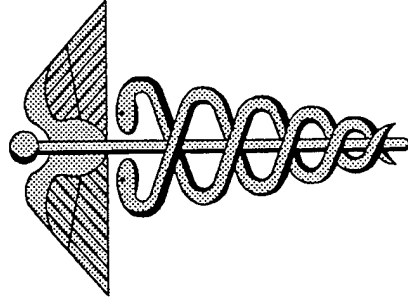
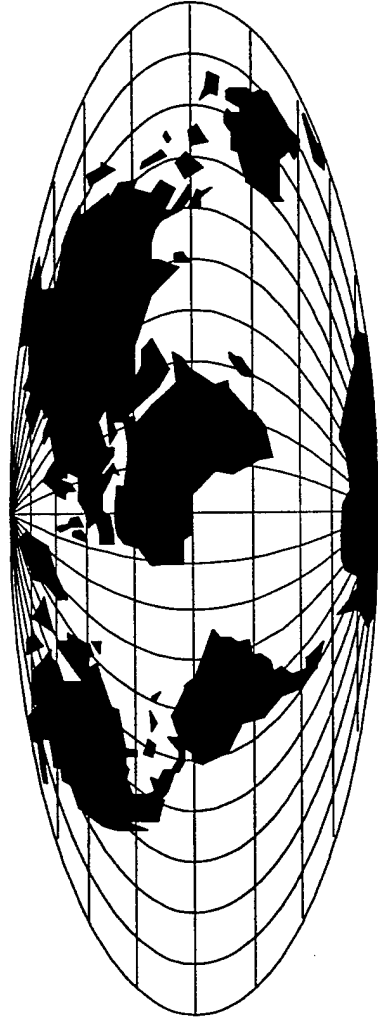
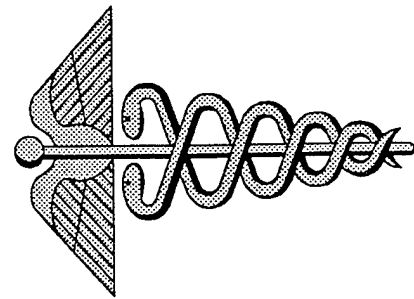


# DEFENSE HEALTH PROGRAM



## Real Property Maintenance and Minor Construction

DTIC QUALITY INSPECTED 3

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Volume III

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**DEFENSE HEALTH PROGRAM, VOLUME III  
REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION  
FY 1997 BUDGET ESTIMATES**

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**DEFENSE HEALTH PROGRAM APPROPRIATION  
FY 1997 BUDGET ESTIMATES  
REAL PROPERTY MAINTENANCE ACTIVITIES**

DoD Component: DHP  
Appropriation: Operation & Maintenance

Date: Feb 96

FY 1995

Functional Category at Work Functions	Workload Data (1)	Operation & Maintenance Costs (\$000)			Total	Military Personnel (\$000)	BMAR
		Civilian Personnel	Contracts	Other			
<b>Active Installations</b>							
1. Maintenance & Repair		27,104	247,394	36,514	311,012	0	577,621
a. Utilities		2,036	12,123	935	15,094	0	11,291
b. Other Real Property		25,068	235,271	35,579	295,918	0	566,330
(1) Buildings		23,859	227,045	34,998	285,902	0	558,597
(2) Other Facilities		297	1,239	152	1,688	0	766
(3) Pavements		204	3,940	128	4,272	0	5,967
(4) Land		708	3,047	301	4,056	0	1,000
(5) Railroad Trackage		0	0	0	0	0	0
2. Minor construction		12	76,891	5,501	82,404	0	
3. Operation of Utilities		2,882	20,241	89,305	112,428	0	
a. Electricity- Purchased		13	10,357	52,392	62,762	0	
b. Electricity-In House		0	342	72	414	0	
c. Heat-Purchased Steam/Water		0	795	14,801	15,596	0	
d. Heat-In House Generated Steam/Water		1,332	5,416	5,593	12,341	0	
e. Water Plants & Systems		195	737	6,326	7,258	0	
f. Sewage Plants & Systems		271	818	4,156	5,245	0	
g. Air Conditioning & Refrigeration		168	67	3,779	4,014	0	
h. Other		903	1,709	2,186	4,798	0	
4. Other Engineering Support		12,595	88,628	2,037	103,260	0	
a. Services		5,656	81,661	695	88,012	0	
b. Admin & Overhead		6,939	6,967	909	14,815	0	
c. Rentals, Leases & Easements		0	0	433	433	0	
Total Active Installations		42,593	433,154	133,357	609,104	0	577,621
Inactive Installations							
Grand Total		42,593	433,154	133,357	609,104	0	577,621

(1) The majority of real property maintenance support is purchased from host installation in the form of lump sum reimbursements. In many instances, medical activities co-exist with other non-medical operations. Additionally, the quantification of workload data in terms of its utility as a management tool has not been cost effective. As a result, workload data is not included.

**DEFENSE HEALTH PROGRAM APPROPRIATION  
FY 1997 BUDGET ESTIMATES  
REAL PROPERTY MAINTENANCE ACTIVITIES**

DoD Component: DHP  
Appropriation: Operation & Maintenance

Date: Feb 96

FY 1996

Functional Category at Work Functions	Workload Data (1)	Operation & Maintenance Costs (\$000)			Total	Military Personnel (\$000)	BMMAR
		Civilian Personnel	Contracts	Other			
<b>Active Installations</b>							
1. Maintenance & Repair		21,639	234,863	44,508	301,010	0	628,593
a. Utilities		3,291	13,055	1,417	17,763	0	11,918
b. Other Real Property		18,348	221,808	43,091	283,247	0	616,675
(1) Buildings		16,638	215,721	41,841	274,200	0	606,771
(2) Other Facilities		275	1,452	613	2,340	0	1,072
(3) Pavements		447	1,137	197	1,781	0	8,832
(4) Land		988	3,498	440	4,926	0	0
(5) Railroad Trackage		0	0	0	0	0	0
2. Minor construction		0	46,586	8,685	55,271	0	0
3. Operation of Utilities		2,889	27,504	87,099	117,492	0	0
a. Electricity - Purchased		10	11,741	52,211	63,962	0	0
b. Electricity - In House		0	454	166	620	0	0
c. Heat-Purchased Steam/Water		0	4,045	12,141	16,186	0	0
d. Heat-In House Generated Steam/Water		1,496	4,888	10,034	16,418	0	0
e. Water Plants & Systems		200	1,719	5,513	7,432	0	0
f. Sewage Plants & Systems		260	1,736	3,478	5,474	0	0
g. Air Conditioning & Refrigeration		143	2,921	1,114	4,178	0	0
h. Other		780	0	2,442	3,222	0	0
4. Other Engineering Support		12,137	78,826	4,375	95,338	0	0
a. Services		6,174	65,095	1,828	73,097	0	0
b. Admin & Overhead		5,963	13,529	1,048	20,540	0	0
c. Rentals, Leases & Easements		0	202	1,499	1,701	0	0
Total Active Installations		36,665	387,779	144,667	569,111	0	628,593
Inactive Installations							
Grand Total		36,665	387,779	144,667	569,111	0	628,593

(1) The majority of real property maintenance support is purchased from host installation in the form of lump sum reimbursements. In many instances, medical activities co-exist with other non-medical operations. Additionally, the quantification of workload data in terms of its utility as a management tool has not been cost effective. As a result, workload data is not included.

