71	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
49	0.74	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
50	0.83	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
51	1.22	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
52	0.67	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
53	0.68	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
54	0.66	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
55	0.72	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
56	0.71	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
57	0.70	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
58	0.66	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
59	0.66	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
60	0.81	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
61	1.29	0.00	0.00	0.13	0.00	0.00	0.12	0.00	0.00
62	0.61	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
63	0.68	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
64	0.60	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
65	0.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
66	0.77	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
67	0.59	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
68	0.70	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
69	0.63	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
70	0.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
71	0.97	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
72	0.64	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
73	0.63	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
74	0.80	0.00	0.00	0.04	0.00	0.00	0.	.00	0.00
75	0.76	0.00	0.00	0.04	0.00	0.00	0.1	.00	0.00
76	2.34	0.00	0.00	0.12	0.00	0.00	0.11	0.00	0.00
77	0.57	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
78	0.62	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
79	0.80	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
80	2.31	0.00	0.00	0.12	0.00	0.00	0.11	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.68	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
9	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	2.76	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
11	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.76	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
17	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.44	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
20	2.81	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
21	0.65	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
22	1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.74	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
25	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	1.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	3.00	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
31	3.33	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
32	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.28	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
34	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.31	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
36	0.36	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
37	0.50	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
38	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	3.64	0.00	0.00	0.07	0.00	0.00	0.05	0.00	0.00
40	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.97	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
