

29 Dec 93

APPENDIX C
ARCHITECTURAL ESTIMATES

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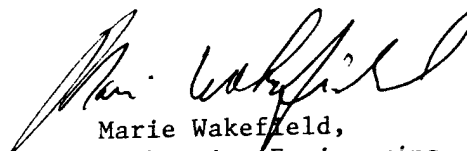


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Marie Wakefield,
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Building 001

Architectural Estimate

ENR QUALITY INSPECTION

19971017 206

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 1	Building Name: QUARTERS 1	
Date Prepared: 29 DEC. 93	Estimator: K. STICK	Sheet 1 of 2

BID ITEM - WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 02 REMOVAL & RESETTING OF EXIST. MILLWORK (BASE MOULDING)	729	L.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 (WALL INSUL.)	5930	S.F.
DIV. 07 07310 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R=19.0 (ROOF INSUL.)	3659	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL ON 'Z' FURRING OVER 2" RIGID INSUL. (INCLUDE 4001)	5930	S.F.
DIV. 09 INSTALL STD. 2" 'Z' FURRING @ 24" O.C. BETWEEN 2" RIGID INSUL.	38.9	C.L.F.
DIV. 09 09920 1221 PAINTING 1/2" DRYWALL	5930	S.F.
DIV. 16 ELEC. WORK ON OUTLETS/SWITCHES	58	EA.
DIV. 16 ELEC. WORK ON WALL MTD. LIGHT FIXTURES	17	EA.

Thu 30 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB0011: CB BLDG 001, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:37:27

TITLE PAGE 1

CB BLDG 001, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 001, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 12/30/93

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U.S. Army Corps of Engineers
PROJECT CB0011: CB BLDG 001, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:37:27

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

		AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor											
OVERHEAD	S		5.00	5.00							
HOME OFC	P		10.00								
PROFIT	S		8.66	5.00							
BOND	P		2.00								
02 Electrical Contractor											
OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P		2.00								

Thu 30 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB0011: CB BLDG 001, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:37:27

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 30 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB0011: CB BLDG 001, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:37:27

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	21,790	0	1,090	0	22,880	22879.54
CB BLDG 001, ECO #1	1.00	EA	21,790	0	1,090	0	22,880	22879.54

Thu 30 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB0011: CB BLDG 001, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:37:27

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	350	11,838	111	5,073	0	17,022	17021.89
CB BLDG 001, ECO #1 OVERHEAD	1.00	EA	350	11,838	111	5,073	0	17,022	17021.89
								851	
SUBTOTAL								17,873	
HOME OFC								1,787	
SUBTOTAL								19,660	
PROFIT								1,703	
SUBTOTAL								21,363	
BOND								427	
TOTAL INCL INDIRECTS								21,790	
CONTNGENCY								1,090	
TOTAL INCL OWNER COSTS								22,880	

Thu 30 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB0011: CB BLDG 001, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:37:27

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	15,651	783	1,643	1,565	393	20,035	20035.48
EL Electrical Contractor	1,371	69	144	137	34	1,755	1754.56

Thu 30 Dec 1993

U.S. Army Corps of Engineers

TIME 14:37:27

PROJECT CB0011: CB BLDG 001, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Remove & Reset Existing Millwork (Base Moulding)	729.00	LF	ULABF	0.03 24	0.95 693	0.01 5	0.00 0	0.00 0	0.96 698
2" Polyiso.,R-13 Rigid Insul.	729.00	SF	ACARA	0.01 5	0.26 190	0.00 2	0.90 657	0.00 0	1.16 848
6"Unfaced Batt,R19 Fbgs Insul	3659.00	SF	ACARA	0.01 30	0.30 1,087	0.00 11	0.21 776	0.00 0	0.51 1,874
1/2" Drywall,One Layer, One Face On Metal Studs or Furring,(13mm) For Taping, Spackling, And	5930.00	SF	ACARB	0.02 66 48	0.69 2,362 1,700	0.01 24 17	0.21 1,093 164	0.00 0	0.90 5,361
Std. 2" 'Z' Furring @ 24" O.C.	38.90	CLF	ACARA	2.09 81	74.50 2,898	0.72 28	28.09 1,093	0.00 0	103.31 4,019
Interior Roller Work One Coat Primer-Two Coats Paint	5930.00	SF	APTRA	0.01 64	0.29 1,701	0.00 19	0.19 1,131	0.00 0	0.48 2,852
Electrical Work on Outlets and Switches	58.00	EA	EELEB	0.28 16	11.00 638	0.04 2	2.12 123	0.00 0	13.16 763
Electrical Work on Wall Mtd. Light Fixtures	17.00	EA	EELEF	0.93 16	33.50 570	0.12 2	2.12 36	0.00 0	35.74 608
Contract				350	11,838	111	5,073	0	17,022
CB BLDG 001, ECO #1				350	11,838	111	5,073	0	17,022

Thu 30 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB0011: CB BLDG 001, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:37:27

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. /	Building Name: QUARTERS /
Date Prepared: 29 DEC. 93	Estimator: K. STICK Sheet 2 of 2

BID ITEM - WEATHERSTRIPPING / CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULK'G OF EXT. DOORS & WINDOWS	8.52	C.L.F.
DIV. 08 08730 1006 INSTALLING MET. WEATHERSTRIP w/ NEOPRENE BULB ON EXT. DOOR JAMB & HEAD	225	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	43	L.F.

Thu 30 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB0013: CB BLDG 001, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:52:08

TITLE PAGE 1

CB BLDG 001, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 001, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 12/30/93

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PROJECT CB0013: CB BLDG 001, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:52:08

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor										
OVERHEAD		P	5.00							
HOME OFC		P	10.00							
PROFIT		C	8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND		P	2.00							

Thu 30 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB0013: CB BLDG 001, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:52:08

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 30 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB0013: CB BLDG 001, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 13:52:08

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SION	TOTAL COST	UNIT COST
01 Contract	1.00	EA	3,346	0	167	0	3,513	3513.23
CB BLDG 001, ECO #3	1.00	EA	3,346	0	167	0	3,513	3513.23

Thu 30 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB0013: CB BLDG 001, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 13:52:08

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	65	2,330	18	266	0	2,614	2613.88
CB BLDG 001, ECO #3 OVERHEAD	1.00	EA	65	2,330	18	266	0	2,614 131	2613.88
SUBTOTAL HOME OFC								2,745 274	
SUBTOTAL PROFIT								3,019 261	
SUBTOTAL BOND								3,280 66	
TOTAL INCL INDIRECTS CONTNGENCY								3,346 167	
TOTAL INCL OWNER COSTS								3,513	

Thu 30 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB0013: CB BLDG 001, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 13:52:08

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	2,614	131	274	261	66	3,346	3345.93

Thu 30 Dec 1993

U.S. Army Corps of Engineers

TIME 13:52:08

PROJECT CB0013: CB BLDG 001, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTITY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
Caulking of Exterior Doors and Windows	8.52	CLF	ARFCA	40	1,418	9	81	0	1,508
Mtl Weatherstrip w/Neoprene Bulb For Head and Jamb	225.00	LF	ACARB	0.07 17	2.62 590	0.03 6	0.66 148	0.00 0	3.31 744
Mtl Weatherstrip for Door Bottom Surface Mounted w/Vinyl Bulb	43.00	LF	ACARB	0.21 9	7.50 322	0.08 3	0.85 36	0.00 0	8.42 362
Contract				65	2,330	18	266	0	2,614
CB BLDG 001, ECO #3				65	2,330	18	266	0	2,614

Thu 30 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB0013: CB BLDG 001, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:52:08

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 002

Architectural Estimate

933702

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. 2	Building Name: QUARTERS 2
Date Prepared: 29 DEC. 93	Estimator: H. STICK Sheet 1 of 3

BID ITEM - WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 02 REMOVAL & RESETTING OF EXIST. MILLWORK (BASE & CASING)	1296	L.F.
DIV. 06 06111 4201 2x4 WOOD FRAMING AROUND WINDOW & DOOR OPENINGS	640	B.F.
DIV. 06 1x3 PINE JAMB EXTENSIONS	956	L.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 (WALL INSUL.)	2898	S.F.
DIV. 07 07210 1003 INSTALL 4" KRAFT FACED FIBERGLASS INSUL. R=11.0 (WALL INSUL.)	74	S.F.
DIV. 02 REMOVE / RESET BASE CABINET (LIBRARY RM.)	40	L.F.
DIV. 02 REMOVE EXIST. DRYWALL / BATT INSUL. (LIBRARY RM.)	122	S.F.
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R=19.0 (ROOF INSUL. - MAIN HOUSE)	3026	S.F.

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. 2		Building Name: <i>QUARTERS 2</i>	
Date Prepared: <i>29 DEC. 93</i>	Estimator: <i>K. STICK</i>		Sheet 2 of 3
BID ITEM - WALL/ROOF INSULATION			
Description	Quantity	Unit Measurement	
<i>DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)</i>	<i>3020</i>	<i>S.F.</i>	
<i>DIV. 09 INSTALL STD. 2" 'Z' FURRING @ 24" O.C. BETWEEN 2" RIGID INSUL. BD.</i>	<i>26.29</i>	<i>C.L.F.</i>	
<i>DIV. 09 09920 1221 PAINTG 1/2" DRYWALL</i>	<i>3020</i>	<i>S.F.</i>	
<i>DIV. 07 07210 1016 INSTALL 4" UNFACED FIBERGLASS INSUL. R=11.0 (ROOF INSUL. - 2ND FL. PORCH ADD.)</i>	<i>325</i>	<i>S.F.</i>	
<i>DIV 02 LEAD PAINT ABATEMENT</i>	<i>122</i>	<i>S.F.</i>	

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB0021: CB BLDG 002, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 14:43:27

TITLE PAGE 1

CB BLDG 002, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 002, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 05/17/94

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U.S. Army Corps of Engineers

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PROJECT CB0021: CB BLDG 002, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
--------	-----	-------	------	------	------	--------	--------	--------	--------

01 General Contractor

OVERHEAD	S	5.00	5.00						
HOME OFC	P	10.00							
PROFIT	S	8.66	5.00						
BOND	P	2.00							

02 Electrical Contractor

OVERHEAD	P	5.00							
HOME OFC	P	10.00							
PROFIT	C	8.66	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00							

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB0021: CB BLDG 002, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 14:43:27

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:43:27

PROJECT CB0021: CB BLDG 002, ECO #1 - ESOS Carlisle Barracks

PREFINAL SUBMISSION

SUMMARY PAGE 1

** PROJECT OWNER SUMMARY - LEVEL 1 **

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIQH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	19,894	0	995	0	20,889	20888.67
CB BLDG 002, ECO #1	1.00 EA	19,894	0	995	0	20,889	20888.67