**DEFENSE HEALTH PROGRAM APPROPRIATION  
FY 1997 BUDGET ESTIMATES  
REAL PROPERTY MAINTENANCE ACTIVITIES**

DoD Component: DHP  
Appropriation: Operation & Maintenance

Date: Feb 96

Functional Category at Work Functions	FY 1997	Operation & Maintenance Costs (\$000)			Total	Military Personnel (\$000)	BMMAR
		Workload Data (1)	Civilian Personnel	Contracts			
<b>Active Installations</b>							
1. Maintenance & Repair	18,097		229,430		292,742	0	691,050
a. Utilities	2,802		11,648		15,657	0	11,729
b. Other Real Property	15,295		217,782		277,085	0	679,321
(1) Buildings	13,726		211,213		267,613	0	669,724
(2) Other Facilities	350		1,886		2,957	0	1,066
(3) Pavements	450		1,226		1,876	0	8,531
(4) Land	769		3,457		4,639	0	0
(5) Railroad Trackage	0		0		0	0	0
2. Minor construction	0		36,432		39,620	0	0
3. Operation of Utilities	2,851		32,125		123,465	0	0
a. Electricity- Purchased	10		16,004		68,774	0	0
b. Electricity-In House	0		468		637	0	0
c. Heat-Purchased Steam/Water	0		4,469		17,235	0	0
d. Heat-In House Generated Steam/Water	1,526		4,919		16,865	0	0
e. Water Plants & Systems	200		1,606		7,318	0	0
f. Sewage Plants & Systems	260		1,684		5,454	0	0
g. Air Conditioning & Refrigeration	147		2,866		3,867	0	0
h. Other	708		109		3,315	0	0
4. Other Engineering Support	12,386		79,312		95,359	0	0
a. Services	6,323		66,445		74,458	0	0
b. Admin & Overhead	6,063		12,765		20,064	0	0
c. Rentals, Leases & Easements	0		102		837	0	0
<b>Total Active Installations</b>	<b>33,334</b>		<b>377,299</b>		<b>551,186</b>	<b>0</b>	<b>691,050</b>
<b>Inactive Installations</b>							
<b>Grand Total</b>	<b>33,334</b>		<b>377,299</b>		<b>551,186</b>	<b>0</b>	<b>691,050</b>

(1) The majority of real property maintenance support is purchased from host installation in the form of lump sum reimbursements. In many instances, medical activities co-exist with other non-medical operations. Additionally, the quantification of workload data in terms of its utility as a management tool has not been cost effective. As a result, workload data is not included.

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**DEFENSE HEALTH PROGRAM APPROPRIATION**  
**FY 1997 BUDGET ESTIMATES**  
**BACKLOG OF MAINTENANCE AND REPAIRS (BMAR) OF REAL PROPERTY**  
**(\$ IN THOUSANDS)**

DoD Component: DHP  
 Appropriation: Operation & Maintenance  
 Date: Feb 96

	FY 1995	FY 1996	FY 1997
A. BACKLOG - BEGINNING OF YEAR	563,042	584,626	638,051
(BACKLOG CARRIED FORWARD FROM PRIOR YEARS)			
(MINUS BACKLOG MORE THAN FOUR YEARS OLD)	550,539	577,621	628,593
(ADJUSTED BACKLOG CARRIED FORWARD)	(3,068)	(4,458)	(4,277)
(INFLATION ADJUSTMENT)	547,471	573,163	624,316
(FOREIGN CURRENCY REVALUATION)	15,571	11,463	13,735
	0	0	0
B. REQUIREMENTS:	344,668	353,103	364,187
(RECURRING MAINTENANCE & REPAIRS			
(MAJOR REPAIR PROJECTS)	205,377	207,349	211,932
(BACKLOG DETERIORATION)	91,462	95,016	98,609
	47,829	50,738	53,646
C. TOTAL REQUIREMENTS (A + B)	907,710	937,729	1,002,238
D. PROGRAM ADJUSTMENTS:	330,089	309,136	311,188
(DIRECT PROGRAM FUNDING)	311,012	301,010	292,742
(FUNDS MIGRATION FROM OTHER PROGRAM AREAS)	12,000	0	0
(NET OTHER ADJUSTMENTS)	7,077	8,126	18,446
E. BACKLOG - END OF YEAR (C - D)	577,621	628,593	691,050
F. PERCENT BMAR CHANGE (E / A)	103%	108%	108%

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DEFENSE HEALTH PROGRAM APPROPRIATION  
 FY 1997 BUDGET ESTIMATES  
 OPERATIONS & MAINTENANCE COSTS  
 Real Property Maintenance and Minor Construction Projects  
 (HISTORIC BUILDINGS COSTS)

DoD Component: DHP  
 Appropriation: O&M

	FY 1995	FY 1996	FY 1997
	(\$000)		
<b>HISTORIC BUILDINGS (Excluding Family Housing)</b>			
A. No. of Facilities	15	15	15
B. Minor Construction	511	115	155
C. Major Repair (projects costing over \$25,000.00)	406	1,405	2,333
D. Recurring Maintenance (projects costing \$25,000.00 or under)	957	642	655
<b>Grand Total</b>	<b>1,874</b>	<b>2,162</b>	<b>3,143</b>

**Defense Health Program Appropriation**  
**FY 1997 Budget Estimates**  
**Real Property Maintenance Activities**  
**Major Repair/Major Repair With Concurrent Minor Construction Projects**  
**(Costing more than \$500,000.00)**

<u>FY 1995</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
AK	Bassett Army Hospital	Fire Door Dampers, Fire Alarms	1,275
	Justification: Life, safety upgrade.		
CA	NH CPEN	Repair Hosp Elevator Phase I, Bldg H-100, R1-87(01)	1,104
	Justification: Repair by replacement of six elevators. The hospital is experiencing numerous problems with these elevators, such as; vibrate excessively when running at rated speed; get stuck on and between floors, skip "punched" floors; and doors open up to 12 inches above or below floor level. Adversely affects mission, safety.		
CT	NH GROTN	RPR A/C, Bldg 449, RA1-89(2)	1,890
	Justification: Repair by replacement needed to deteriorated and inefficient air conditioning and cooling tower systems. Humidity and temperature control needed to main operating rooms, recovery, labor and delivery, etc. Air conditioning is mandatory for infection control. Adversely affects mission, safety, morale.		
CO	Fitzsimons AMC	Repair Elevators #1, #2, and #3 Bldg 500	990
	Justification: Age of elevators require constant repairs. DPW personnel do not have the expertise to repair and maintain the equipment.		