42	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.85	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
47	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	2.83	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
49	0.28	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
50	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	2.05	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
54	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.50	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
56	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	3.35	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
58	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	3.68	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00
62	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.31	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
66	1.98	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
67	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	0.78	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
69	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72	1.87	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
73	0.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
74	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	3.65	0.00	0.00	0.07	0.00	0.00	0.05	0.00	0.00
76	2.76	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
77	0.37	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
78	1.60	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
79	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	2.41	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.20	0.09	0.00	0.01	0.01	0.01	0.01	0.00	0.01
3	0.21	0.11	0.00	0.01	0.01	0.01	0.01	0.01	0.01
4	0.26	0.13	0.00	0.01	0.01	0.01	0.01	0.01	0.01
5	0.46	0.06	0.00	0.02	0.00	0.01	0.02	0.00	0.00
6	0.32	0.14	0.00	0.01	0.01	0.01	0.01	0.01	0.01
7	0.36	0.12	0.00	0.02	0.01	0.01	0.02	0.00	0.01
8	0.85	0.66	0.00	0.03	0.02	0.02	0.03	0.02	0.02
9	0.33	0.17	0.00	0.02	0.01	0.01	0.01	0.01	0.01
10	0.85	0.98	0.00	0.03	0.02	0.03	0.02	0.01	0.02
11	0.62	0.16	0.00	0.03	0.00	0.01	0.03	0.00	0.00
12	0.42	0.16	0.00	0.02	0.01	0.01	0.01	0.01	0.01
13	0.56	0.13	0.00	0.03	0.00	0.00	0.02	0.00	0.00
14	0.39	0.17	0.00	0.02	0.01	0.01	0.01	0.01	0.01
15	0.58	0.13	0.00	0.02	0.00	0.01	0.02	0.00	0.00
16	1.09	0.52	0.00	0.04	0.02	0.02	0.04	0.02	0.02
17	0.39	0.19	0.00	0.02	0.01	0.01	0.01	0.01	0.01
18	0.31	0.16	0.00	0.01	0.01	0.01	0.01	0.01	0.01
19	0.68	0.82	0.00	0.02	0.02	0.02	0.02	0.02	0.02
20	2.14	0.48	0.00	0.05	0.01	0.01	0.04	0.01	0.01
21	0.96	0.49	0.00	0.04	0.02	0.03	0.04	0.02	0.02
22	0.40	0.19	0.00	0.01	0.01	0.01	0.01	0.01	0.01
23	0.36	0.13	0.00	0.01	0.01	0.01	0.01	0.01	0.01
24	0.91	0.66	0.00	0.03	0.02	0.02	0.03	0.02	0.02
25	0.78	0.17	0.00	0.03	0.01	0.01	0.03	0.01	0.01
26	1.05	0.05	0.00	0.02	0.01	0.01	0.02	0.01	0.01
27	0.34	0.17	0.00	0.01	0.01	0.01	0.01	0.01	0.01
28	0.52	0.08	0.00	0.02	0.01	0.01	0.01	0.01	0.01
29	0.38	0.22	0.00	0.02	0.01	0.01	0.01	0.01	0.01
30	1.34	0.83	0.00	0.03	0.02	0.02	0.02	0.01	0.01
31	2.74	1.34	0.00	0.06	0.02	0.03	0.06	0.02	0.02
32	0.50	0.16	0.00	0.02	0.01	0.01	0.01	0.01	0.01
33	0.42	0.23	0.00	0.02	0.01	0.01	0.01	0.01	0.01
34	0.68	0.13	0.00	0.02	0.01	0.01	0.02	0.00	0.01
35	0.50	0.24	0.00	0.02	0.01	0.01	0.01	0.01	0.01
36	0.48	0.23	0.00	0.02	0.01	0.01	0.01	0.01	0.01
37	0.62	0.79	0.00	0.02	0.02	0.02	0.02	0.02	0.02
38	0.60	0.25	0.00	0.02	0.01	0.01	0.02	0.01	0.01
39	1.61	1.44	0.00	0.04	0.03	0.04	0.04	0.03	0.03
40	2.08	0.42	0.00	0.05	0.00	0.01	0.03	0.00	0.00