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB0021: CB BLDG 002, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:43:27

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	292	9,622	99	5,847	0	15,568	15567.50
CB BLDG 002, ECO #1 OVERHEAD	1.00	EA	292	9,622	99	5,847	0	15,568	15567.50
								772	
SUBTOTAL								16,340	
HOME OFC								1,622	
SUBTOTAL								17,961	
PROFIT								1,545	
SUBTOTAL								19,506	
BOND								388	
TOTAL INCL INDIRECTS								19,894	
CONTNGENCY								995	
TOTAL INCL OWNER COSTS								20,889	

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB0021: CB BLDG 002, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:43:27

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
<<< Non-Contracted Work >>>	123	0	0	0	0	123	122.63
GC General Contractor	15,445	772	1,622	1,545	388	19,771	19771.34

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:43:27

PROJECT CB0021: CB BLDG 002, ECO #1 - ESOS Carlisle Barracks

DETAILED ESTIMATE

PREFINAL SUBMISSION

DETAIL PAGE 1

01. Contract

QUANTY UOM		CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	
Contract									
Removal & Resetting of Millwork			0.03	0.95	0.01	0.00	0.00	0.96	
1286.00	LF	ULABF	42	1,222	9	0	0	1,231	
Sills & Plates, 2x4 So Yel Pine			0.02	0.80	0.02	0.24	0.00	1.06	
Around Window & Door Openings	640.00	BF	ACARD	14	512	13	156	681	
Jamb Extensions			0.03	0.79	0.01	0.42	0.00	1.22	
956.00	LF	ULABF	26	755	6	405	0	1,166	
2" Polyiso, R 14.3, Rigid Insul.			0.01	0.26	0.00	0.90	0.00	1.16	
2898.00	SF	ACARA	21	753	7	2,611	0	3,372	
4" Kraft Faced, R11 Fbgs Insul			0.01	0.30	0.00	0.14	0.00	0.44	
74.00	SF	ACARA	1	22	0	10	0	32	
Remove & Reset Base Cabinets			0.21	7.60	0.08	0.00	0.00	7.68	
40.00	LF	ACARB	9	304	3	0	0	307	
Remove Drywall/Batt Insulation			0.01	0.17	0.00	0.00	0.00	0.17	
122.00	SF	ULABF	1	21	0	0	0	21	
6" Unfaced Batt, R19 Fbgs Insul			0.01	0.30	0.00	0.21	0.00	0.51	
Roof Insulation	3026.00	SF	ACARA	25	899	9	642	0	1,549
1/2" Drywall, One Layer, One Face			0.02	0.69	0.01	0.21	0.00	0.91	
On Metal Studs or Furring, (13mm)	3026.00	SF	ACARB	34	1,214	12	558	0	2,751
For Taping, Spackling, And			25	874	9	84			
Std 2" Z Furring, Galv.			2.09	74.50	0.72	28.09	0.00	103.31	
26.29	CLF	ACARA	55	1,959	19	738	0	2,716	
Interior Roller Work			0.01	0.29	0.00	0.19	0.00	0.48	
One Coat Primer-Two Coats Paint	3026.00	SF	APTRA	33	868	10	577	0	1,455
4" Unfaced Batt, R11 Fbgs Insul			0.01	0.30	0.00	0.20	0.00	0.50	
Roof Insulation (2nd Floor	325.00	SF	ACARA	3	97	1	65	0	163
Porch)									
Lead Paint Abatement			0.03	1.00	0.01	0.00	0.00	1.01	
122.00	SF	ULABB	4	122	1	0	0	123	
Contract			292	9,622	99	5,847	0	15,568	
BLDG 002, ECO #1			292	9,622	99	5,847	0	15,568	

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:43:27

PROJECT CB0021: CB BLDG 002, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

ERROR PAGE 1

ERROR REPORT

No errors detected...

* * * END OF ERROR REPORT * * *

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 2

Building Name: QUARTERS 2

Date Prepared: 29 DEC. 93

Estimator: K. STICK

Sheet 3 of 3

BID ITEM - WEATHERSTRIPPING / CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULK'G OF EXT. DOORS & WINDOWS	9.56	C.L.F.
DIV. 08 08730 1006 INSTALLING MET. WEATHERSTRIP w/NEOPRENE BULB ON EXT. DOOR JAMB & HEAD	161	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	27	L.F.

Mon 03 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0023: CB BLDG 002, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:08:20

TITLE PAGE 1

CB BLDG 002, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 002, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/03/94

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Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0023: CB BLDG 002, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION

TIME 14:08:20

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor										
OVERHEAD		P	5.00							
HOME OFC		P	10.00							
PROFIT		C	8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND		P	2.00							

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 14:08:20

PROJECT CB0023: CB BLDG 002, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

CONTENTS PAGE 1

OF CONTENTS

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0023: CB BLDG 002, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:08:20

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	3,138	0	157	0	3,295	3295.02
CB BLDG 002, ECO #3	1.00 EA	3,138	0	157	0	3,295	3295.02

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0023: CB BLDG 002, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:08:20

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	62	2,215	16	220	0	2,452	2451.53
CB BLDG 002, ECO #3 OVERHEAD	1.00 EA	62	2,215	16	220	0	2,452	2451.53
							123	
SUBTOTAL HOME OFC							2,574	
							257	
SUBTOTAL PROFIT							2,832	
							245	
SUBTOTAL BOND							3,077	
							62	
TOTAL INCL INDIRECTS CONTNGENCY							3,138	
							157	
TOTAL INCL OWNER COSTS							3,295	

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0023: CB BLDG 002, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** CONTRACTOR INDIRECT SUMMARY **

TIME 14:08:20

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	2,452	123	257	245	62	3,138	3138.11

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 14:00:20

PROJECT CB0023: CB BLDG 002, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

DETAIL PAGE 1

LED ESTIMATE

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4"Joint				4.65	166.39	1.03	9.54	0.00	176.96
Ext. Doors & Windows	9.56	CLF	ARFCA	44	1,591	10	91	0	1,692
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	161.00	LF	ACARB	12	422	4	106	0	532
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	27.00	LF	ACARB	6	202	2	23	0	227
Bulb									
Contract				62	2,215	16	220	0	2,452
CB BLDG 002, ECO #3				62	2,215	16	220	0	2,452

LABOR ID: R01_92 EQUIP ID: RG0192

Currency in DOLLARS

CREW ID: NAT92B UPB ID: NAT92A

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 14:08:20

PROJECT CB0023: CB BLDG 002, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR PAGE 1

REPORT

No errors detected...

* * * END OF ERROR REPORT * * *

Building 003

Architectural Estimate

933702

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. 3	Building Name: QUARTERS 3	
Date Prepared: 29	Estimator: K. STICK	Sheet 1 of 1

BID ITEM - WEATHERSTRIPPING / CAULK

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULK'G OF ONE EXT. DOOR	0.17	C.L.F.
DIV. 08 08730 1006 INSTALLING MET. WEATHERSTRIP w/ NEOPRENE BULB ON EXT. DOOR JAMB & HEAD	91	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	19	L.F.

Mon 03 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0033: CB BLDG 003, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:13:00

TITLE PAGE 1

CB BLDG 003, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 003, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/03/94

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U.S. Army Corps of Engineers

TIME 14:13:00

PROJECT CB0033: CB BLDG 003, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor										
OVERHEAD		P	5.00							
HOME OFC		P	10.00							
PROFIT		C	8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND		P	2.00							

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 14:13:00

PROJECT CB0033: CB BLDG 003, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

CONTENTS PAGE 1

OF CONTENTS

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Mon 03 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0033: CB BLDG 003, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:13:00

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	629	0	31	0	660	659.96
CB BLDG 003, ECO #3	1.00 EA	629	0	31	0	660	659.96

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0033: CB BLDG 003, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** CONTRACTOR INDIRECT SUMMARY **

TIME 14:13:00

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	491	25	52	49	12	629	628.54

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 14:13:00

PROJECT CB0033: CB BLDG 003, ECO #3 - ESOS Carlisle Barracks

INTERIM SUBMISSION

DETAIL PAGE 1

LED ESTIMATE

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4"Joint				4.65	166.39	1.03	9.54	0.00	176.96
Exterior Door	0.17	CLF	ARFCA	1	28	0	2	0	30
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	91.00	LF	ACARB	7	239	2	60	0	301
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	19.00	LF	ACARB	4	142	1	16	0	160
Bulb									
				11	409	4	78	0	491
Contract									
				11	409	4	78	0	491
CB BLDG 003, ECO #3									

LABOR ID: R01_92 EQUIP ID: RG0192

Currency in DOLLARS

CREW ID: NAT92B UPB ID: NAT92A

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 14:13:00

PROJECT CB0033: CB BLDG 003, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 004

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 4		Building Name: QUARTERS 4	
Date Prepared: 3 JAN 94	Estimator: K. STICK		Sheet 1 of 2
BID ITEM - WALL / ROOF INSULATION			
Description	Quantity	Unit Measurement	
DIV. 02 REMOVAL & RESETTING OF EXIST. MILLWORK (BASE & CASING)	786	L.F.	
DIV. 06 061114201 2x4 WOOD FRAMING AROUND WINDOW & DOOR OPENINGS	350	B.F.	
DIV. 06 1x3 PINE JAMB EXTENSIONS	526	L.F.	
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 (WALL INSUL.)	1901	S.F.	
DIV. 09 09200 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	1901	S.F.	
DIV. 09 INSTALL STD. 2" 'Z' FURRING @ 24" O.C. BETWEEN 2" RIGID INSUL. BD.	13.86	C.L.F.	
DIV. 09 09920 1221 PAINTING 1/2" DRYWALL	1901	S.F.	