**Defense Health Program Appropriation**  
**FY 1997 Budget Estimates**  
**Real Property Maintenance Activities**  
**Major Repair/Major Repair With Concurrent Minor Construction Projects**  
**(Costing more than \$500,000.00)**

<u>FY 1995</u>	<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
CO		Fitzsimons AMC	Repair Elevators East and West Wings of Bldg 500	534
			Justification: Age of elevators require constant repairs. DPW personnel do not have the expertise to repair and maintain the equipment.	
CO		USAF Academy	North Central Corridor Clinic Remodel/Bldg 4102	1,021
			Justification: Comprehensive remodeling to eliminate life safety deficiencies; upgrade lighting; install mandatory fire sprinkler system, fire alarms, and fire detection systems; improve existing ventilation systems; and incorporate expanded/relocated clinics.	
DC		WRAMC	Install Fire Alarm System, Bldg. 2	1,219
			Justification: Project removes existing alarm system and installs new voice evacuation system, supplementary modules, fire alarms graphics annunciator panels and integrates system into existing radio transmitter.	
FL		NH JAX	Renovate Food Services Area, Bldg. H-2080, RCE4-91	2335
			Justification: Repairs required include steam distribution, floor drains, exhaust ventilation, and lighting. Exhaust vents and hoods will be replaced to include fire protection equipment. Replacement needed for plumbing in crawlspace and cooling equipment.	

**Defense Health Program Appropriation  
 FY 1997 Budget Estimates  
 Real Property Maintenance Activities  
 Major Repair/Major Repair With Concurrent Minor Construction Projects  
 (Costing more than \$500,000.00)**

<u>FY 1995</u>	<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	(\$000) <u>Cost</u>
	FL	MacDill AFB	Alter Food Prep Area  Justification: Replacement and modernization of existing food preparation area in the medical facility to improve work space and flow.	500
	GA	Martin Army Hospital	Duct Cleaning  Justification: To comply with OSHA standards.	700
	GA	EAMC	Repair 12 Air Handler Units  Justification: To maintain JCAHO accreditation standards.	540
	GE	Bitburg AB	Replace Interior Doors, LS Requirement  Justification: Interior doors to 1950's-era building require upgrade to meet life safety requirements.	524
	GE	Ramstein AB	Repair 4th Floor, Repair Heat Bldg 2121  Justification: Project provides comprehensive repair to existing mechanical room and upgrades HVAC systems to meet current demands for heating/cooling.	2,015
	GU	Andersen AFB	Replace Clinic Carpet  Justification: Replace existing worn floor coverings to improve facility's appearance.	530

**Defense Health Program Appropriation**  
**FY 1997 Budget Estimates**  
**Real Property Maintenance Activities**  
**Major Repair/Major Repair With Concurrent Minor Construction Projects**  
**(Costing more than \$500,000.00)**

FY 1995 State	<u>Location/Installation</u>	<u>Project Title</u>	(\$000) <u>Cost</u>
HI	NMCL PEARL	Replace Roof, RC1-95	593
	<p><u>Justification:</u> Repairs replacement to deteriorated, leaking roof. This outpatient clinic suffers numerous roof leaks during and after rains. Failure to repair will impact on usage of building and potentially loss of the structure itself.</p>		
IL	NH GLAKES	Install Dampers/Repair Fire Dampers System, Bldg. 200-H, R5-92	2,924
	<p><u>Justification:</u> This project is required based on the need for fire/smoke dampers and automatic air handling unit shutdown capability as required by NFPA 101, the Life Safety Code. Project will provide fire alarm and electrical system, air handling units, fire dampers, smoke barriers, and smoke dampers as required.</p>		
JA	NH OKI	Replace Chillers (Camp Lester), Bldg. 6010, RA1-93	539
	<p><u>Justification:</u> Repair by replacement of 37 year old chiller plant consisting of four 350-ton centrifugal water chillers which use refrigerant R-11. these chillers have exceeded their useful life. Maintenance and repair is more and more difficult and costly due to non-availability of parts in stock and having to back-order for special production. The refrigerant R-11 will be phase out and no longer available after 1995.</p>		
JA	Yokota AB	Correct Life Safety Hospital	2,845

**Defense Health Program Appropriation**  
**FY 1997 Budget Estimates**  
**Real Property Maintenance Activities**  
**Major Repair/Major Repair With Concurrent Minor Construction Projects**  
**(Costing more than \$500,000.00)**

FY 1995 State	<u>Location/Installation</u>	<u>Project Title</u>	(\$000) <u>Cost</u>
		<u>Justification:</u> Provides corrective actions to eliminate life safety deficiencies and bring facility into compliance with codes.	
JA	Yokota AB	Upgrade Mechanical/Electrical	1,386
		<u>Justification:</u> Upgrade aged systems. Addition of energy efficient control systems and lighting.	
KY	Blanchfield Army Hospital	Replace Fire Alarm System	850
		<u>Justification:</u> Life, safety upgrade.	
KY	Blanchfield Army Hospital	Energy Remediation 3 Dental Clinics	1,982
		<u>Justification:</u> Energy remediation contract to upgrade heating/cooling system. Present system is old and unreliable.	
KY	Blanchfield Army Hospital	Energy Remediation TMC 2-8	772
		<u>Justification:</u> Energy remediation contract to upgrade heating/cooling system. Present system is old and unreliable.	

**Defense Health Program Appropriation  
 FY 1997 Budget Estimates  
 Real Property Maintenance Activities  
 Major Repair/Major Repair With Concurrent Minor Construction Projects  
 (Costing more than \$500,000.00)**

<u>FY 1995</u>	<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
	MD	Andrews AFB	Replace Refrigerant Systems	850
		<u>Justification:</u> Replacement of all 1950's vintage refrigerant systems in medical center. Project will eliminate inefficient, uneconomical systems.		
	MO	Leonard Wood Army Hosp	Replace Cooling Towers	818
		<u>Justification:</u> Brings equipment into compliance with current codes and standards.		
	MO	Scott AFB	Renovate Lambert Clinic	868
		<u>Justification:</u> Revitalize clinic space located in first floor of 131 FW HQ building to allow the 131st to share this space with a satellite clinic of the Scott Medical center. Project includes alterations to HVAC system, electrical system, plumbing, and lead lining for installation of an X-ray unit.		
	NE	Offutt AFB	Alter/Repair Bldg 527	1,544
		<u>Justification:</u> Alteration and repair of existing medical facility to include modernization of wall and floor coverings, drapes, furnishings, and artwork. Aged appearance detracts from patient perception of quality of care.		