41	0.89	0.54	0.00	0.04	0.02	0.03	0.04	0.02	0.02
42	0.34	0.14	0.00	0.01	0.01	0.01	0.01	0.01	0.01
43	0.54	0.08	0.00	0.02	0.00	0.01	0.02	0.00	0.00
44	0.39	0.20	0.00	0.02	0.01	0.01	0.01	0.01	0.01
45	0.47	0.22	0.00	0.02	0.01	0.01	0.02	0.01	0.01
46	1.14	0.71	0.00	0.04	0.02	0.02	0.04	0.02	0.02
47	0.47	0.33	0.00	0.02	0.01	0.01	0.02	0.01	0.01
48	1.00	1.07	0.00	0.03	0.02	0.03	0.02	0.01	0.02
49	0.50	0.29	0.00	0.02	0.01	0.01	0.02	0.01	0.01
50	0.70	0.37	0.00	0.03	0.01	0.02	0.02	0.01	0.02
51	1.43	0.14	0.00	0.04	0.00	0.00	0.04	0.00	0.00
52	0.62	0.10	0.00	0.02	0.01	0.01	0.02	0.00	0.01
53	1.99	0.69	0.00	0.04	0.02	0.02	0.03	0.02	0.02
54	0.41	0.18	0.00	0.02	0.01	0.01	0.01	0.01	0.01
55	0.82	0.75	0.00	0.02	0.02	0.02	0.02	0.02	0.02
56	0.45	0.30	0.00	0.02	0.01	0.01	0.01	0.01	0.01
57	1.01	1.03	0.00	0.03	0.02	0.03	0.02	0.01	0.02
58	0.40	0.19	0.00	0.02	0.01	0.01	0.01	0.01	0.01
59	1.01	0.14	0.00	0.03	0.00	0.01	0.02	0.01	0.01
60	1.53	0.25	0.00	0.04	0.00	0.00	0.03	0.00	0.00
61	2.62	1.04	0.00	0.06	0.02	0.03	0.06	0.02	0.03
62	0.33	0.20	0.00	0.01	0.01	0.01	0.01	0.01	0.01
63	0.54	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
64	0.37	0.14	0.00	0.01	0.01	0.01	0.01	0.01	0.01
65	0.51	0.12	0.00	0.02	0.01	0.01	0.01	0.01	0.01
66	0.97	0.93	0.00	0.03	0.02	0.02	0.02	0.01	0.01
67	0.43	0.12	0.00	0.02	0.01	0.01	0.02	0.00	0.01
68	1.02	0.74	0.00	0.03	0.02	0.03	0.03	0.02	0.02
69	0.37	0.18	0.00	0.02	0.01	0.01	0.01	0.01	0.01
70	0.43	0.13	0.00	0.02	0.01	0.01	0.01	0.01	0.01
71	1.29	0.39	0.00	0.03	0.01	0.01	0.03	0.00	0.00
72	0.46	0.25	0.00	0.02	0.01	0.01	0.02	0.01	0.01
73	0.74	0.80	0.00	0.03	0.02	0.02	0.02	0.02	0.02
74	0.62	0.46	0.00	0.02	0.02	0.02	0.02	0.01	0.02
75	1.71	1.47	0.00	0.05	0.03	0.04	0.04	0.02	0.03
76	3.98	1.22	0.00	0.09	0.02	0.02	0.08	0.01	0.01
77	0.38	0.18	0.00	0.02	0.01	0.01	0.01	0.01	0.01
78	0.42	0.21	0.00	0.02	0.01	0.01	0.01	0.01	0.01
79	2.15	0.47	0.00	0.05	0.01	0.01	0.04	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.20	0.09	0.00	0.01	0.01	0.01	0.01	0.00	0.01
3	0.21	0.11	0.00	0.01	0.01	0.01	0.01	0.01	0.01
4	0.26	0.13	0.00	0.01	0.01	0.01	0.01	0.01	0.01
5	0.30	0.13	0.00	0.01	0.01	0.01	0.01	0.01	0.01
6	0.29	0.15	0.00	0.01	0.01	0.01	0.01	0.01	0.01
7	0.36	0.12	0.00	0.02	0.01	0.01	0.02	0.00	0.01
8	0.26	0.15	0.00	0.01	0.01	0.01	0.01	0.01	0.01
9	0.33	0.18	0.00	0.02	0.01	0.01	0.01	0.01	0.01
10	0.32	0.18	0.00	0.01	0.01	0.01	0.01	0.01	0.01
11	0.57	0.12	0.00	0.03	0.00	0.01	0.02	0.00	0.00
12	0.34	0.15	0.00	0.01	0.01	0.01	0.01	0.31	0.01
13	0.50	0.06	0.00	0.03	0.00	0.00	0.02	0.00	0.00
14	0.36	0.16	0.00	0.02	0.01	0.01	0.01	0.01	0.01
15	0.38	0.15	0.00	0.02	0.01	0.01	0.02	0.01	0.01
16	0.45	0.10	0.00	0.02	0.01	0.01	0.02	0.00	0.01
17	0.33	0.16	0.00	0.02	0.01	0.01	0.01	0.01	0.01
18	0.27	0.11	0.00	0.01	0.01	0.01	0.01	0.01	0.01
19	0.36	0.12	0.00	0.02	0.01	0.01	0.02	0.01	0.01
20	0.51	0.08	0.00	0.02	0.00	0.01	0.02	0.00	0.00
21	0.63	0.23	0.00	0.03	0.01	0.01	0.03	0.01	0.01
22	0.29	0.19	0.00	0.01	0.01	0.01	0.01	0.01	0.01
23	0.25	0.13	0.00	0.01	0.01	0.01	0.01	0.01	0.01
24	0.28	0.12	0.00	0.01	0.01	0.01	0.01	0.01	0.01
25	0.52	0.22	0.00	0.03	0.01	0.01	0.02	0.01	0.01
26	0.47	0.16	0.00	0.02	0.01	0.01	0.02	0.01	0.01
27	0.31	0.13	0.00	0.01	0.01	0.01	0.01	0.01	0.01
28	0.32	0.12	0.00	0.01	0.01	0.01	0.01	0.01	0.01
29	0.33	0.19	0.00	0.01	0.01	0.01	0.01	0.01	0.01
30	0.38	0.11	0.00	0.02	0.01	0.01	0.01	0.00	0.01
31	0.69	0.03	0.00	0.03	0.00	0.00	0.03	0.00	0.00
32	0.28	0.12	0.00	0.01	0.01	0.01	0.01	0.01	0.01
33	0.33	0.16	0.00	0.01	0.01	0.01	0.01	0.01	0.01
34	0.39	0.16	0.00	0.02	0.01	0.01	0.01	0.01	0.01