Mon 03 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0041: CB BLDG 004, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:28:39

TITLE PAGE 1

CB BLDG 004, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 004, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/03/94

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TIME 14:28:39

PROJECT CB0041: CB BLDG 004, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

CONTENTS PAGE 1

OF CONTENTS

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0041: CB BLDG 004, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:28:39

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIQH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	17,071	0	854	0	17,924	17924.26
CB BLDG 004, ECO #1	1.00 EA	17,071	0	854	0	17,924	17924.26

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0041: CB BLDG 004, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:28:39

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	290	10,053	106	3,176	0	13,335	13335.22
CB BLDG 004, ECO #1 OVERHEAD	1.00 EA	290	10,053	106	3,176	0	13,335 667	13335.22
SUBTOTAL HOME OFC							14,002 1,400	
SUBTOTAL PROFIT							15,402 1,334	
SUBTOTAL BOND							16,736 335	
TOTAL INCL INDIRECTS CONTINGENCY							17,071 854	
TOTAL INCL OWNER COSTS							17,924	

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 14:28:39

PROJECT CB0041: CB BLDG 004, ECO #1 - ESOS Carlisle Barracks

INTERIM SUBMISSION

SUMMARY PAGE 3

** CONTRACTOR INDIRECT SUMMARY **

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	13,335	667	1,400	1,334	335	17,071	17070.72

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 14:28:39

PROJECT CB0041: CB BLDG 004, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

LED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Removal & Ressetting of Base & Casing	786.00	LF	ACARB	0.21 168	7.60 5,974	0.08 61	0.00 0	0.00 0	7.68 6,035
Sills & Plates, 2x4 So Yel Pine Around Doors & Windows	350.00	BF	ACARD	0.02 8	0.80 280	0.02 7	0.24 85	0.00 0	1.06 372
Jamb Extensions	526.00	LF	ULABF	0.03 14	0.79 416	0.01 3	0.42 223	0.00 0	1.22 642
2" Polyiso, R14.3, Rigid Insul.	1901.00	SF	ACARA	0.01 14	0.26 494	0.00 5	0.90 1,713	0.00 0	1.16 2,212
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And	1901.00	SF	ACARB	0.02 21 15	0.69 763 549	0.01 8 6	0.21 350 53	0.00 0	0.91 1,728
Std 2" Z Furring, Galv.	13.86	CLF	ACARA	2.09 29	74.50 1,033	0.72 10	28.09 389	0.00 0	103.31 1,432
Interior Roller Work One Coat Primer-Two Coats Paint	1901.00	SF	APTRA	0.01 20	0.29 545	0.00 6	0.19 363	0.00 0	0.48 914
Contract				290	10,053	106	3,176	0	13,335
CB BLDG 004, ECO #1				290	10,053	106	3,176	0	13,335

LABOR ID: R01_92 EQUIP ID: RG0192

Currency in DOLLARS

CREW ID: NAT92B UPB ID: NAT92A

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 14:28:39

PROJECT CB0041: CB BLDG 004, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR PAGE 1

REPORT

No errors detected...

* * * END OF ERROR REPORT * * *

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. **4** Building Name: **QUARTERS 4**
 Date Prepared: **3 JAN 94** Estimator: **K. STICK** Sheet **2** of **2**

BID ITEM - WEATHERSTRIPPING / CAULK

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE		
CAULKING OF EXT. DOORS & WINDOWS	5.26	C.L.F.
DIV. 08 08730 1006 INSTALLING MET.		
WEATHERSTRIP w/ NEOPRENE		
BULB ON EXT. DOOR JAMB & HEAD	51	L.F.
DIV. 08 08730 1007 WEATHERSTRIP		
DOOR BOTTOMS	9	L.F.

Mon 03 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0043: CB BLDG 004, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:32:04

TITLE PAGE 1

CB BLDG 004, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 004, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/03/94

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TIME 14:32:04

PROJECT CB0043: CB BLDG 004, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0043: CB BLDG 004, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:32:04

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	1,504	0	75	0	1,580	1579.63
CB BLDG 004, ECO #3	1.00 EA	1,504	0	75	0	1,580	1579.63

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0043: CB BLDG 004, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:32:04

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	30	1,076	8	91	0	1,175	1175.26
CB BLDG 004, ECO #3 OVERHEAD	1.00 EA	30	1,076	8	91	0	1,175 59	1175.26
SUBTOTAL HOME OFC							1,234 123	
SUBTOTAL PROFIT							1,357 117	
SUBTOTAL BOND							1,475 29	
TOTAL INCL INDIRECTS CONTNGENCY							1,504 75	
TOTAL INCL OWNER COSTS							1,580	

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0043: CB BLDG 004, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** CONTRACTOR INDIRECT SUMMARY **

TIME 14:32:04

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	1,175	59	123	117	29	1,504	1504.41

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 14:32:04

PROJECT CB0043: CB BLDG 004, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

LED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
Exterior Doors & Windows	5.26	CLF	ARFCA	24	875	5	50	0	931
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	51.00	LF	ACARB	4	134	1	34	0	169
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	9.00	LF	ACARB	2	67	1	8	0	76
Bulb									
Contract				30	1,076	8	91	0	1,175
CB BLDG 004, ECO #3				30	1,076	8	91	0	1,175

LABOR ID: R01_92 EQUIP ID: RG0192

Currency in DOLLARS

CREW ID: NAT92B UPB ID: NAT92A

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 14:32:04

PROJECT CB0043: CB BLDG 004, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR PAGE 1

REPORT

No errors detected...

* * * END OF ERROR REPORT * * *

Building 005
(Typical for 006, 017, 018, 019,
020, 021, 026, and 029)

Architectural Estimate

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 5	Building Name: QUARTERS 5	
Date Prepared: 5 JAN. 94	Estimator: K. STICK	Sheet 1 of 2
BID ITEM - WALL / ROOF INSUL.		
Description	Quantity	Unit Measurement
DIV. 02 REMOVAL & RESETTING OF EXIST'G MILLWORK (BASE & CASING)	1536	L.F.
DIV. 06 061114201 2x4 WOOD FRAMING AROUND WINDOW & DOOR OPENINGS	720	B.F.
DIV. 06 1x3 PINE JAMB EXTENSIONS	1078	L.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 (WALL INSUL.)	3212	S.F.
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R=19.0 (ROOF INSUL.)	2332	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	3212	S.F.
DIV. 09 INSTALL STD. 2" 'Z' FURRING @ 24" O.C. BETWEEN 2" RIGID INSUL. BD.	21.6	C.L.F.
DIV. 09 09920 1221 PAINTING 1/2" DRYWALL	3212	S.F.
DIV. 16 ELEC. WORK ON OUTLETS & SWITCHES	40	EA.

* NOTE : QUANTITIES INCLUDE BOTH SIDES OF DBL. HOUSE.

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0051: CB BLDG 005, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:41:03

TITLE PAGE 1

CB BLDG 005, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 005, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/06/94

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U.S. Army Corps of Engineers
PROJECT CB0051: CB BLDG 005, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:41:03

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	S	5.00	5.00							
HOME OFC	P	10.00								
PROFIT	S	8.66	5.00							
BOND	P	2.00								

02 Electrical Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Thu 06 Jan 1994

U.S. Army Corps of Engineers

TIME 13:41:03

PROJECT CB0051: CB BLDG 005, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0051: CB BLDG 005, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 13:41:03

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	20,104	0	1,005	0	21,109	21109.39
CB BLDG 005, ECO #1	1.00 EA	20,104	0	1,005	0	21,109	21109.39

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0051: CB BLDG 005, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 13:41:03

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	292	9,602	96	6,006	0	15,705	15704.90
CB BLDG 005, ECO #1 OVERHEAD	1.00	EA	292	9,602	96	6,006	0	15,705 785	15704.90
SUBTOTAL HOME OFC								16,490 1,649	
SUBTOTAL PROFIT								18,139 1,571	
SUBTOTAL BOND								19,710 394	
TOTAL INCL INDIRECTS CONTNGENCY								20,104 1,005	
TOTAL INCL OWNER COSTS								21,109	

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0051: CB BLDG 005, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 13:41:03

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	15,179	759	1,594	1,518	381	19,431	19430.58
EL Electrical Contractor	526	26	55	53	13	674	673.60

Thu 06 Jan 1994

U.S. Army Corps of Engineers

TIME 13:41:03

PROJECT CB0051: CB BLDG 005, ECO #1 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

		QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract										
Removal & Resetting of Millwork					0.03	0.95	0.01	0.00	0.00	0.96
	1536.00	LF	ULABF		50	1,459	11	0	0	1,470
Sills & Plates, 2x4 So Yel Pine Around Window & Door Openings	720.00	BF	ACARF		0.02	0.80	0.02	0.24	0.00	1.06
					16	576	14	176	0	766
Jamb Extensions	1078.00	LF	ULABF		0.03	0.79	0.01	0.42	0.00	1.22
					29	852	6	457	0	1,315
2" Polyiso., R14.3 Rigid Insul.	3212.00	SF	ACARA		0.01	0.26	0.00	0.90	0.00	1.16
					23	835	8	2,894	0	3,737
6" Unfaced Batt, R19 Fbgs Insul	2332.00	SF	ACARA		0.01	0.30	0.00	0.21	0.00	0.51
					19	693	7	494	0	1,194
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And	3212.00	SF	ACARB		0.02	0.69	0.01	0.21	0.00	0.91
					36	1,289	13	592	0	2,920
					26	928	10	89		
td. 2" Z Furring, Galv.	21.60	CLF	ACARA		2.09	74.50	0.72	28.09	0.00	103.31
					45	1,609	16	607	0	2,232
Interior Roller Work					0.01	0.29	0.00	0.19	0.00	0.48
One Coat Primer-Two Coats Paint	3212.00	SF	APTRA		35	921	10	613	0	1,545
Electrical Work on Outlets & Switches	40.00	EA	EELEB		0.28	11.00	0.04	2.12	0.00	13.16
					11	440	1	85	0	526
Contract					292	9,602	96	6,006	0	15,705
CB BLDG 005, ECO #1					292	9,602	96	6,006	0	15,705

Thu 06 Jan 1994

U.S. Army Corps of Engineers

TIME 13:41:03

PROJECT CB0051: CB BLDG 005, ECO #1 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. 5	Building Name: <i>QUARTERS 5</i>	
Date Prepared: <i>5 JAN. 94</i>	Estimator: <i>K. STICK</i>	Sheet <i>2</i> of <i>2</i>

BID ITEM - WEATHERSTRIPPING /CAULKING

Description	Quantity	Unit Measurement
<i>DIV. 07 07920 1101 POLYURETHANE</i>		
<i>CAULK'G OF EXT. DOORS & WINDOWS</i>	<i>10.78</i>	<i>C.L.F.</i>
<i>DIV. 08 08730 1006 INSTALLING MET.</i>		
<i>WEATHERSTRIP W/ NEOPRENE</i>		
<i>BULB ON EXT. DOOR JAMB & HEAD</i>	<i>68</i>	<i>L.F.</i>
<i>DIV. 08 08730 1007 WEATHERSTRIP</i>		
<i>DOOR BOTTOMS</i>	<i>12</i>	<i>L.F.</i>