**Defense Health Program Appropriation**  
**FY 1997 Budget Estimates**  
**Real Property Maintenance Activities**  
**Major Repair/Major Repair With Concurrent Minor Construction Projects**  
**(Costing more than \$500,000.00)**

<u>FY 1995</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
Pan	Howard AFB	Clinic Renovation	3,273
	<u>Justification:</u> Upgrade the aging facility to meet expanding mission requirements. Closure of Army Medical Facility will necessitate the expansion of clinical capabilities at the Howard Clinic to meet the needs of a large beneficiary population.		
PR	NH ROOSRD	Replace Medical Gas/Vacuum System	550
	<u>Justification:</u> Current system is beyond economical repair and does not comply with JCAHO and NFPA requirements. Project will repair numerous oxygen leaks and provide adequate vacuum in operating rooms.		
RI	NH NPT	Repairs and Alterations to Medical Support Spaces, Bldg. 44, RCE1-91	1,066
	<u>Justification:</u> Facility constructed in 1942. Exterior repairs include repointing and sealing the exterior brick veneer, replacing the windows, and replacing the deteriorated, leaking roof.		
SC	NH BFT	Replace Liquid Chillers, RA8-93(2)	542
	<u>Justification:</u> Repair by replacement for two 250 ton centrifugal liquid chillers which were installed in 1949. Chillers are dysfunctional and beyond repairs. Replace one 580 ton liquid chillers which was installed in 1976. Replace condenser water pumps, chill water pumps and hot water pumps. Retrofitting was considered but the cost is exuberant.		

**Defense Health Program Appropriation**  
**FY 1997 Budget Estimates**  
**Real Property Maintenance Activities**  
**Major Repair/Major Repair With Concurrent Minor Construction Projects**  
**(Costing more than \$500,000.00)**

<b>FY 1995</b>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
SC	NH BFT	Replace Air Handling Units R2-94	521
		<u>Justification:</u> Repairs required to the existing air handling units. Air handling units casings are rusted, some have holes in the casings, filter racks are rusted and deteriorated, and fins are too deteriorated for proper heat transfer.	
SC	NH CHASN	Replace Chilled Water Plant, NH-1, RC1-95	1,470
		<u>Justification:</u> The current chillers were installed in 1973. The life expectancy of the equipment is 15 years. Chillers are leaking and numerous down times have become routine. Project will provide replacement of the current chillers with three 470 tons each centrifugal units, new cooling towers and pumps.	
TX	NH CORPUS	Repair Air Handlers and Duct Work, H-100, R2-92	1,325
		<u>Justification:</u> Repair by replacement all air handler units, the pre-heat coils, filter racks, and outside air intake ducts. These repairs are necessary due to major corrosion which has occurred from the high salinity of the ambient air.	
TX	BAMC	Rhodes Dental Clinic Renovation	716
		<u>Justification:</u> To correct deficiencies in the physical plant, and to meet current infection control and OSHA standards.	

**Defense Health Program Appropriation  
 FY 1997 Budget Estimates  
 Real Property Maintenance Activities  
 Major Repair/Major Repair With Concurrent Minor Construction Projects  
 (Costing more than \$500,000.00)**

<u>FY 1995</u>	<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
TX		Lackland AFB	Upgrade Interior Bldg 7206	700
			<u>Justification:</u> 1951-era building which houses Behavioral Analysis Clinic. Interior upgrade required to match ongoing exterior upgrade. Electrical and mechanical systems substandard and near termination of equipment life expectancy.	
UK		Lakenheath AB	Repair Main Hospital	3,900
			<u>Justification:</u> Comprehensive project to repair aged facility and compensate for inadequate space. Project corrects numerous life safety problems to bring facility into compliance with code.	
UK		Lakenheath AB	Hospital Water Storage	636
			<u>Justification:</u> Complete modernization of medical facility's water storage capability.	
UK		Lakenheath AB	Construct Flight Medicine Addition	841
			<u>Justification:</u> Addition required to meet increased patient/staff space requirements. Existing space inadequate.	
UK		Lakenheath AB	Repair/Renovate Med Supply Bldg 930	995
			<u>Justification:</u> Existing facility in disrepair. Warehouse layout inadequate for volume of materiel requiring storage and handling. Environmental systems/controls inadequate for maintaining correct storage climate.	

**Defense Health Program Appropriation**  
**FY 1997 Budget Estimates**  
**Real Property Maintenance Activities**  
**Major Repair/Major Repair With Concurrent Minor Construction Projects**  
**(Costing more than \$500,000.00)**

<u>FY 1995</u>	<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
	VA	NMCL QUANT	Repair Replace Med Clinic (Windows), Bldg. 2200, RA1-88(3)  <u>Justification:</u> The existing windows are completely worn out and nonfunctional. The windows leak excessively allowing infiltration of water, outside air, and insects. New windows will improve energy efficiency and enhance the quality of the working environment.	585
	WA	Fairchild AFB	Interior/Utility Upgrade Bldg 9000  <u>Justification:</u> Project will replace and extend the existing HVAC system and remove asbestos incident to work. Replacement of medical air compressor, vacuum pump, and gas columns included. Associated with MILCON project to correct utility/life safety problems.	2,800
	WA	Fairchild AFB	Upgrade MTF Interior  <u>Justification:</u> Overall upgrade to wall and floor coverings, and furnishings. Worn, outdated appearance affects patient's perception of quality of care.	825
	WA	McChord AFB	Renovate Dental Clinic  <u>Justification:</u> Project upgrades interior/exterior of outdated dental clinic.	1,270



**Defense Health Program Appropriation**  
**FY 1997 Budget Estimates**  
**Real Property Maintenance Activities**  
**Major Repair/Major Repair With Concurrent Minor Construction Projects**  
**(Costing more than \$500,000.00)**

<u>FY 1996</u>	<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	(\$000) <u>Cost</u>
AK		Bassett Army Hospital	Repair/Upgrade Electrical System, Phase II	1,380
			<u>Justification:</u> Project needed to correct serious deficiencies. Project will bring a reliable system on line.	
AK		Bassett Army Hospital	Replace Failed Water Lines, Valves and Drains	3,050
			<u>Justification:</u> Repairs will bring the entire plumbing system into compliance with JCAHO standards.	
AZ		Luke AFB	Telephone Switch	500
			<u>Justification:</u> Telephone switch system required in conjunction with military construction project	
CA		NH CPEN	Repairs to Air Conditioning System, Bldg H-100, R2-89(2)	779
			<u>Justification:</u> Phase II. Repair by replacement needed to HVAC system by replacing with an energy efficient system. Repairs needed frequently to deteriorating existing system. Adversely affecting mission, safety.	