35	0.30	0.17	0.00	0.01	0.01	0.01	0.01	0.01	0.01
36	0.29	0.14	0.00	0.01	0.01	0.01	0.01	0.01	0.01
37	0.31	0.11	0.00	0.02	0.01	0.01	0.01	0.00	0.01
38	0.47	0.15	0.00	0.02	0.01	0.01	0.02	0.00	0.01
39	0.31	0.14	0.00	0.01	0.01	0.01	0.01	0.01	0.01
40	0.42	0.10	0.00	0.02	0.01	0.01	0.02	0.00	0.00
41	0.56	0.18	0.00	0.03	0.01	0.01	0.03	0.01	0.01
42	0.29	0.12	0.00	0.01	0.01	0.01	0.01	0.01	0.01
43	0.34	0.11	0.00	0.02	0.01	0.01	0.02	0.01	0.01
44	0.30	0.13	0.00	0.01	0.01	0.01	0.01	0.01	0.01
45	0.37	0.15	0.00	0.02	0.01	0.01	0.02	0.01	0.01
46	0.43	0.08	0.00	0.02	0.00	0.00	0.02	0.00	0.00
47	0.33	0.14	0.00	0.01	0.01	0.01	0.01	0.01	0.01
48	0.32	0.15	0.00	0.01	0.01	0.01	0.01	0.01	0.01
49	0.38	0.17	0.00	0.02	0.01	0.01	0.02	0.01	0.01
50	0.52	0.21	0.00	0.02	0.01	0.01	0.02	0.01	0.01
51	0.70	0.10	0.00	0.03	0.00	0.00	0.03	0.00	0.00
52	0.30	0.16	0.00	0.01	0.01	0.01	0.01	0.01	0.01
53	0.34	0.13	0.00	0.02	0.01	0.01	0.01	0.01	0.01
54	0.30	0.14	0.00	0.01	0.01	0.01	0.01	0.01	0.01
55	0.38	0.12	0.00	0.02	0.01	0.01	0.02	0.01	0.01
56	0.36	0.19	0.00	0.02	0.01	0.01	0.01	0.01	0.01
57	0.28	0.14	0.00	0.01	0.01	0.01	0.01	0.01	0.01
58	0.32	0.12	0.00	0.01	0.01	0.01	0.01	0.01	0.01
59	0.38	0.15	0.00	0.02	0.01	0.01	0.02	0.01	0.01
60	0.46	0.11	0.00	0.02	0.00	0.01	0.02	0.00	0.00
61	0.71	0.15	0.00	0.04	0.01	0.01	0.03	0.01	0.01
62	0.26	0.11	0.00	0.01	0.01	0.01	0.01	0.01	0.01
63	0.44	0.07	0.00	0.02	0.00	0.00	0.02	0.00	0.00
64	0.28	0.13	0.00	0.01	0.01	0.01	0.01	0.01	0.01
65	0.28	0.16	0.00	0.01	0.01	0.01	0.01	0.01	0.01
66	0.33	0.15	0.00	0.02	0.01	0.01	0.01	0.01	0.01
67	0.35	0.11	0.00	0.02	0.01	0.01	0.02	0.00	0.00
68	0.31	0.17	0.00	0.01	0.01	0.01	0.01	0.01	0.01
69	0.32	0.15	0.00	0.01	0.01	0.01	0.01	0.01	0.01
70	0.31	0.15	0.00	0.01	0.01	0.01	0.01	0.01	0.01
71	0.54	0.12	0.00	0.03	0.00	0.01	0.02	0.00	0.00
72	0.33	0.11	0.00	0.01	0.01	0.01	0.01	0.01	0.01
73	0.41	0.12	0.00	0.02	0.01	0.01	0.02	0.00	0.01
74	0.47	0.28	0.00	0.02	0.01	0.02	0.02	0.01	0.01
75	0.47	0.14	0.00	0.02	0.00	0.01	0.02	0.00	0.01
76	0.31	0.17	0.00	0.01	0.01	0.01	0.01	0.01	0.01
77	0.29	0.13	0.00	0.01	0.01	0.01	0.01	0.01	0.01
78	0.30	0.15	0.00	0.01	0.01	0.01	0.01	0.01	0.01
79	0.55	0.09	0.00	0.03	0.00	0.00	0.02	0.00	0.00
80	0.30	0.14	0.00	0.01	0.01	0.01	0.01	0.01	0.01

Estimated OCONUS Life Cycle Costs

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.16	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.59	0.52	0.00	0.02	0.01	0.02	0.02	0.01	0.02
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.53	0.00	0.00	0.01	0.01	0.02	0.01	0.01	0.01
11	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.08	0.01	0.00	0.00	2.00	0.00	0.00	2.00	0.00
13	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.21	0.03	0.00	0.01	0.00	0.00	0.01	0.00	0.00
16	0.54	0.52	0.00	0.02	0.01	0.02	0.02	0.01	0.02
17	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.32	0.70	0.00	0.01	0.01	0.01	0.01	0.01	0.01
20	1.62	0.41	0.00	0.03	0.01	0.01	0.02	0.00	0.00
21	0.33	0.27	0.00	0.01	0.01	0.01	0.01	0.01	0.01
22	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.63	0.54	0.00	0.02	0.01	0.02	0.02	0.01	0.02
25	0.26	0.05	0.00	0.01	0.00	0.00	0.01	0.00	0.00
26	0.58	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.19	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.97	0.72	0.00	0.02	0.01	0.02	0.01	0.01	0.01
31	2.06	1.31	0.00	0.03	0.02	0.02	0.03	0.02	0.03
32	0.22	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.10	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.29	0.05	0.00	0.01	0.00	0.00	0.01	0.00	0.00