***NOTE: QUANTITIES INCLUDE BOTH SIDES OF DBL. HOUSE.**

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0053: CB BLDG 005, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:44:00

TITLE PAGE 1

CB BLDG 005, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 005, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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U.S. Army Corps of Engineers
PROJECT CB0053: CB BLDG 005, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:44:00

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118	
BOND	P		2.00								

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0053: CB BLDG 005, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:44:00

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0053: CB BLDG 005, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 13:44:00

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	2,859	0	143	0	3,002	3002.07
CB BLDG 005, ECO #3	1.00	EA	2,859	0	143	0	3,002	3002.07

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0053: CB BLDG 005, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 13:44:00

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	2,234	112	235	223	56	2,859	2859.11

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 13:44:00

PROJECT CB0053: CB BLDG 005, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

QUANTY UOM CREW ID		MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract							
Polyurethane Cmpd, 1/4"x1/4"Joint on Ext. Doors & Windows	10.78 CLF ARFCA	4.65 50	166.39 1,794	1.03 11	9.54 103	0.00 0	176.96 1,908
Mtl Weatherstrip w/Neoprene Bulb For Head and Jamb	68.00 LF ACARB	0.07 5	2.62 178	0.03 2	0.66 45	0.00 0	3.31 225
Mtl Weatherstrip for Door Bottom Surface Mounted w/Vinyl Bulb Bulb	12.00 LF ACARB	0.21 3	7.50 90	0.08 1	0.85 10	0.00 0	8.42 101
Contract		58	2,062	14	158	0	2,234
CB BLDG 005, ECO #3		58	2,062	14	158	0	2,234

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 13:44:00

PROJECT CB0053: CB BLDG 005, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 023

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 23	Building Name: THORPE GYM	
Date Prepared: 3 JAN 94	Estimator: DJL	Sheet 1 of 3
BID ITEM WALL / ROOF INSULATION		
Description	Quantity	Unit Measurement
DIV. 06 0611 4201 2x4 WOOD FRAMING @ WINDOW & DOOR OPENINGS	1,055	B.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R= 14.3 (WALL INSUL)	10,318	S.F.
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL R= 19.0 (ROOF INSUL.)	11,229	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	10,318	S.F.
DIV. 09 INSTALL STD. 2" 'Z' FURRING @ 24" ON WALLS	71	C.L.F.
DIV. 09 09920 1221 PAINTING 1/2" DRYWALL	10,318	S.F.
DIV. 09 INSTALL 4" VINYL BASE	890	L.F.
DIV. 16 ELECT. WORK ON OUTLETS & SWITCHES	22	EA.

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 23	Building Name: THORPE GYM
Date Prepared: 3 JAN 94	Estimator: DJL
Sheet 2 of 3	

BID ITEM WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 16 ELECT. WORK ON EXIT LIGHTS	7	EA
DIV. 16 ELECT WORK ON FIRE ALARM PULL STATIONS	3	EA
DIV. 16 ELECT. WORK ON FIRE ALARM BELL	2	EA.
DIV. 16 ELECT. WORK ON 1'x4' WALL MTD LIGHT FIXTURE	28	EA.
DIV. 16 ELECT. WORK ON 200 A DISC. SWITCH	2	EA

Mon 03 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0231: CB BLDG 023, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:09:31

TITLE PAGE 1

CB BLDG 023, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 023, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/03/94

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U.S. Army Corps of Engineers

TIME 15:09:31

PROJECT CB0231: CB BLDG 023, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0231: CB BLDG 023, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 15:09:31

SUMMARY PAGE 1

		QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01	Contract	1.00	EA	56,478	0	2,824	0	59,302	59301.71
	CB BLDG 023, ECO #1	1.00	EA	56,478	0	2,824	0	59,302	59301.71

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0231: CB BLDG 023, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:09:31

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	728	24,996	246	18,877	0	44,119	44119.15
CB BLDG 023, ECO #1 OVERHEAD	1.00 EA	728	24,996	246	18,877	0	44,119	44119.15
							2,206	
SUBTOTAL HOME OFC							46,325	
							4,633	
SUBTOTAL PROFIT							50,958	
							4,413	
SUBTOTAL BOND							55,370	
							1,107	
TOTAL INCL INDIRECTS CONTNGENCY							56,478	
							2,824	
TOTAL INCL OWNER COSTS							59,302	

Mon 03 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0231: CB BLDG 023, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 15:09:31

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	41,760	2,088	4,385	4,177	1,048	53,459	53458.57
EL Electrical Contractor	2,359	118	248	236	59	3,019	3019.25

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 15:09:31

PROJECT CB0231: CB BLDG 023, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

LED ESTIMATE

DETAIL PAGE 1

		QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract										
Sills & Plates, 2x4 So Yel Pine					0.02	0.80	0.02	0.24	0.00	1.06
	1055.00	BF	ACARD		24	844	21	257	0	1,122
2" Polyiso, R14.3, Rigid Insul.					0.01	0.26	0.00	0.90	0.00	1.16
	10318	SF	ACARA		75	2,683	26	9,297	0	12,005
6" Unfaced Batt, R19 Fbgs Insul					0.01	0.30	0.00	0.21	0.00	0.51
	11229	SF	ACARA		94	3,337	32	2,381	0	5,750
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And					0.02	0.69	0.01	0.21	0.00	0.91
	10318	SF	ACARB		116	4,139	43	1,902	0	9,380
					84	2,980	31	285		
Std. 2" Z Furring, Galv.					2.09	74.50	0.72	28.09	0.00	103.31
	71.00	CLF	ACARA		148	5,290	51	1,994	0	7,335
Interior Roller Work One Coat Primer-Two Coats Paint					0.01	0.29	0.00	0.19	0.00	0.48
	10318	SF	APTRA		111	2,960	33	1,969	0	4,962
4" Vinyl Base					0.02	0.61	0.00	0.74	0.00	1.36
	890.00	LF	APAPA		20	543	3	660	0	1,206
Electrical Work on Switches & Outlets					0.28	11.00	0.04	2.12	0.00	13.16
	22.00	EA	EELEB		6	242	1	47	0	289
Electrical Work on Exit Signs					0.82	32.50	0.11	2.12	0.00	34.73
	7.00	EA	EELEB		6	228	1	15	0	243
Electrical Work on Fire Alarm Pull Stations					0.82	32.50	0.11	2.12	0.00	34.73
	3.00	EA	EELEB		2	98	0	6	0	104
Electrical Work on Fire Alarm Bells					0.82	32.50	0.11	2.12	0.00	34.73
	2.00	EA	EELEB		2	65	0	4	0	69
Electrical Work on Wall Mounted Light Fixtures					1.05	41.50	0.13	2.12	0.00	43.75
	28.00	EA	EELEB		29	1,162	4	59	0	1,225
Electrical Work on 200A Disc. Switch					5.38	213.02	0.69	0.00	0.00	213.71
	2.00	EA	EELEB		11	426	1	0	0	427
Contract					728	24,996	246	18,877	0	44,119
CB BLDG 023, ECO #1					728	24,996	246	18,877	0	44,119

LABOR ID: R01_92 EQUIP ID: RG0192

Currency in DOLLARS

CREW ID: NAT92B UPB ID: NAT92A

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 15:09:31

PROJECT CB0231: CB BLDG 023, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR PAGE 1

REPORT

No errors detected...

* * * END OF ERROR REPORT * * *

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 23	Building Name: THORPE GYM	
Date Prepared: 3 JAN. 94	Estimator: DIL	Sheet 3 of 3

BID ITEM WEATHERSTRIPPING/CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULK'G. OF EXTERIOR DOORS & WINDOWS	13.83	C.L.F.
DIV. 08 08730 1006 INSTALLING MET. WEATHERSTRIP w/ NEOPRENE BULB ON EXTERIOR DOOR JAMB & HEAD	170	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	30	L.F.

Mon 03 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0233: CB BLDG 023, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:12:07

TITLE PAGE 1

CB BLDG 023, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 023, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/03/94

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U.S. Army Corps of Engineers
 PROJECT CB0233: CB BLDG 023, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION

TIME 15:12:07

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor										
OVERHEAD		P	5.00							
HOME OFC		P	10.00							
PROFIT		C	8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND		P	2.00							

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 15:12:07

PROJECT CB0233: CB BLDG 023, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0233: CB BLDG 023, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 15:12:07

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIQH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	4,176	0	209	0	4,385	4384.60
CB BLDG 023, ECO #3	1.00 EA	4,176	0	209	0	4,385	4384.60

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0233: CB BLDG 023, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:12:07

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	83	2,972	21	269	0	3,262	3262.18
CB BLDG 023, ECO #3 OVERHEAD	1.00 EA	83	2,972	21	269	0	3,262 163	3262.18
SUBTOTAL HOME OFC							3,425 343	
SUBTOTAL PROFIT							3,768 326	
SUBTOTAL BOND							4,094 82	
TOTAL INCL INDIRECTS CONTNGENCY							4,176 209	
TOTAL INCL OWNER COSTS							4,385	

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0233: CB BLDG 023, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** CONTRACTOR INDIRECT SUMMARY **

TIME 15:12:07

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	3,262	163	343	326	82	4,176	4175.81

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 15:12:07

PROJECT CB0233: CB BLDG 023, ECO #3 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

LED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
Exterior Doors & Windows	13.83	CLF	ARFCA	64	2,301	14	132	0	2,447
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	170.00	LF	ACARB	13	446	5	112	0	562
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	30.00	LF	ACARB	6	225	2	25	0	253
Bulb									
Contract				83	2,972	21	269	0	3,262
CB BLDG 023, ECO #3				83	2,972	21	269	0	3,262

LABOR ID: R01_92 EQUIP ID: RG0192

Currency in DOLLARS

CREW ID: NAT92B UPB ID: NAT92A

Mon 03 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0233: CB BLDG 023, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:12:07

REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 024

Architectural Estimate

933702

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. 24	Building Name: COREN APARTMENTS
Date Prepared: 5 JAN. 94	Estimator: D. J. L.
Sheet 1 of 1	

BID ITEM WEATHERSTRIPPING / CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULKING OF EXTERIOR DOORS & WINDOWS	17.86	C.L.F.
DIV. 08 08730 1006 INSTALL MET. WEATHERSTRIP w/ NEOPRENE BULB ON EXTERIOR DOOR HEAD & JAMB	251	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	48	L.F.