**Defense Health Program Appropriation  
 FY 1997 Budget Estimates  
 Real Property Maintenance Activities  
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<u>FY 1996</u> <u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
CA	NH LEMOORE	Provide Smoke Barriers and Smoke Compartments, Bldg 930, R1-90	765
		<u>Justification:</u> Phase II. Repair by replacement needed to deteriorated and inefficient air conditioning and cooling tower systems. Humidity and temperature control needed to main operating rooms, recovery, labor and delivery, etc. Air conditioning is mandatory for infection control. Adversely affects mission, safety, morale.	
CA	Edwards AFB	Renovate Surgery/replace or HVAC	552
		<u>Justification:</u> Project replaces existing HVAC system, upgrades electrical components, replaces ceiling, and creates a new backstairs exit. Current layout does not meet modern surgical practice standards.	
CA	Travis AFB	Repair/Repaint Exterior	990
		<u>Justification:</u> Upkeep on exterior surfaces to maintain appearances for one of AF's newer medical facilities.	
CA	Travis AFB	Repair Hospital EMCS	1,500
		<u>Justification:</u> Current EMCS is outdated and has limited repair parts capability.	

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<u>FY 1996</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
DC	WRAMC	Repair HVAC System, Bldg 54A  <u>Justification:</u> Project corrects mechanical system deficiencies in order to meet stringent lab pressurization standards and removes asbestos. Repairs are needed to meet OSHA, ACGIH, and USAEPA standards.	650
DE	Dover AFB	CID Upgrade	880
DE	Dover AFB	Replace HVAC Labor/Surgery  <u>Justification:</u> Upgrade to interior of bldg 300 to include wall coverings, drapes, pictures, furniture, and signage. Improved appearance key to positive patient view of medical facility.	3,000
GA	EAMC	Replace Chiller  <u>Justification:</u> Current ventilation system inadequate. Return air requirement not met. Project provides new HVAC, sprinkler system, and fire detection system to correct life safety deficiencies.	1,865

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<u>FY 1996</u> <u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
GA	EAMC	Renovate, Upgrade Heating System	1,200
		<u>Justification:</u> Modification will make system energy efficient and bring equipment into compliance with current standards and codes.	
GA	EAMC	Renovate Fire Sprinkler System	1,121
		<u>Justification:</u> Repairs will bring the fire sprinkler system into compliance with JCAHO standards.	
GA	EAMC	Replace Electrical Power Transfer Switches	820
		<u>Justification:</u> These switches transfer commercial power to emergency generators and current equipment is 20 years old.	
GA	EAMC	Replace Pneumatic Transit Tube System	600
		<u>Justification:</u> Current equipment is over 25 years old.	
GA	EAMC	Painting, Wall-Papering, and Ceiling and Floor Tile Replacement	950
		<u>Justification:</u> Preventive maintenance is required to portray professional image of the medical center.	

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<u>FY 1996</u>	<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
GA		EAMC	Replace Fire alarm System	850
			<u>Justification:</u> Replacement system is in compliance with the ADA.	
GA		Moody AFB	Repair/Alter Dental Clinic	760
			<u>Justification:</u> This project will significantly upgrade dental services through a combination of addition and alteration to exiting facilities. It entails a 2,000 SF addition to accommodate administrative functions of the dental clinic and renovation of 3,867 SF to accommodate 13 DTRs, laboratory, and central sterilization.	
GU		NH Guam	Replace Air Conditioning and Refrigeration Equipment Bldg. 1, R2-94	1,099
			<u>Justification:</u> Repair by replacement to the existing air conditioning and refrigeration systems with an environmentally conforming type air conditioning and refrigeration system. Current systems are using Freon 11 and 12 which are considered hazardous substances due to toxic vapors that they emit.	
GU		Andersen AB	Add/Alter OB/GYN	600
			<u>Justification:</u> Project required to expand/provide space for expanded obstetrical/gynecological services.	

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<u>FY 1996</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
HI	Schofield Barracks	Renovate Bldgs 686, 677, 681, 684, 685	8,100
		<u>Justification:</u> Replacement system is in compliance with the ADA.	
IC	NH KEFLVK	Interior Repairs and Life Safety Project, Bldg. 710, R35-93	705
		<u>Justification:</u> This project provides essential repairs to correct health, safety, and fire safety hazards. Repairs include 1) fire rated ceiling and wall, 2) heating and ventilating system, 3) replace generator and underground fuel oil tank, 4) repair refrigeration alarm system.	
IL	NH GLAKES	Replace Absorption Chiller Units, Bldg 130H, R12-93	528
		<u>Justification:</u> Repair by replacement of two existing single-effect chiller units with new two stage natural gas fired absorption chillers. the existing units are 21 years old and are in need of replacement. the existing system has recently required increased and costly maintenance and repairs. This equipment is required to support the current mission of the hospital complex.	
IL	NH GLAKES	Electrical/Structural Repairs, 200-H, RC4-90	1,233
		<u>Justification:</u> Repair by replacement all pumps, controls, gauges, and operating systems for HVAC and potable water. Also, repair by replacement deficient electric panels to meet current codes, and cooling tower to correct safety and operational discrepancies in the 34 year old structure. Adversely affects mission, safety, morale. Minor construction cost - \$79K.	

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<u>FY 1996</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
IL	Scott AFB	Emergency Power Companion	928
		Justification: Project upgrades the current system and provides an emergency power plant outside the basement of the facility. Provides the medical facility electrical power in the event commercial power sources are lost.	
JA	NH OKI	Replace HVAC System (Phase I) Bldg. 6000, R5-93(1)	3,037
		Justification: Repair by replacement to 37 year old chiller plant consisting of four 350-ton centrifugal water chillers which use refrigerant R-11. these chillers have exceeded their useful life. Maintenance and repair is more and more difficult and costly due to non-availability of parts in stock and having to back-order for special production. The refrigerant R-11 will be phase out and no longer available after 1995.	
JA	NH OKI	Replace Boilers (Camp Lester), Bldg. 6010, R3-93	664
		Justification: Repair by replacement of entire (1950's vintage deteriorating heating, ventilation, and air conditioning system (HVAC). The HVAC system is presently not air-balanced, which affects compliance of room pressurization criteria, indoor air quality, as well as the overall system performance. For cooling, high room humidities have resulted in dew point condensation with resulting dampness, mildew and fungus growth, odors, accelerated corrosion and deterioration of medical equipment.	

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<b>FY 1996</b>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
JA	Yokota AB	Correct Life Safety Clinic	3,000
		<u>Justification:</u> Correction of life safety deficiencies to bring facility into compliance with code.	
JA	Yokota AB	Extend Emergency Power	750
		<u>Justification:</u> Project expands emergency power to currently unprotected areas.	
KO	121st Evacuation Hospital	Renovate Pathology Department	802
		<u>Justification:</u> Hospital will not maintain JCAHO accreditation without this modification.	
KO	121st Evacuation Hospital	Roof Replacement Phase II	550
		<u>Justification:</u> Current roof causes leakage to medical equipment and interruption of service patients.	
KO	121st Evacuation Hospital	Renovate Yongsan Veterinary Clinic	751
		<u>Justification:</u> Upgrade will provide adequate lighting, ventilation and drainage to the kennels and better utilize Veterinary Clinic space.	