35	0.21	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.18	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.31	0.68	0.00	0.00	0.01	0.01	0.00	0.01	0.01
38	0.14	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	1.38	1.31	0.00	0.03	0.03	0.03	0.02	0.02	0.02
40	1.66	0.52	0.00	0.03	0.01	0.01	0.02	0.00	0.01
41	0.33	0.38	0.00	0.01	0.01	0.01	0.01	0.01	0.01
42	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.20	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.70	0.63	0.00	0.02	0.02	0.02	0.02	0.02	0.02
47	0.14	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.68	0.92	0.00	0.01	0.02	0.02	0.01	0.01	0.01
49	0.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.17	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.73	0.17	0.00	0.00	8.00	0.00	0.00	0.00	0.00
52	0.32	0.07	0.00	0.01	0.00	0.00	0.01	0.00	0.00
53	0.75	0.56	0.00	0.02	0.01	0.02	0.02	0.01	0.02
54	0.11	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.44	0.63	0.00	0.01	0.01	0.01	0.01	0.01	0.01
56	0.09	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	0.73	0.89	0.00	0.01	0.01	0.02	0.01	0.01	0.01
58	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	0.62	0.15	0.00	0.01	0.00	0.00	0.00	0.00	0.00
60	1.08	0.34	0.00	0.02	0.01	0.01	0.01	0.00	0.00
61	1.91	0.89	0.00	0.03	0.02	0.02	0.02	0.02	0.02
62	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.23	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	0.63	0.78	0.00	0.01	0.01	0.02	0.01	0.01	0.01
67	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	0.71	0.59	0.00	0.02	0.02	0.02	0.02	0.01	0.02
69	0.06	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	0.75	0.36	0.00	0.01	0.00	0.00	0.00	0.00	0.00
72	0.13	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	0.33	0.69	0.00	0.01	0.01	0.01	0.01	0.01	0.01
74	0.15	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	1.24	1.35	0.00	0.03	0.03	0.03	0.0	02	0.02
76	3.66	1.38	0.00	0.07	0.03	0.03	0.0	01	0.02
77	0.09	0.05	0.00	0.00	0.00	0.00	0.0	00	0.00
78	0.12	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	1.68	0.52	0.00	0.03	0.01	0.01	0.02	0.00	0.01
80	2.75	2.21	2.00	2.21	2.00	2.00	2.21	2.00	2.00

Estimated CONUS Life Cycle Costs

Yr	Total Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.25	0.10	0.00	0.01	0.01	0.01	0.01	0.01	0.01
2	0.52	0.08	0.00	0.03	0.00	0.01	0.03	0.01	0.01
3	0.57	0.08	0.00	0.03	0.00	0.01	0.03	0.00	0.01
4	0.69	0.08	0.00	0.04	0.00	0.01	0.03	0.00	0.01
5	0.73	0.09	0.00	0.04	0.01	0.01	0.04	0.01	0.01
6	0.74	0.08	0.00	0.04	0.01	0.01	0.04	0.01	0.01
7	0.84	0.16	0.00	0.04	0.01	0.01	0.04	0.01	0.01
8	1.82	0.41	0.00	0.06	0.01	0.01	0.06	0.01	0.01
9	0.98	0.26	0.00	0.04	0.00	0.00	0.04	0.00	0.00
10	0.86	0.07	0.00	0.04	0.00	0.01	0.04	0.01	0.01
11	1.14	0.24	0.00	0.06	0.01	0.01	0.04	0.01	0.01
12	0.99	0.15	0.00	0.04	0.01	0.01	0.04	0.01	0.01
13	1.13	0.10	0.00	0.06	0.00	0.00	0.05	0.00	0.00
14	0.96	0.15	0.00	0.04	0.01	0.01	0.04	0.01	0.01
15	0.93	0.16	0.00	0.04	0.01	0.01	0.04	0.01	0.01
16	2.18	0.37	0.00	0.08	0.01	0.01	0.07	0.01	0.01
17	0.97	0.25	0.00	0.04	0.00	0.01	0.04	0.00	0.00
18	0.73	0.08	0.00	0.03	0.00	0.01	0.03	0.00	0.01
19	2.27	1.07	0.00	0.06	0.01	0.01	0.05	0.01	0.01
20	1.74	0.35	0.00	0.07	0.01	0.01	0.07	0.01	0.01
21	1.68	0.72	0.00	0.07	0.02	0.02	0.07	0.02	0.02
22	0.80	0.13	0.00	0.04	0.01	0.01	0.03	0.01	0.01
23	0.80	0.17	0.00	0.04	0.01	0.01	0.03	0.01	0.01
24	2.05	0.35	0.00	0.07	0.01	0.01	0.07	0.01	0.01
25	1.21	0.35	0.00	0.05	0.01	0.01	0.05	0.01	0.01
26	1.49	0.18	0.00	0.06	0.00	0.00	0.06	0.00	0.00
27	1.19	0.35	0.00	0.04	0.01	0.01	0.04	0.01	0.01