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0243: CB BLDG 024, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:49:06

TITLE PAGE 1

CB BLDG 024, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 024, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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U.S. Army Corps of Engineers
PROJECT CB0243: CB BLDG 024, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:49:06

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0243: CB BLDG 024, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:49:06

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0243: CB BLDG 024, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 13:49:06

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	5,626	0	281	0	5,907	5906.89
CB BLDG 024, ECO #3	1.00	EA	5,626	0	281	0	5,907	5906.89

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0243: CB BLDG 024, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 13:49:06

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	112	3,990	29	376	0	4,395	4394.79
CB BLDG 024, ECO #3 OVERHEAD	1.00 EA	112	3,990	29	376	0	4,395 220	4394.79
SUBTOTAL HOME OFC							4,615 461	
SUBTOTAL PROFIT.							5,076 439	
SUBTOTAL BOND							5,515 110	
TOTAL INCL INDIRECTS CONTNGENCY							5,626 281	
TOTAL INCL OWNER COSTS							5,907	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0243: CB BLDG 024, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 13:49:06

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	4,395	220	461	439	110	5,626	5625.61

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 13:49:06

PROJECT CB0243: CB BLDG 024, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
on Ext. Doors & Windows	17.86	CLF	ARFCA	83	2,972	18	170	0	3,161
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	251.00	LF	ACARB	18	658	7	165	0	830
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	48.00	LF	ACARB	10	360	4	41	0	404
Bulb									
				112	3,990	29	376	0	4,395
Contract									
CB BLDG 024, ECO #3				112	3,990	29	376	0	4,395

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 13:49:06

PROJECT CB0243: CB BLDG 024, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 025

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 25	Building Name: QUARTERS 25	
Date Prepared: 3 JAN 94	Estimator: K. STICK	Sheet 1 of 3
BID ITEM - INSUL. GL. / DBL. HUNG WINDOWS		
Description	Quantity	Unit Measurement
REPLACE EXIST'G SINGLE GLAZED ALUM. WINDOWS w/ ANDERSEN PERMA-SHIELD WINDOWS w/ HIGH PERFORMANCE GLAZING w/ SCREENS		
A (14) 2'-8" x 4'-4" OPENING		
B (2) 2'-4" x 4'-4" OPENING		
TOTAL 16 WINDOWS IN ALUM. SIDING		
DIV. 02 02112 1811		
REMOVE EXIST'G WINDOWS @ ± 12 S.F. MAX. EA.	16	EA.
DIV. 08 NEW WINDOWS		
DBL. HUNG 2442	2	EA
DBL. HUNG 2842	14	EA.
AUXILLARY CASING 3/4" THK. x 3 1/2" HEAD & JAMBS		
(14) 10 L.F. = 140 L.F.		
(2) 9 L.F. = 18 L.F.		
158 L.F. TOTAL ≈	160	L.F.
TRIM OUT 16 WINDOWS - EXTENSION JAMBS, CASING STOOL & APRON	16	OPEN'G

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 25	Building Name: QUARTERS 25	
Date Prepared: 3 JAN 94	Estimator: K. STICK	Sheet 2 of 3

BID ITEM - INSUL. GL./OBL. HUNG WINDOWS

Description	Quantity	Unit Measurement
DIV. 09 DRYWALL PATCHING 224 L.F. × 6" = 112 S.F.	112	S.F.
DIV. 09 09920 1212 PAINTING PATCHED DRYWALL TO MATCH EXIST'G.	112	S.F.

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0252: CB BLDG 025, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:10:56

TITLE PAGE 1

CB BLDG 025, ECO #2
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 025, Windows
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0252: CB BLDG 025, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:10:56

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0252: CB BLDG 025, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:10:56

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0252: CB BLDG 025, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:10:56

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	12,147	0	607	0	12,754	12753.83
CB BLDG 025, ECO #2	1.00	EA	12,147	0	607	0	12,754	12753.83

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0252: CB BLDG 025, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:10:56

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	149	3,666	47	5,776	0	9,489	9488.98
CB BLDG 025, ECO #2 OVERHEAD	1.00 EA	149	3,666	47	5,776	0	9,489 474	9488.98
SUBTOTAL HOME OFC							9,963 996	
SUBTOTAL PROFIT							10,960 949	
SUBTOTAL BOND							11,908 238	
TOTAL INCL INDIRECTS CONTNGENCY							12,147 607	
TOTAL INCL OWNER COSTS							12,754	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0252: CB BLDG 025, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:10:56

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	9,489	474	996	949	238	12,147	12146.50

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0252: CB BLDG 025, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:10:56

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 14:10:56

PROJECT CB0252: CB BLDG 025, ECO #2 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Demo Windows < 15 SF(1.3M2)				1.67	48.29	0.25	0.00	0.00	48.54
Wood or Metal Frames	16.00	EA	ULABB	27	773	4	0	0	777
Dbl. Hung 2442 Window				0.59	21.00	0.22	290.44	0.00	311.66
	2.00	EA	ACARB	1	42	0	581	0	623
Dbl. Hung 2842 Window				0.59	21.00	0.22	311.64	0.00	332.86
	14.00	EA	ACARB	8	294	3	4,363	0	4,660
Aux. Casing, Head & Jambs				0.25	0.00	0.09	3.71	0.00	3.80
	160.00	LF		40	0	14	594	0	608
Trim Out Windows				0.42	15.00	0.15	11.13	0.00	26.28
	16.00	EA	ACARB	7	240	2	178	0	421
Drywall Patching				0.56	19.95	0.19	0.29	0.00	20.43
	112.00	SF	ACARA	63	2,234	22	32	0	2,288
Paint Int Plaster-Drywall(Brush)				0.03	0.74	0.01	0.25	0.00	1.00
Seal Coat Primer-Three Coats Pnt	112.00	SF	APTRA	3	83	1	28	0	112
Contract				149	3,666	47	5,776	0	9,489
CB BLDG 025, ECO #2				149	3,666	47	5,776	0	9,489

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. 25	Building Name: QUARTERS 25	
Date Prepared: 3 JAN 94	Estimator: K. STICK	Sheet 3 of 3

BID ITEM - WEATHERSTRIPPING / CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE		
CAULKING OF EXT. DOORS & WINDOWS	2.58	C.L.F.
DIV. 08 08730 1006 INSTALLING MET.		
WEATHERSTRIP W/ NEOPRENE		
BULB ON EXT. DOOR JAMB & HEAD	34	L.F.
DIV. 08 08730 1007 WEATHERSTRIP		
DOOR BOTTOMS	6	L.F.

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0253: CB BLDG 025, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:15:23

TITLE PAGE 1

CB BLDG 025, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 025, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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PROJECT CB0253: CB BLDG 025, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:15:23

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0253: CB BLDG 025, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:15:23

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0253: CB BLDG 025, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:15:23

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	793	0	40	0	833	832.68
CB BLDG 025, ECO #3	1.00 EA	793	0	40	0	833	832.68

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0253: CB BLDG 025, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:15:23

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	16	563	4	52	0	620	619.52
CB BLDG 025, ECO #3 OVERHEAD	1.00	EA	16	563	4	52	0	620	619.52
								31	
SUBTOTAL								650	
HOME OFC								65	
SUBTOTAL								716	
PROFIT								62	
SUBTOTAL								777	
BOND								16	
TOTAL INCL INDIRECTS								793	
CONTINGENCY								40	
TOTAL INCL OWNER COSTS								833	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0253: CB BLDG 025, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:15:23

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	620	31	65	62	16	793	793.03

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 14:15:23

PROJECT CB0253: CB BLDG 025, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
on Ext. Doors & Windows	2.58	CLF	ARFCA	12	429	3	25	0	457
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	34.00	LF	ACARB	3	89	1	22	0	112
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	6.00	LF	ACARB	1	45	0	5	0	51
Bulb									
				16	563	4	52	0	620
Contract									
				16	563	4	52	0	620
CB BLDG 025, ECO #3									
				16	563	4	52	0	620

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 14:15:23

PROJECT CB0253: CB BLDG 025, ECO #3 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 028

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 28		Building Name: QUARTERS 28	
Date Prepared: 6 JAN. 94	Estimator: K. STICK	Sheet 1 of 3	
BID ITEM - WALL / ROOF INSULATION			
Description	Quantity	Unit Measurement	
DIV. 02 REMOVAL & RESETTING OF EXIST'G. MILLWORK (BASE & CASING)	856	L.F.	
DIV. 06 06111 4201 2x4 WOOD FRAMING AROUND WINDOW & DOOR OPENINGS	347	B.F.	
DIV. 06 1x3 PINE JAMB EXTENSIONS	520	L.F.	
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R = 14.3 (WALL INSUL.)	2244	S.F.	
DIV. 07 BLOWN-IN CELLULOSE INSUL. - 4" ± BETWEEN CEIL. JOISTS R = 11.0	1362	S.F.	
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	2244	S.F.	
DIV. 09 INSTALL STD. 2" 'Z' FURR'G @ 24" O.C. BETWEEN 2" RIGID INSUL. BD.	14.88	C.L.F.	
DIV. 09 09920 1221 PAINT'G 1/2" DRYWALL	2244	S.F.	

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 28	Building Name: QUARTERS 28	
Date Prepared: 6 JAN. 94	Estimator: K. STICK	Sheet 2 of 3

BID ITEM - WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 09 09920 1304 PAINT& INT. WOOD TRIM	520	L.F.
DIV. 16 ELEC. WORK ON OUTLETS & SWITCHES	20	EA.