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<u>FY 1996</u>	<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
	LA	Bayne-Jones Army Hospital	HVAC System Analysis and Upgrade	1,439
		<u>Justification:</u> Equipment is over 30 years old and does not comply with current OSHA standards and codes.		
	LA	NMCL NORLN	Replace Roof, Bldg. H-100, R8-94	992
		<u>Justification:</u> Repair by replacement all the roofing, repair damaged structural decking and abate asbestos contained baseflashing. Roof is 20 years old and has almost surpassed its economic life. Failure to promptly replace the roof could have a negative impact on staff and patient safety in addition to the potential for facility and equipment damage.		
	MD	Kimbrough Army Hospital	Window Replacement	770
		<u>Justification:</u> Renovation will enhance energy conservation of the heating/cooling system.		
	MD	Kimbrough Army Hospital	Replace HVAC at Aberdeen Proving Ground	771
		<u>Justification:</u> Equipment is over 30 years old and does not comply with current OSHA standards and codes.		
	MD	Kimbrough Army Hospital	Replace Electrical System	835
		<u>Justification:</u> Equipment is over 30 years old and does not comply with current OSHA standards and codes.		

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<u>FY 1996</u>	<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
	MD	Andrews AFB	Replace HVAC F-Wing	2,200
		<u>Justification:</u> Upgrades 1950's vintage heating, ventilation, and air conditioning systems.		
	MO	Whiteman AFB	Renovate 1st Floor	1,080
		<u>Justification:</u> This project is a continuation of efforts to renovate each floor of the hospital. The project will consist of new floor and wall coverings, ceilings, and other items that will contribute to giving the entire MTF a "facelift."		
	MO	Whiteman AFB	Upgrade HVAC System	535
		<u>Justification:</u> Project replaces current HVAC system. Current system can no longer maintain adequate climate control and has exceeded its life expectancy.		
	MS	Keesler AFB	Window Replacement	1,000
		<u>Justification:</u> Project replaces all exterior windows with new, energy-efficient units. Current windows are in disrepair and are non-energy efficient.		
	MS	Keesler AFB	Follow On From FY95	2,000
		<u>Justification:</u> Continuation of projects initiated in FY 95. FY95 project effort was less than \$500K.		

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<u>FY 1996</u>	<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
	NC	NH CLEJ	Repairs Alterations to HVAC System, Bldg. NH-100, RC2-90	576
		<u>Justification:</u> Project provides additional chiller, cooling tower, replace various AHU's, modify various AHU's, and rebalance the system in various locations. Present HVAC system does not have enough capacity to provide adequate cooling and air changes. does not provide adequate heat in winter months. Minor construction cost - \$237K.		
	NC	Seymour Johnson AFB	Repair Emergency Power System	1,350
		<u>Justification:</u> Project upgrades the current system to meet life safety code requirements and provides additional emergency power expanding technology requirements.		
	NC	Pope AFB	Repair/Alter Aeromedical Staging Facility	1,450
		<u>Justification:</u> Required to upgrade existing facility which is in disrepair.		
	ND	Grand Forks AFB	Replace HVAC in MTF	1,100
		<u>Justification:</u> Upgrades 1960's vintage system. Delayed replacement enhances changes of mechanical failures interrupting patient care.		
	SC	NH BFT	Upgrade Fire sprinkler System, Bldg. 1, R5-94	1,222
		<u>Justification:</u> Install 3,350 automatic fire sprinkler heads and an electric fire pump. The facility will be in compliance with the National Fire Protection Association Life Safety Code.		

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<u>State</u>			<u>Cost</u>
TX	BAMC	HVAC Modification, Bldg 1029	1,350
		<u>Justification:</u> Current equipment has deteriorated beyond repair and must be replaced.	
TX	Darnall Army Hospital	Replace Variable Speed HVAC	906
		<u>Justification:</u> Upgrade brings equipment into compliance with current codes and standards.	
TX	Darnall Army Hospital	Replace Chilled Water Distribution System	750
		<u>Justification:</u> Upgrade brings equipment into compliance with current codes and standards.	
TX	NH CORPUS	Repair Air Handlers and Duct Work, Bldg. H-100, R2-92	1,377
		<u>Justification:</u> Repair by replacement all air handler units, the pre-heat coils, filter racks, and outside air intake ducts. These repairs are necessary due to major corrosion which has occurred from the high salinity of the ambient air.	
TX	Dyess AFB	Replace Electrical Feeds and Panels	1,110
		<u>Justification:</u> Upgrade, replace, and expand the entire electrical power distribution system. The aging facility has not kept pace with increasing power requirements of additional new technology and regulatory requirements.	

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TX		Brooks AFB	HVAC Epidemiological/Drug Testing	822
		<p><u>Justification:</u> Construct mechanical room under building 930. Install new HVAC equipment, reroute/reconfigure all electrical, ductwork, and piping. Project replaces an aged system and eliminates a significant safety problem. Current mechanical room is above ceiling of building and accessible only y catwalks.</p>		
TX		Lackland AFB	Alter Interior, Bldg 1355	600
		<p><u>Justification:</u> 1951-era building houses Substance Abuse Clinic. Exterior received major upgrade in 1993. Interior decor remains substandard. Electrical and mechanical systems are substandard and warrant immediate replacement.</p>		
TX		Lackland AFB	Repair Emergency Power System	1,500
		<p><u>Justification:</u> Replace three existing 300 KW generators with three 600 KW units. Replacement includes modification of existing switchgear and conductors, power distribution panels, and generator controls. Current generators are at maximum load capacity. Critical systems are not connected (e.g., main fire pump, medical air compressor, and vacuum pump) to emergency power system as required by life safety code.</p>		

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<u>FY 1996</u>	<u>Location/Installation</u>	<u>Project Title</u>	(\$000)
<u>State</u>			<u>Cost</u>
TX	Lackland AFB	Alter Dunn Dental Lab and Supply Storage	500
		<u>Justification:</u> Renovations in support of a new dental instrument processing center (DIPC) and expanded prosthetic laboratory. The current lack of a central DIPC violates OSHA Blood Borne Pathogen Standards. This violation also jeopardizes the facility's JCAHO accreditation. alteration will overcome current overcrowding in the prosthetics laboratory.	
TX	Sheppard AFB	Follow On to FY95 Projects	2,000
		<u>Justification:</u> Continuation of facility enhancements begun in FY95. FY95 project was less than \$500K. Projects for FY96 and FY97 are part of the five year plan and are for life safety upgrades and corrections that aggregate to more than \$500K.	
UK	Lakenheath AB	Construct Medical Warehouse Addition	991
		<u>Justification:</u> Project addresses significant shortfalls of space in current warehouse. Addition encompasses separate storage areas for bulk/loose materiel storage, as well as, expanded floor space for receiving/breakdown of incoming shipments.	
UK	Lakenheath AB	Construct/Repair Bldg 914	1,329
		<u>Justification:</u> Required to upgrade existing facility which is in disrepair.	