28	0.91	0.06	0.00	0.04	0.00	0.00	0.04	0.00	0.00
29	1.36	0.59	0.00	0.05	0.01	0.02	0.04	0.01	0.01
30	0.84	0.07	0.00	0.04	0.01	0.01	0.04	0.00	0.01
31	5.15	1.51	0.00	0.11	0.01	0.01	0.10	0.01	0.01
32	1.14	0.43	0.00	0.04	0.00	0.01	0.03	0.00	0.00
33	1.05	0.22	0.00	0.04	0.00	0.01	0.04	0.00	0.01
34	0.96	0.12	0.00	0.04	0.01	0.01	0.04	0.00	0.00
35	1.03	0.12	0.00	0.04	0.00	0.01	0.04	0.01	0.01
36	0.96	0.18	0.00	0.04	0.01	0.01	0.04	0.01	0.01
37	2.20	0.93	0.00	0.06	0.01	0.01	0.05	0.01	0.01
38	1.36	0.23	0.00	0.06	0.00	0.00	0.05	0.00	0.00
39	2.12	0.41	0.00	0.07	0.01	0.01	0.07	0.01	0.01
40	1.82	0.42	0.00	0.07	0.01	0.01	0.07	0.01	0.01
41	1.86	0.41	0.00	0.07	0.01	0.01	0.07	0.01	0.01
42	0.95	0.15	0.00	0.04	0.01	0.01	0.04	0.01	0.01
43	0.87	0.19	0.00	0.04	0.01	0.01	0.04	0.01	0.01
44	1.20	0.50	0.00	0.04	0.01	0.01	0.04	0.01	0.01
45	0.97	0.19	0.00	0.04	0.01	0.01	0.04	0.01	0.01
46	2.31	0.43	0.00	0.08	0.01	0.02	0.08	0.01	0.02
47	1.00	0.15	0.00	0.04	0.01	0.01	0.04	0.00	0.01
48	1.01	0.22	0.00	0.04	0.01	0.01	0.04	0.01	0.01
49	1.56	0.15	0.00	0.05	0.01	0.01	0.04	0.01	0.01
50	0.95	0.15	0.00	0.04	0.00	0.01	0.04	0.00	0.01
51	2.56	0.54	0.00	0.08	0.00	0.00	0.08	0.00	0.00
52	0.84	0.12	0.00	0.04	0.01	0.01	0.04	0.01	0.01
53	2.07	0.38	0.00	0.07	0.01	0.01	0.07	0.01	0.01
54	0.96	0.08	0.00	0.04	0.00	0.01	0.04	0.00	0.01
55	2.37	1.30	0.00	0.05	0.01	0.01	0.05	0.01	0.01
56	1.15	0.31	0.00	0.04	0.01	0.01	0.04	0.01	0.01
57	1.00	0.22	0.00	0.05	0.01	0.01	0.04	0.00	0.01
58	0.93	0.10	0.00	0.04	0.01	0.01	0.04	0.00	0.01
59	0.96	0.09	0.00	0.04	0.01	0.01	0.04	0.00	0.01
60	1.37	0.37	0.00	0.07	0.01	0.01	0.05	0.01	0.01
61	4.34	2.06	0.00	0.10	0.03	0.04	0.09	0.03	0.03
62	1.11	0.50	0.00	0.04	0.01	0.01	0.04	0.01	0.01
63	1.17	0.07	0.00	0.05	0.00	0.00	0.05	0.00	0.00
64	0.98	0.10	0.00	0.04	0.00	0.01	0.04	0.00	0.00
65	1.12	0.26	0.00	0.05	0.00	0.00	0.04	0.00	0.00
66	0.96	0.09	0.00	0.04	0.01	0.01	0.04	0.00	0.01
67	0.94	0.18	0.00	0.04	0.01	0.01	0.04	0.01	0.01
68	1.10	0.36	0.00	0.07	0.01	0.01	0.07	0.01	0.01
69	0.88	0.09	0.00	0.04	0.00	0.01	0.03	0.00	0.01
70	5.69	1.29	0.00	0.12	0.01	0.01	0.08	0.01	0.01
71	1.05	0.17	0.00	0.05	0.01	0.01	0.05	0.01	0.01
72	1.01	0.22	0.00	0.04	0.01	0.01	0.04	0.01	0.01
73	2.39	1.07	0.00	0.07	0.01	0.01	0.06	0.01	0.01
74	1.57	0.82	0.00	0.04	0.01	0.01	0.04	0.01	0.01
75	2.60	0.38	0.00	0.09	0.01	0.01	0.08	0.01	0.02
76	1.84	0.29	0.00	0.08	0.02	0.03	0.06	0.01	0.02
77	1.03	0.24	0.00	0.04	0.01	0.01	0.04	0.01	0.01
78	0.90	0.21	0.00	0.04	0.01	0.01	0.04	0.01	0.01
79	1.87	0.41	0.00	0.07	0.01	0.01	0.07	0.01	0.01
80	0.99	0.16	0.00	0.04	0.00	0.01	0.04	0.00	0.00

Estimated OCONUS Life Cycle Costs

Yr	Annual Required Maintenance Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.25	0.10	0.00	0.01	0.01	0.01	0.01	0.01	0.01
2	0.52	0.08	0.00	0.03	0.00	0.01	0.03	0.01	0.01
3	0.57	0.08	0.00	0.03	0.00	0.01	0.03	0.00	0.01
4	0.69	0.08	0.00	0.04	0.00	0.01	0.03	0.00	0.01
5	0.73	0.09	0.00	0.04	0.01	0.01	0.04	0.01	0.01
6	0.73	0.08	0.00	0.04	0.01	0.01	0.04	0.01	0.01
7	0.81	0.18	0.00	0.04	0.01	0.01	0.04	0.01	0.01
8	0.64	0.06	0.00	0.03	0.00	0.00	0.03	0.00	0.00
9	0.80	0.07	0.00	0.04	0.00	0.00	0.04	0.00	0.01
10	0.85	0.07	0.00	0.04	0.00	0.01	0.04	0.01	0.01
11	1.04	0.23	0.00	0.04	0.01	0.01	0.04	0.01	0.01
12	0.81	0.12	0.00	0.04	0.01	0.01	0.04	0.00	0.01
13	1.12	0.05	0.00	0.05	0.00	0.00	0.05	0.00	0.00
14	0.87	0.14	0.00	0.04	0.01	0.01	0.04	0.01	0.01
15	0.84	0.14	0.00	0.04	0.01	0.01	0.04	0.01	0.01
16	0.84	0.11	0.00	0.04	0.01	0.01	0.04	0.01	0.01
17	0.73	0.08	0.00	0.04	0.01	0.01	0.04	0.01	0.01