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0281: CB BLDG 028, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:44:02

TITLE PAGE 1

CB BLDG 028, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 028, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/10/94

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U.S. Army Corps of Engineers
PROJECT CB0281: CB BLDG 028, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:44:02

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

		AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor											
OVERHEAD	S		5.00	5.00							
HOME OFC	P		10.00								
PROFIT	S		8.66	5.00							
BOND	P		2.00								
02 Electrical Contractor											
OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P		2.00								

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0281: CB BLDG 028, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:44:02

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0281: CB BLDG 028, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:44:02

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	13,197	0	660	0	13,857	13856.88
CB BLDG 028, ECO #1	1.00 EA	13,197	0	660	0	13,857	13856.88

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0281: CB BLDG 028, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:44:02

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	197	6,319	82	3,909	0	10,309	10309.19
CB BLDG 028, ECO #1 OVERHEAD	1.00	EA	197	6,319	82	3,909	0	10,309 515	10309.19
SUBTOTAL HOME OFC								10,825 1,082	
SUBTOTAL PROFIT								11,907 1,031	
SUBTOTAL BOND								12,938 259	
TOTAL INCL INDIRECTS CONTINGENCY								13,197 660	
TOTAL INCL OWNER COSTS								13,857	

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0281: CB BLDG 028, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:44:02

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	10,046	502	1,055	1,005	252	12,860	12860.23
EL Electrical Contractor	263	13	28	26	7	337	336.80

Mon 10 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0281: CB BLDG 028, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

TIME 14:44:02

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Removal & Resetting of Millwork				0.03	0.95	0.01	0.00	0.00	0.96
	856.00	LF	ULABF	28	813	6	0	0	819
Sills & Plates, 2x4 So Yel Pine				0.02	0.80	0.02	0.24	0.00	1.06
	347.00	BF	ACARD	8	278	7	85	0	369
Jamb Extensions				0.03	0.79	0.01	0.42	0.00	1.22
	520.00	LF	ULABF	14	411	3	220	0	634
2" Polyiso., R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.16
	2244.00	SF	ACARA	16	583	6	2,022	0	2,611
Blown-in Cell. Insul. 4", R11.0				0.00	0.09	0.01	0.13	0.00	0.23
	1362.00	SF	AASED	4	123	19	173	0	315
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And				0.02	0.69	0.01	0.21	0.00	0.91
	2244.00	SF	ACARB	25	900	9	414	0	2,040
				18	648	7	62		
td 2" Z Furring, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	14.88	CLF	ACARA	31	1,109	11	418	0	1,537
Interior Roller Work				0.01	0.29	0.00	0.19	0.00	0.48
One Coat Primer-Two Coats Paint	2244.00	SF	APTRA	24	644	7	428	0	1,079
Paint Int Wd Trim, 1Prime, 2Paint Enamel Primer, Alkyd or Latex Pnt				0.04	1.14	0.01	0.08	0.00	1.23
	520.00	LF	APTRA	22	590	7	44	0	641
Electrical Work on Outlets & Switches				0.28	11.00	0.04	2.12	0.00	13.16
	20.00	EA	EELEB	6	220	1	42	0	263
Contract				197	6,319	82	3,909	0	10,309
CB BLDG 028, ECO #1				197	6,319	82	3,909	0	10,309

Mon 10 Jan 1994

U.S. Army Corps of Engineers

TIME 14:44:02

PROJECT CB0281: CB BLDG 028, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 28		Building Name: QUARTERS 28	
Date Prepared: 6 JAN. 94	Estimator: K. STICK	Sheet 3 of 3	
BID ITEM - WEATHERSTRIPPING/CAULKING			
Description	Quantity	Unit	Measurement
DIV. 07 07920 1101 POLYURETHANE CAULK'G OF EXT. DOORS & WINDOWS	5.20		C.L.F.
DIV. 08 08730 1006 INSTALLING MET. WEATHERSTRIP W/ NEOPRENE BULB ON EXT. DOOR JAMB & HEAD	51		L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	9		L.F.

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0283: CB BLDG 028, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:20

TITLE PAGE 1

CB BLDG 028, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 028, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/10/94

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U.S. Army Corps of Engineers
PROJECT CB0283: CB BLDG 028, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:20

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0283: CB BLDG 028, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:20

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0283: CB BLDG 028, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:48:20

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	1,491	0	75	0	1,565	1565.36
CB BLDG 028, ECO #3	1.00	EA	1,491	0	75	0	1,565	1565.36

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0283: CB BLDG 028, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:48:20

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	30	1,066	7	91	0	1,165	1164.64
CB BLDG 028, ECO #3 OVERHEAD	1.00	EA	30	1,066	7	91	0	1,165 58	1164.64
SUBTOTAL HOME OFC								1,223 122	
SUBTOTAL PROFIT								1,345 116	
SUBTOTAL BOND								1,462 29	
TOTAL INCL INDIRECTS CONTINGENCY								1,491 75	
TOTAL INCL OWNER COSTS								1,565	

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0283: CB BLDG 028, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:20

SUMMARY PAGE 3

** CONTRACTOR INDIRECT SUMMARY **

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	1,165	58	122	116	29	1,491	1490.82

Mon 10 Jan 1994

DETAILED ESTIMATE

U.S. Army Corps of Engineers
PROJECT CB0283: CB BLDG 028, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 14:48:20

DETAIL PAGE 1

QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
--------	-----	---------	--------	-------	----------	----------	-------	------------

Contract

Polyurethane Cmpd, 1/4"x1/4" Joint on Ext. Doors & Windows	5.20	CLF	ARFCA	4.65 24	166.39 865	1.03 5	9.54 50	0.00 0	176.96 920
---	------	-----	-------	------------	---------------	-----------	------------	-----------	---------------

Mtl Weatherstrip w/Neoprene Bulb For Head and Jamb	51.00	LF	ACARB	0.07 4	2.62 134	0.03 1	0.66 34	0.00 0	3.31 169
---	-------	----	-------	-----------	-------------	-----------	------------	-----------	-------------

Mtl Weatherstrip for Door Bottom Surface Mounted w/Vinyl Bulb Bulb	9.00	LF	ACARB	0.21 2	7.50 67	0.08 1	0.85 8	0.00 0	8.42 76
--	------	----	-------	-----------	------------	-----------	-----------	-----------	------------

Contract				30	1,066	7	91	0	1,165
----------	--	--	--	----	-------	---	----	---	-------

CB BLDG 028, ECO #3				30	1,066	7	91	0	1,165
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Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0283: CB BLDG 028, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:20

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

Building 032

Architectural Estimate

933702

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. 32		Building Name: QUARTERS 32	
Date Prepared: 5 JAN. 94	Estimator: K. STICK	Sheet 1 of 1	
BID ITEM - WEATHERSTRIPPING / CAULKING			
Description	Quantity	Unit Measurement	
DIV. 07 07920 1101 POLYURETHANE CAULKING OF EXT. DOORS & WINDOWS	3.24	C.L.F.	
DIV. 08 08730 1006 INSTALLING MET. WEATHERSTRIP W/ NEOPRENE BULB ON EXT. DOOR JAMB & HEAD	50	L.F.	
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	9	L.F.	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0323: CB BLDG 032, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:27:46

TITLE PAGE 1

CB BLDG 032, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 032, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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U.S. Army Corps of Engineers
PROJECT CB0323: CB BLDG 032, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:27:46

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor										
OVERHEAD		P	5.00							
HOME OFC		P	10.00							
PROFIT		C	8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND		P	2.00							

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0323: CB BLDG 032, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:27:46

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0323: CB BLDG 032, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:27:46

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIQH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	1,043	0	52	0	1,095	1094.73
CB BLDG 032, ECO #3	1.00	EA	1,043	0	52	0	1,095	1094.73

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0323: CB BLDG 032, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:27:46

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	21	738	5	71	0	814	814.49
CB BLDG 032, ECO #3 OVERHEAD	1.00	EA	21	738	5	71	0	814 41	814.49
SUBTOTAL HOME OFC								855 86	
SUBTOTAL PROFIT								941 81	
SUBTOTAL BOND								1,022 20	
TOTAL INCL INDIRECTS CONTINGENCY								1,043 52	
TOTAL INCL OWNER COSTS								1,095	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0323: CB BLDG 032, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:27:46

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	814	41	86	81	20	1,043	1042.60

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0323: CB BLDG 032, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 14:27:46

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint on Ext. Doors & Windows	3.24	CLF	ARFCA	4.65 15	166.39 539	1.03 3	9.54 31	0.00 0	176.96 573
Mtl Weatherstrip w/Neoprene Bulb For Head and Jamb	50.00	LF	ACARB	0.07 4	2.62 131	0.03 1	0.66 33	0.00 0	3.31 165
Mtl Weatherstrip for Door Bottom Surface Mounted w/Vinyl Bulb Bulb	9.00	LF	ACARB	0.21 2	7.50 67	0.08 1	0.85 8	0.00 0	8.42 76
				21	738	5	71	0	814
Contract				21	738	5	71	0	814
CB BLDG 032, ECO #3				21	738	5	71	0	814

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0323: CB BLDG 032, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:27:46

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

Building 033

Architectural Estimate

933702

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. 33	Building Name: QUARTERS 33	
Date Prepared: 5 JAN. 94	Estimator: K. STICK	Sheet 1 of 1
BID ITEM - WEATHERSTRIPPING / CAULKING		
Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULK'G OF EXT. DOORS & WINDOWS	3.24	C.L.F.
DIV. 08 08730 1006 INSTALLING MET. WEATHERSTRIP W/ NEOPRENE BULB ON EXT. DOOR JAMB & HEAD	50	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	9	L.F.

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0333: CB BLDG 033, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:35:20

TITLE PAGE 1

CB BLDG 033, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 033, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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U.S. Army Corps of Engineers
PROJECT CB0333: CB BLDG 033, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:35:20

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118	
BOND	P	2.00								

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0333: CB BLDG 033, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:35:20

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0333: CB BLDG 033, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:35:20

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	1,043	0	52	0	1,095	1094.73
CB BLDG 033, ECO #3	1.00	EA	1,043	0	52	0	1,095	1094.73

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0333: CB BLDG 033, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:35:20

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	21	738	5	71	0	814	814.49
CB BLDG 033, ECO #3 OVERHEAD	1.00	EA	21	738	5	71	0	814 41	814.49
SUBTOTAL								855	
HOME OFC								86	
SUBTOTAL								941	
PROFIT								81	
SUBTOTAL								1,022	
BOND								20	
TOTAL INCL INDIRECTS								1,043	
CONTNGENCY								52	
TOTAL INCL OWNER COSTS								1,095	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0333: CB BLDG 033, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:35:20

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	814	41	86	81	20	1,043	1042.60

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 14:35:20

PROJECT CB0333: CB BLDG 033, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint on Ext. Doors & Windows	3.24	CLF	ARFCA	4.65 15	166.39 539	1.03 3	9.54 31	0.00 0	176.96 573
Mtl Weatherstrip w/Neoprene Bulb For Head and Jamb	50.00	LF	ACARB	0.07 4	2.62 131	0.03 1	0.66 33	0.00 0	3.31 165
Mtl Weatherstrip for Door Bottom Surface Mounted w/Vinyl Bulb Bulb	9.00	LF	ACARB	0.21 2	7.50 67	0.08 1	0.85 8	0.00 0	8.42 76
				21	738	5	71	0	814
Contract				21	738	5	71	0	814
CB BLDG 033, ECO #3				21	738	5	71	0	814

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0333: CB BLDG 033, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:35:20

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

Building 034

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY

Individual Building Material Take Off Worksheet

Building No. 34	Building Name: QUARTERS 34	
Date Prepared: 5 JAN. 94	Estimator: K. STICK	Sheet 1 of 1

BID ITEM - WEATHERSTRIPPING / CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULK'G OF EXT. DOORS & WINDOWS	3.14	C.L.F.
DIV. 08 08730 1006 INSTALLING MET. WEATHERSTRIP w/ NEOPRENE BULB ON EXT. DOOR JAMB & HEAD	34	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	6	L.F.