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<b>FY 1996</b> <u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	(\$000) <u>Cost</u>
VA	NMCL QUANT	Repair Med Clinic (HVAC) Phase II, Bldg. 2200, RA1-88(1A)	700

**Justification:** Repair by replacement for existing deteriorated HVAC system which is ineffective, unreliable, and inefficient. Current systems are expensive to operate and maintain. Energy consumption is excessive. Adversely affects mission, morale, safety.

Total Minor Construction:	316
Total Repair and Maintenance:	76,214
Total Active Installations:	76,530
Total Inactive Installations:	0

Grand Total: 76,530

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FY 1997 State	<u>Location/Installation</u>	<u>Project Title</u>	(\$000) <u>Cost</u>
CA	Edwards AFB	Renovate OB/GYN Area	1,056
		<u>Justification:</u> Project will renovate vacated administrative area to allow support of OB/GYN providers. Renovation will provide two exam rooms per physician and expanded patient restrooms.	
DC	WRAMC	Repair Roof, Bldg 2	1,000
		<u>Justification:</u> Project removes and replaces the center portion and penthouse roofs. Existing roof has reached the end of its useful life and is failing in many areas.	
DC	WRAMC	Repair Courtyard Concrete, Bldg 14	1,200
		<u>Justification:</u> Project replaces 35,000 SF deteriorating concrete plaza with new concrete precast pavers, landscaping, drainage system, and new lighting in order to create an attractive and useful courtyard for soldiers living in Abrams Hall. Repairs required to correct water leakage into lower level parking garage, correct acoustical echo problems, and to correct security and safety problems created by poor lighting.	

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DC	WRAMC	Repair/Replace Water Mains, Main Side and Forest Glen	<u>Justification:</u> Project replaces water valves and mains in conjunction with replacement of water meters by the DC government and the Washington Sanitary Sewer Commission. Repairs are needed to correct deteriorating sections of the water network, replace inoperative meters, reduce waste resulting from leaks, reduce shutdowns, and eliminate the potential for contamination of the water supply.	1,000
DC	WRAMC	Replace Overhead Power Lines, 500 Area	<u>Justification:</u> Project replaces deteriorated wooden poles and cross-arms carrying overhead lines. Repairs are needed to correct sagging lines, reduce maintenance costs, and eliminate power interruptions caused by falling lines.	912
FL	Eglin AFB	Construct Mechanical Plant	<u>Justification:</u> Construct shelter to house electrical/mechanical plant equipment. Current mechanical plant does not support electrical or mechanical load of the facility. Replacement equipment, e.g., generators, cannot be house in same area due to space limitations.	600
FL	Tyndall AFB	Repair Chill Water Lines	<u>Justification:</u> Repair of original, deteriorated chill water lines to provide adequate coolant capability to the facility.	550

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FL	Tyndall AFB	Renovate Dining Room/Kitchen	1,000
		<u>Justification:</u> Renovate original food service facilities to provide more efficient work spaces and patient dining areas.	
GA	Robins AFB	Hospital Renovation	1,200
		<u>Justification:</u> Project will renovate portions of the main medical facility (inpatient nursing, labor/delivery, central supply, and several administrative/clinical offices). The renovation would support increased outpatient services in effect. As a MILCON project is not feasible, renovation is the only means to eliminate space constraints.	
HI	TAMC	Renovate Fire Sprinkler and Fire Alarm Systems	4,629
		<u>Justification:</u> Upgrades are necessary to comply with NFPA standards.	
HI	TAMC	Repair Water Leaks/Paint Exterior	900
		<u>Justification:</u> Repairs are a necessary part of the renewal construction concept.	

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IL	NH	GLAKES	Mechanical Repairs (Med/Den Clinic), Bldg. 237, R1-92	600
			<u>Justification:</u> Repairs to HVAC, plumbing, electrical and lighting systems. The cooling equipment has exceeded its useful life expectancy and is beyond economical repair. The building's plumbing and HVAC piping insulation is either loose, missing or environmentally unsafe in most areas. the electrical and lighting systems will be replaced to meet current requirements for safe and healthy operations.	
IL	NH	GLAKES	Interior and Structural Repairs, Bldg. 200-H, R4-92	1,100
			<u>Justification:</u> Project proposes to accomplish repairs to the building's supporting members, including its pillars, beams, floor decks, walls, window wells, exterior bricks and mortar. All these are showing signs of surface cracking and erosion. Repair to walls and window wells which are damaged and unable to hold paint due to moisture penetration. Asbestos removal is also necessary.	
JA	NH	OKI	Replace HVAC System (Phase II) Bldg. 6000, R5-93(2)	3,365
			<u>Justification:</u> Repair by replacement of entire (1950's vintage deteriorating heating, ventilation, and air conditioning system (HVAC). The HVAC system is presently not air-balanced, which affects compliance of room pressurization criteria, indoor air quality, as well as the overall system performance. For cooling, high room humidities have resulted in dew point condensation with resulting dampness, mildew and fungus growth, odors, accelerated corrosion and deterioration of medical equipment.	

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JA	NH OKI	Replace Windows, Bldg. 6000, R2-93	<p><u>Justification:</u> This building is 40 years old. Some of the existing window glass have been broken and replaced with sheetmetal. Due to severe high humidity, salt-laden atmosphere and frequent typhoons in the region, the existing window frames are corroded. Caulking has cracked and allows humid air to infiltrate, severely saturated moisture that damages the acoustical ceilings, wall paint, and delicate equipment. Adversely affects mission, morale, and safety.</p>	4,791
JA	NH YOKO	Replace Absorption Chillers, Bldg. 1401, RC1-95	<p><u>Justification:</u> Repair by replacement and upgrade to the two existing absorption chiller units. Existing units have deteriorated due to normal wear and tear during their fifteen years of service. Chillers require continuous operation due to computer usage and area/rooms to be air conditioned. The existing chiller units will expose patients, workers and other personnel to unsatisfactory hospital, bachelor housing and office environment. Minor construction - \$300K</p>	1,758
JA	Kadena AB	Install Sprinkler System	<p><u>Justification:</u> Facility currently not in compliance with requirement for fire suppression system. Project will eliminate noncompliance.</p>	565