18	0.67	0.05	0.00	0.03	0.00	0.01	0.03	0.00	0.01
19	0.84	0.10	0.00	0.04	0.01	0.01	0.04	0.01	0.01
20	1.66	0.40	0.00	0.07	0.01	0.01	0.07	0.01	0.01
21	1.07	0.31	0.00	0.05	0.01	0.02	0.05	0.01	0.02
22	0.70	0.11	0.00	0.04	0.01	0.01	0.03	0.01	0.01
23	0.70	0.11	0.00	0.03	0.00	0.01	0.03	0.00	0.01
24	0.78	0.15	0.00	0.04	0.01	0.01	0.04	0.01	0.01
25	0.93	0.17	0.00	0.04	0.01	0.01	0.04	0.01	0.01
26	1.37	0.25	0.00	0.06	0.00	0.01	0.05	0.00	0.00
27	0.76	0.08	0.00	0.04	0.01	0.01	0.04	0.01	0.01
28	0.80	0.04	0.00	0.04	0.00	0.00	0.04	0.00	0.00
29	0.80	0.12	0.00	0.04	0.01	0.01	0.04	0.01	0.01
30	0.76	0.08	0.00	0.04	0.01	0.01	0.04	0.00	0.01
31	0.98	0.19	0.00	0.05	0.01	0.01	0.05	0.01	0.01
32	0.68	0.07	0.00	0.03	0.00	0.01	0.03	0.00	0.01
33	0.76	0.12	0.00	0.04	0.01	0.01	0.04	0.01	0.01
34	0.81	0.10	0.00	0.04	0.00	0.01	0.04	0.00	0.00
35	0.83	0.16	0.00	0.04	0.01	0.01	0.04	0.01	0.01
36	0.79	0.13	0.00	0.04	0.01	0.01	0.03	0.01	0.01
37	0.82	0.14	0.00	0.04	0.01	0.01	0.04	0.01	0.01
38	1.07	0.04	0.00	0.05	0.00	0.00	0.05	0.00	0.00
39	0.73	0.07	0.00	0.04	0.00	0.01	0.04	0.01	0.01
40	1.59	0.45	0.00	0.07	0.01	0.01	0.06	0.01	0.01
41	0.91	0.28	0.00	0.04	0.01	0.02	0.04	0.01	0.02
42	0.77	0.09	0.00	0.04	0.01	0.01	0.04	0.01	0.01
43	0.79	0.15	0.00	0.04	0.01	0.01	0.04	0.01	0.01
44	0.75	0.08	0.00	0.04	0.01	0.01	0.04	0.01	0.01
45	0.78	0.11	0.00	0.04	0.01	0.01	0.04	0.01	0.01
46	0.91	0.10	0.00	0.04	0.01	0.01	0.04	0.01	0.01
47	0.83	0.11	0.00	0.04	0.00	0.01	0.04	0.00	0.01
48	0.85	0.16	0.00	0.04	0.01	0.01	0.04	0.01	0.01
49	0.87	0.21	0.00	0.04	0.01	0.01	0.04	0.01	0.01
50	0.75	0.08	0.00	0.04	0.00	0.01	0.04	0.00	0.01
51	1.51	0.15	0.00	0.06	0.00	0.00	0.06	0.00	0.00
52	0.70	0.11	0.00	0.04	0.01	0.01	0.04	0.01	0.01
53	0.80	0.11	0.00	0.04	0.01	0.01	0.04	0.00	0.01
54	0.77	0.07	0.00	0.04	0.00	0.00	0.04	0.00	0.01
55	0.85	0.12	0.00	0.04	0.01	0.01	0.04	0.01	0.01
56	0.83	0.08	0.00	0.04	0.00	0.01	0.04	0.00	0.01
57	0.81	0.13	0.00	0.04	0.01	0.01	0.04	0.01	0.01
58	0.79	0.12	0.00	0.04	0.01	0.01	0.04	0.00	0.01
59	0.81	0.11	0.00	0.04	0.00	0.01	0.04	0.01	0.01
60	1.52	0.38	0.00	0.06	0.01	0.01	0.06	0.01	0.01
61	1.07	0.29	0.00	0.06	0.02	0.02	0.05	0.02	0.02
62	0.67	0.10	0.00	0.03	0.01	0.01	0.03	0.01	0.01
63	1.06	0.05	0.00	0.05	0.00	0.00	0.05	0.00	0.00
64	0.78	0.10	0.00	0.04	0.00	0.01	0.04	0.00	0.01
65	0.77	0.05	0.00	0.04	0.00	0.00	0.04	0.00	0.00
66	0.80	0.12	0.00	0.04	0.01	0.01	0.04	0.01	0.01
67	0.82	0.15	0.00	0.04	0.01	0.01	0.04	0.01	0.01
68	0.80	0.10	0.00	0.04	0.00	0.01	0.04	0.00	0.01
69	0.76	0.10	0.00	0.03	0.01	0.01	0.03	0.01	0.01
70	0.79	0.14	0.00	0.04	0.01	0.01	0.04	0.01	0.01
71	0.97	0.21	0.00	0.04	0.01	0.01	0.04	0.01	0.01
72	0.76	0.12	0.00	0.04	0.01	0.01	0.04	0.01	0.01
73	0.80	0.13	0.00	0.04	0.01	0.01	0.04	0.01	0.01
74	0.75	0.09	0.00	0.04	0.01	0.01	0.04	0.01	0.01
75	1.07	0.04	0.00	0.05	0.00	0.00	0.05	0.00	0.01
76	0.90	0.23	0.00	0.04	0.01	0.01	0.04	0.01	0.01
77	0.72	0.12	0.00	0.04	0.01	0.01	0.03	0.01	0.01
78	0.64	0.06	0.00	0.03	0.00	0.00	0.03	0.00	0.00
79	1.22	0.06	0.00	0.07	0.00	0.01	0.06	0.01	0.01
80	0.76	0.02	0.00	0.04	0.00	0.00	0.04	0.00	0.00

Yr	Major Component Replacement Dollars per SF Mean	SDev	90% +/-	Labor Hours Mean	SDev	90% +/-	Equipment Hours Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1.19	0.46	0.00	0.03	0.01	0.01	0.03	0.01	0.01
9	0.18	0.31	0.00	0.00	0.01	0.01	0.00	0.00	0.00
10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.11	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.09	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	1.33	0.45	0.00	0.03	0.01	0.01	0.03	0.01	0.01