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0343: CB BLDG 034, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:38:39

TITLE PAGE 1

CB BLDG 034, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 034, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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PROJECT CB0343: CB BLDG 034, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:38:39

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0343: CB BLDG 034, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:38:39

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0343: CB BLDG 034, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:38:39

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SION	TOTAL COST	UNIT COST
01 Contract	1.00 EA	920	0	46	0	966	965.87
CB BLDG 034, ECO #3	1.00 EA	920	0	46	0	966	965.87

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0343: CB BLDG 034, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:38:39

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	18	657	5	57	0	719	718.62
CB BLDG 034, ECO #3 OVERHEAD	1.00	EA	18	657	5	57	0	719 36	718.62
SUBTOTAL HOME OFC								755 75	
SUBTOTAL PROFIT								830 72	
SUBTOTAL BOND								902 18	
TOTAL INCL INDIRECTS CONTNGENCY								920 46	
TOTAL INCL OWNER COSTS								966	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0343: CB BLDG 034, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:38:39

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	719	36	75	72	18	920	919.88

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 14:38:39

PROJECT CB0343: CB BLDG 034, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
--------	-----	---------	--------	-------	----------	----------	-------	------------

Contract

Polyurethane Cmpd, 1/4"x1/4"Joint on Ext. Doors & Windows	3.14	CLF ARFCA	4.65 15	166.39 522	1.03 3	9.54 30	0.00 0	176.96 556
Mtl Weatherstrip w/Neoprene Bulb For Head and Jamb	34.00	LF ACARB	0.07 3	2.62 89	0.03 1	0.66 22	0.00 0	3.31 112
Mtl Weatherstrip for Door Bottom Surface Mounted w/Vinyl Bulb Bulb	6.00	LF ACARB	0.21 1	7.50 45	0.08 0	0.85 5	0.00 0	8.42 51

Contract			18	657	5	57	0	719
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CB BLDG 034, ECO #3			18	657	5	57	0	719
---------------------	--	--	----	-----	---	----	---	-----

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0343: CB BLDG 034, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:38:39

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

Building 040

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 40	Building Name: TRUSCOTT HALL	
Date Prepared: 5 JAN. 94	Estimator: K. STICK	Sheet 1 of 1

BID ITEM - WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 07 BLOWN-IN CELLULOSE INSUL. IN 3 1/2" STUD WALLS (R=14.0) DRILLING & PATCHING DRYWALL & LEAD PAINT ABATEMENT INCLUDED.	2947	S.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 (STORAGE RM. WALL INSUL.)	104	S.F.
DIV. 07 ADHERE 1" RIGID POLYISO. INSUL. BD. TO EXIST'G DRYWALL CEIL. R=7.2 (INCLUDE 4005)	4130	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	4234	S.F.
DIV. 09 INSTALL STD. 2" 'Z' FURR'G @ 24" O.C. BETWEEN 2" RIGID INSUL. BD.	0.56	C.L.F.
DIV. 09 0920 1221 PAINT'G 1/2" DRYWALL	4234	S.F.
DIV. 09 INSTALL 4" VINYL COVE BASE	13	L.F.
DIV. 16 ELEC. WORK ON OUTLETS & SWITCHES	65	EA.

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB0401: CB BLDG 040, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 14:48:23

TITLE PAGE 1

CB BLDG 040, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 040, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 05/17/94

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Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB0401: CB BLDG 040, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 14:48:23

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:48:23

PROJECT CB0401: CB BLDG 040, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
--	--------	-----	-------	------	------	------	--------	--------	--------	--------

01 General Contractor

OVERHEAD	S	5.00	5.00							
HOME OFC	P	10.00								
PROFIT	S	8.66	5.00							
BOND	P	2.00								

02 Electrical Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB0401: CB BLDG 040, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:48:23

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIGN	TOTAL COST	UNIT COST
01 Contract	1.00 EA	18,531	0	927	0	19,458	19457.71
CB BLDG 040, ECO #1	1.00 EA	18,531	0	927	0	19,458	19457.71

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB0401: CB BLDG 040, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:48:23

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	267	9,181	88	5,208	0	14,476	14476.11
CB BLDG 040, ECO #1 OVERHEAD	1.00	EA	267	9,181	88	5,208	0	14,476 724	14476.11
SUBTOTAL HOME OFC								15,200 1,520	
SUBTOTAL PROFIT								16,720 1,448	
SUBTOTAL BOND								18,168 363	
TOTAL INCL INDIRECTS CONTNGENCY								18,531 927	
TOTAL INCL OWNER COSTS								19,458	

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB0401: CB BLDG 040, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:48:23

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	13,621	681	1,430	1,362	342	17,437	17436.56
EL Electrical Contractor	855	43	90	85	21	1,095	1094.60

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:48:23

PROJECT CB0401: CB BLDG 040, ECO #1 - ESOS Carlisle Barracks

DETAILED ESTIMATE

PREFINAL SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTITY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Blown in Cell. Insul., Includes				0.03	1.11	0.01	0.18	0.00	1.30
Drilling, Patching & Lead Paint	2947.00	SF	ACARA	92	3,271	32	531	0	3,834
Abatement									
2" Polyiso., R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.16
	104.00	SF	ACARA	1	27	0	94	0	121
1" Polyiso., R7.2 Rigid Insul.				0.01	0.24	0.00	0.66	0.00	0.90
	4130.00	SF	ACARA	28	982	9	2,714	0	3,706
1/2" Drywall, One Layer, One Face				0.02	0.69	0.01	0.21	0.00	0.91
On Metal Studs or Furring, (13mm)	4234.00	SF	ACARB	48	1,699	17	781	0	3,849
For Taping, Spackling, And				34	1,223	13	117		
Std. 2" Z Furrinf, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	0.56	CLF	ACARA	1	42	0	16	0	58
Interior Roller Work				0.01	0.29	0.00	0.19	0.00	0.48
One Coat Primer-Two Coats Paint	4234.00	SF	APTRA	46	1,215	14	808	0	2,036
4" Vinyl Base				0.02	0.61	0.00	0.74	0.00	1.36
	13.00	LF	APAPA	0	8	0	10	0	18
Electrical Work on Outlets &				0.28	11.00	0.04	2.12	0.00	13.16
Switches	65.00	EA	EELEB	18	715	2	138	0	855
Contract				267	9,181	88	5,208	0	14,476
CB BLDG 040, ECO #1				267	9,181	88	5,208	0	14,476

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:48:23

PROJECT CB0401: CB BLDG 040, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

Building 045

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 45	Building Name: BOUQUET HALL	
Date Prepared: 5 JAN. 94	Estimator: DJL	Sheet 1 of 3
BID ITEM WALL / ROOF INSULATION		
Description	Quantity	Unit Measurement
DIV. 06 0611 4201 2X4 WOOD FRAMING AROUND WINDOW OPENINGS	637	B.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 (WALL INSUL.)	3,826	S.F.
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R=19.0 (ROOF INSUL)	5,992	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	3,826	S.F.
DIV. 09 INSTALL STD. 2" 'Z' FURRING @ 24" OC. ON WALLS	24.00	C.L.F.
DIV. 09 09920 1221 PAINTING 1/2" DRYWALL	3,826	S.F.
DIV. 09 INSTALL 4" VINYL BASE	631	L.F.
DIV. 16 ELECTRIC WORK ON OUT. LETS & SWITCHES	60	EA.

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 45 Building Name: BOUQUET HALL
 Date Prepared: 5 JAN 94 Estimator: DJL Sheet 2 of 3

BID ITEM WALL/ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 16 ELECTRIC WORK ON WALL MTD. LIGHT FIXTURE	2	EA

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0451: CB BLDG 045, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:21:59

TITLE PAGE 1

CB BLDG 045, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 045, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/06/94

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U.S. Army Corps of Engineers
PROJECT CB0451: CB BLDG 045, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:21:59

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

		AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor											
OVERHEAD	S		5.00	5.00							
HOME OFC	P		10.00								
PROFIT	S		8.66	5.00							
BOND	P		2.00								
02 Electrical Contractor											
OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P		2.00								

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0451: CB BLDG 045, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:21:59

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3
DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0451: CB BLDG 045, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:21:59

SUMMARY PAGE 1

** PROJECT OWNER SUMMARY - LEVEL 1 **

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	22,672	0	1,134	0	23,806	23805.71
CB BLDG 045, ECO #1	1.00	EA	22,672	0	1,134	0	23,806	23805.71

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0451: CB BLDG 045, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:21:59

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	290	9,923	100	7,688	0	17,711	17710.91
CB BLDG 045, ECO #1 OVERHEAD	1.00	EA	290	9,923	100	7,688	0	17,711 886	17710.91
SUBTOTAL HOME OFC								18,596 1,860	
SUBTOTAL PROFIT								20,456 1,771	
SUBTOTAL BOND								22,228 445	
TOTAL INCL INDIRECTS CONTNGENCY								22,672 1,134	
TOTAL INCL OWNER COSTS								23,806	

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0451: CB BLDG 045, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:21:59

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	16,850	843	1,769	1,685	423	21,570	21570.20
EL Electrical Contractor	861	43	90	86	22	1,102	1101.91

Thu 06 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0451: CB BLDG 045, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

TIME 14:21:59

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Sills & Plates, 2x4 So Yel Pine				0.02	0.80	0.02	0.24	0.00	1.06
	637.00	BF	ACARD	14	510	12	155	0	678
2" Polyiso., R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.16
	3826.00	SF	ACARA	28	995	10	3,447	0	4,452
6" Unfaced Batt, R19 Fbgs Insul				0.01	0.30	0.00	0.21	0.00	0.51
	5992.00	SF	ACARA	50	1,781	17	1,270	0	3,068
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And				0.02	0.69	0.01	0.21	0.00	0.91
	3826.00	SF	ACARB	43	1,535	16	705	0	3,478
				31	1,105	11	106		
Std. 2" Z Furring, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	24.00	CLF	ACARA	50	1,788	17	674	0	2,480
Interior Roller Work One Coat Primer-Two Coats Paint				0.01	0.29	0.00	0.19	0.00	0.48
	3826.00	SF	APTRA	41	1,098	12	730	0	1,840
Vinyl Base				0.02	0.61	0.00	0.74	0.00	1.36
	631.00	LF	APAPA	14	385	2	468	0	855
Electrical Work on Outlets & Switches				0.28	11.00	0.04	2.12	0.00	13.16
	60.00	EA	EELEB	17	660	2	127	0	789
Electrical Work on Wall Mounted Lights				0.93	33.50	0.12	2.12	0.00	35.74
	2.00	EA	EELEF	2	67	0	4	0	71
Contract				290	9,923	100	7,688	0	17,711
CB BLDG 045, ECO #1				290	9,923	100	7,688	0	17,711

Thu 06 Jan 1994

U.S. Army Corps of Engineers

TIME 14:21:59

PROJECT CB0451: CB BLDG 045, ECO #1 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. 45	Building Name: BOUQUET HALL	
Date Prepared: 5 JAN 94	Estimator: DJL	Sheet 3 of 3

BID ITEM WEATHERSTRIPPING / CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULKING OF EXTERIOR DOORS	1.20	C.L.F.
DIV. 08 08730 1006 INSTALL MET. WEATHERSTRIP w/ NEOPRENE BULB ON EXTERIOR DOOR HEAD & JAMB	120	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	27	L.F.