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JA	Yokota AB	Life Safety Upgrade Continuation  <u>Justification:</u> Follow-on to FY96 project to correct deficiencies.	2,749
JA	Yokota AB	Repair Interior	500
JA	Yokota AB	<u>Justification:</u> Upgrade of wall and floor coverings to enhance appearance for patients and staff.  Add/Alter Warehouse	650
KS	Irwin Army Hospital	Interior Repairs and HVAC Replacement  <u>Justification:</u> Requirement to expand current medical logistics warehouse. Current facility inadequate for proper storage of medical materiel.	2,728
MD	NNMC BETH	Repair Roads, Basewide, Bldg. 810, R24-90  <u>Justification:</u> Building and equipment has deteriorated to the point that it does not comply with current codes and standards.  The existing roads require extensive repairs at various locations. Project will provide new pavement to all damaged sections of paved areas.	800

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<u>FY 1997</u> <u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
MD	NNMC BETH	Repairs Parking Lots, Basewide, Bldg. 400, R23-90  <u>Justification:</u> The existing parking lots require extensive repairs at various locations. This project will correct the damaged sections of paved areas by cutting out and removing the affected sections and replacing with new pavement.	600
MD	Andrews AFB	Replace HVAC G/H Wings	1,740
MO	General L. Wood Army Hosp	Phase II, HVAC Renovation  <u>Justification:</u> Follow-up/continuation project to HVAC replacement initiated in FY96 on F-wing. Upgrades 1950's vintage systems.	1,511
NJ	McGuire AFB	Install Signage  <u>Justification:</u> Deteriorated equipment requires this upgrade to comply with current codes and standards.	610
NJ	McGuire AFB	Replace Ceilings and Lights  <u>Justification:</u> Project includes exterior/interior signage and directories for Walson Community Hospital. New signage will eliminate current hodgepodge and provide uniformity to aid patients.	965
		<u>Justification:</u> Installation of acoustical ceiling material and energy efficient lighting on first, second, and third floors of hospital. Will improve aesthetics and energy efficiency.	

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<u>FY 1997 State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000) Cost</u>
NJ	McGuire AFB	Replace Doors and Entryways	1,320
		<u>Justification:</u> Project adds accommodations for handicapped to the facility as required. Electronic doors will replace existing doorways which are difficult to maintain due to a lack of repair parts.	
NJ	McGuire AFB	Replace Water and Waste Pipes	1,100
		<u>Justification:</u> Current piping is over 30 years old and is deteriorating rapidly. Immediate replacement is required.	
NJ	McGuire AFB	Renovate Emergency Room	1,500
		<u>Justification:</u> Existing ER is undersized and not upgraded since construction in 1960. Project will include trauma rooms, treatment rooms, reception and waiting, new interior finishes, and modern electrical/mechanical support systems.	
NJ	McGuire AFB	Replace Induction Coils	1,500
		<u>Justification:</u> Existing coils original to 1960 construction. All existing coils targeted for replacement to eliminate damaged interior finishes due to coil leaks.	

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<u>FY 1997</u> <u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>Cost</u> ((\$000))
NJ	McGuire AFB	Misc. Electrical Upgrade	550
	<u>Justification:</u> Additional wiring required to support new energy efficient lighting.		
PR	NH ROOSRD	Repair HVAC System, Bldg. 1790, R1-93	872
	<u>Justification:</u> Repairs to a very deteriorated and inefficient system. Inducting fan coils, air handlers, and cooling towers are in very poor condition and require replacement. Two 300 ton centrifugal chillers are old and inefficient and must be replaced. air and water distribution system need to be balanced to achieve maximum cooling efficiency. Two deteriorated and rusted fuel tanks for steam boilers need replacement.		
RI	NH NPT	Repair Roads, R1-93	525
	<u>Justification:</u> The current state of repair of the roads is rapidly deteriorating and will continue to degrade until major maintenance is performed. Pot hole patching can no longer be considered viable maintenance for the problem areas.		
SC	NH CHASN	Repair/Replace Interior Finish, Bldg. NH-1, R3-90	620
	<u>Justification:</u> Repairs to bring interior to an acceptable level which are currently deteriorated, deplorable conditions. These include: wallpaper separating from walls, paint peeling/chipping, worn carpeting, laminate worn, broken and scared, signage unclear.		

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<u>FY 1997</u> <u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
SC	NH CHASN	Repair Exterior Windows, Bldg. NH-1, R4-89	1,467
		<u>Justification:</u> Repairs required to stop deterioration to window wall joints were cracked and allows water penetration. Also, water penetration and mildew evident within mortar, bricks, and precast concrete panels. Adversely affects safety, morale.	
TX	Lackland AFB	Alter Interior, Bldg 1354	600
		<u>Justification:</u> 1951-era building houses Life Skills and Adolescence Psychology Clinics. Exterior received major upgrade in 1993. Interior decor remains substandard. Electrical and mechanical systems are substandard and warrant immediate replacement.	
TX	Lackland AFB	Replace 13 KV Switchgear	1,600
		<u>Justification:</u> Recommended upgrade as part of the 1990 AETC/DEMU Total Energy Long Range Plan. This plan identifies the requirements for meeting the utility requirements of Wilford Hall Medical Center through the year 2007. Current system is nearing end of recommended equipment life expectancy. Failure to replace could result in a catastrophic equipment loss.	
TX	Lackland AFB	Clean, Repair, Seal Exterior to WHMC	2,000
		<u>Justification:</u> Severe weathering has affected integrity of concrete areas. Concrete has given way to expose reinforcement bars. Exterior detracts from appearance of Air Force's largest medical center.	

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FY 1997 State	<u>Location/Installation</u>	<u>Project Title</u>	(\$000) <u>Cost</u>
TX	Sheppard AFB	Follow On to FY95 Project	2,000
	<u>Justification:</u> Continuation of facility enhancements begun in FY95. FY95 project was less than \$500K. Projects for FY96 and FY97 are part of the five year plan and are for life safety upgrades and corrections that aggregate to more than \$500K.		
VA	NMCL QUANT	Renovations to Medical Clinic, Bldg. 2200, RC2-92	1,005
	<u>Justification:</u> Repairs/alterations include upgrade to electrical system, repairs to foundation, renovation to public restrooms, replace access roofs, renovation to clinical areas, and expansion of ambulatory clinic waiting room. Adversely affects patient care effectiveness. Minor - \$160K.		
VA	NMCL QUANT	Resurface Roads and Repair/Replace Curbs/Sidewalks, Bldg. 011, R7-92	800
	<u>Justification:</u> Repairs are necessary to the roads surfaced with bituminous concrete which is showing reflective cracks in two directions. There is a build up of the pavement to the point that the curbing is no longer effective. Also, replacement of sidewalk section needed.		
WA	MAMC	CTMC Remediation	1,075
	<u>Justification:</u> Repairs and alterations required to renovate facility for use as a consolidated TMC.		