17	0.24	0.30	0.00	0.00	0.01	0.01	0.00	0.00	0.00
18	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	1.43	0.99	0.00	0.02	0.00	0.01	0.01	0.00	0.00
20	0.08	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.81	0.42	0.00	0.02	0.01	0.01	0.02	0.01	0.01
22	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.10	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	1.27	0.46	0.00	0.03	0.01	0.01	0.03	0.01	0.01
25	0.28	0.38	0.00	0.00	0.01	0.01	0.00	0.00	0.00
26	0.12	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.43	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.56	0.49	0.00	0.01	0.01	0.01	0.00	0.00	0.00
30	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	4.17	1.33	0.00	0.06	0.00	0.00	0.05	0.00	0.00
32	0.46	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.29	0.27	0.00	0.01	0.01	0.01	0.00	0.00	0.00
34	0.16	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.20	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.17	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	1.38	0.82	0.00	0.02	0.00	0.00	0.01	0.00	0.00
38	0.29	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	1.39	0.43	0.00	0.03	0.01	0.01	0.03	0.01	0.01
40	0.24	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.96	0.46	0.00	0.03	0.01	0.01	0.03	0.01	0.01
42	0.18	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.09	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.46	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.18	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	1.40	0.48	0.00	0.03	0.01	0.02	0.03	0.01	0.02
47	0.17	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	0.68	0.35	0.00	0.01	0.01	0.01	0.00	0.00	0.00
50	0.20	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	1.86	0.58	0.00	0.02	0.00	0.00	0.02	0.00	0.00
52	0.14	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	1.27	0.48	0.00	0.03	0.01	0.01	0.03	0.01	0.01
54	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	1.61	1.18	0.00	0.02	0.00	0.00	0.01	0.00	0.00
56	0.31	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	0.99	0.11	0.00	0.01	0.01	0.01	0.01	0.00	0.00
58	0.14	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.14	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	3.27	1.80	0.00	0.04	0.02	0.02	0.03	0.01	0.02
62	0.44	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.20	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.36	0.29	0.00	0.01	0.01	0.01	0.00	0.00	0.00
66	0.16	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	1.29	0.44	0.00	0.03	0.01	0.01	0.03	0.01	0.01
69	0.12	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	4.90	1.32	0.00	0.08	0.01	0.02	0.04	0.01	0.01
71	0.79	0.33	0.00	0.01	0.01	0.01	0.01	0.00	0.00
72	0.25	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	1.60	0.96	0.00	0.03	0.01	0.01	0.02	0.01	0.01
74	0.82	0.73	0.00	0.01	0.00	0.00	0.01	0.00	0.00
75	1.53	0.37	0.00	0.04	0.01	0.0	067 03	0.01	0.01
76	0.94	0.40	0.00	0.03	0.03	0.0	02	0.01	0.01
77	0.32	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.27	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.65	0.35	0.00	0.01	0.00	0.00	0.00	0.00	0.00
80	0.22	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00

USACERL DISTRIBUTION

Chief of Engineers
ATTN: CEHEC-IM-LH (2)
ATTN: CEHEC-IM-LP (2)
ATTN: CEMP-EC
ATTN: CERD-L

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ATTN: CEHSC-FM-R

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ATTN: CECC-R

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ATTN: DTIC-FAB (2)