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0453: CB BLDG 045, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:25:15

TITLE PAGE 1

CB BLDG 045, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 045, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/06/94

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Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0453: CB BLDG 045, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:25:15

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor										
OVERHEAD		P	5.00							
HOME OFC		P	10.00							
PROFIT		C	8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND		P	2.00							

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0453: CB BLDG 045, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:25:15

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0453: CB BLDG 045, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:25:15

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	1,071	0	54	0	1,124	1124.41
CB BLDG 045, ECO #3	1.00	EA	1,071	0	54	0	1,124	1124.41

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0453: CB BLDG 045, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:25:15

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	20	717	7	113	0	837	836.57
CB BLDG 045, ECO #3 OVERHEAD	1.00	EA	20	717	7	113	0	837	836.57
								42	
SUBTOTAL HOME OFC								878	88
SUBTOTAL PROFIT								966	84
SUBTOTAL BOND								1,050	21
TOTAL INCL INDIRECTS CONTNGENCY								1,071	54
TOTAL INCL OWNER COSTS								1,124	

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0453: CB BLDG 045, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:25:15

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	837	42	88	84	21	1,071	1070.86

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0453: CB BLDG 045, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 14:25:15

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint on Ext. Doors	1.20	CLF	ARFCA	4.65	166.39	1.03	9.54	0.00	176.96
				6	200	1	11	0	212
Mtl Weatherstrip w/Neoprene Bulb For Head and Jamb	120.00	LF	ACARB	0.07	2.62	0.03	0.66	0.00	3.31
				9	315	3	79	0	397
Mtl Weatherstrip for Door Bottom Surface Mounted w/Vinyl Bulb	27.00	LF	ACARB	0.21	7.50	0.08	0.85	0.00	8.42
				6	202	2	23	0	227
Contract				20	717	7	113	0	837
CB BLDG 045, ECO #3				20	717	7	113	0	837

Thu 06 Jan 1994

U.S. Army Corps of Engineers

TIME 14:25:15

PROJECT CB0453: CB BLDG 045, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 046

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 46	Building Name: ANNE ELY HALL	
Date Prepared: 5 JAN 94	Estimator: DJL	Sheet 1 of 2
BID ITEM WALL/ROOF INSULATION		
Description	Quantity	Unit Measurement
DIV. 06 0611 4201 2x4 WOOD FRAMING AROUND WINDOW OPENINGS	1410	B.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 (WALL INSUL.)	9,785	S.F.
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL R=19.0 (ROOF INSUL)	11,031	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	9,785	S.F.
DIV. 09 INSTALL STD. 2" "Z" FURRING @ 24" O.C. ON WALLS	61.88	C.L.F.
DIV. 09 09920 1221 PAINTING 1/2" DRYWALL	9,785	S.F.
DIV. 09 INSTALL 4" VINYL BASE	970	L.F.
DIV. 16 ELECTRIC WORK ON OUT- LETS & SWITCHES	60	EA.

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 46	Building Name: ANNE ELY HALL
Date Prepared: 5 JAN 94	Estimator: DJL

Sheet **2** of **2**

BID ITEM WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 16 ELECTRIC WORK ON WALL		
MTD LIGHT FIXTURE	10	EA
DIV. 16 ELECTRIC WORK ON FIRE		
ALARM PULL STATIONS	5	EA
DIV. 16 ELECTRIC WORK ON FIRE		
ALARM BELLS	5	EA

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0461: CB BLDG 046, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:36:59

TITLE PAGE 1

CB BLDG 046, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 046, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/06/94

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Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0461: CB BLDG 046, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:36:59

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

		AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor											
OVERHEAD	S		5.00	5.00							
HOME OFC	P		10.00								
PROFIT	S		8.66	5.00							
BOND	P		2.00								
02 Electrical Contractor											
OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P		2.00								

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0461: CB BLDG 046, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:36:59

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0461: CB BLDG 046, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:36:59

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	52,915	0	2,646	0	55,561	55560.71
CB BLDG 046, ECO #1	1.00	EA	52,915	0	2,646	0	55,561	55560.71

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0461: CB BLDG 046, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:36:59

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	675	23,031	237	18,068	0	41,336	41335.90
CB BLDG 046, ECO #1 OVERHEAD	1.00	EA	675	23,031	237	18,068	0	41,336 2,067	41335.90
SUBTOTAL								43,403	
HOME OFC								4,340	
SUBTOTAL								47,743	
PROFIT								4,134	
SUBTOTAL								51,877	
BOND								1,038	
TOTAL INCL INDIRECTS								52,915	
CONTNGENCY								2,646	
TOTAL INCL OWNER COSTS								55,561	

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB0461: CB BLDG 046, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:36:59

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	39,842	1,992	4,183	3,985	1,000	51,003	51002.51
EL Electrical Contractor	1,494	75	157	149	37	1,912	1912.46

Thu 06 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB0461: CB BLDG 046, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

TIME 14:36:59

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Sills & Plates, 2x4 So Yel Pine				0.02	0.80	0.02	0.24	0.00	1.06
	1410.00	BF	ACARD	32	1,128	28	344	0	1,500
2" Polyiso., R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.16
	9785.00	SF	ACARA	71	2,544	25	8,816	0	11,385
6" Unfaced Batt, R19 Fbgs Insul				0.01	0.30	0.00	0.21	0.00	0.51
	11031	SF	ACARA	92	3,278	32	2,339	0	5,648
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And				0.02	0.69	0.01	0.21	0.00	0.91
	9785.00	SF	ACARB	110	3,925	40	1,804	0	8,896
				79	2,826	29	271		
Std. 2" Z Furring, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	61.88	CLF	ACARA	129	4,610	45	1,738	0	6,393
Interior Roller Work One Coat Primer-Two Coats Paint				0.01	0.29	0.00	0.19	0.00	0.48
	9785.00	SF	APTRA	105	2,807	32	1,867	0	4,706
" Vinyl Base				0.02	0.61	0.00	0.74	0.00	1.36
	970.00	LF	APAPA	22	592	3	720	0	1,314
Electrical Work on Outlets & Switches				0.28	11.00	0.04	2.12	0.00	13.16
	60.00	EA	EELEB	17	660	2	127	0	789
Electrical Work on Wall Mounted Lights				0.93	33.50	0.12	2.12	0.00	35.74
	10.00	EA	EELEF	9	335	1	21	0	357
Electrical Work on Fire Alarm Pull Stations				0.82	32.50	0.11	2.12	0.00	34.73
	5.00	EA	EELEB	4	163	1	11	0	174
Electrical Work on Fire Alarm Bells				0.82	32.50	0.11	2.12	0.00	34.73
	5.00	EA	EELEB	4	163	1	11	0	174
Contract				675	23,031	237	18,068	0	41,336
CB BLDG 046, ECO #1				675	23,031	237	18,068	0	41,336

Thu 06 Jan 1994

U.S. Army Corps of Engineers

TIME 14:36:59

PROJECT CB0461: CB BLDG 046, ECO #1 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

Building 101
***(Typical for 102, 103, 104, 105, 106, 108,
109, 110, 111, 112, 113, and 114)***

Architectural Estimate

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 101	Building Name: FORBES AVENUE
Date Prepared: 4 JAN. 94	Estimator: DJL
Sheet 1 of 3	

BID ITEM WALL/ROOF INSULATION

Description	Quantity	Unit Measurement
DIV.02 REMOVAL & RESETTING OF EXIST'G. MILLWORK (BASE & CASINGS).	848	L.F.
DIV.06 06111 4201 2x4 WOOD FRAMING AROUND WINDOW & DOOR OPENING'S	391	B.F.
DIV.06 1x3 PINE JAMB EXTENSION	434	L.F.
DIV.07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 (WALL INSUL.)	1926	S.F.
DIV.07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R=19.0 (ROOF INSUL)	1480	S.F.
DIV.09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	1926	S.F.
DIV.09 INSTALL STD. 2" 'Z' FURRING @ 24" O.C. ON WALLS	14.79	C.L.F.
DIV.09 09920 1221 PAINTING 1/2" DRYWALL	1926	S.F.

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. <i>101</i>	Building Name: <i>FORBES AVENUE</i>	
Date Prepared: <i>4 JAN 94</i>	Estimator: <i>DJL</i>	Sheet <i>2</i> of <i>3</i>

BID ITEM WALL/ROOF INSULATION

Description	Quantity	Unit Measurement
<i>DIV. 16 ELECT. WORK ON OUTLETS</i>		
<i>& SWITCHES</i>	<i>40</i>	<i>EA.</i>

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1011: CB BLDG 101, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:28:01

TITLE PAGE 1

CB BLDG 101, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 101, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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PROJECT CB1011: CB BLDG 101, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:28:01

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
--	--------	-----	-------	------	------	------	--------	--------	--------	--------

01 General Contractor

OVERHEAD	S	5.00	5.00							
HOME OFC	P	10.00								
PROFIT	S	8.66	5.00							
BOND	P	2.00								

02 Electrical Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1011: CB BLDG 101, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:28:01

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1011: CB BLDG 101, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 15:28:01

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SION	TOTAL COST	UNIT COST
01 Contract	1.00	EA	12,145	0	607	0	12,752	12751.92
CB BLDG 101, ECO #1	1.00	EA	12,145	0	607	0	12,752	12751.92

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1011: CB BLDG 101, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:28:01

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	175	5,825	57	3,604	0	9,487	9487.14
CB BLDG 101, ECO #1 OVERHEAD	1.00	EA	175	5,825	57	3,604	0	9,487 474	9487.14
SUBTOTAL HOME OFC								9,962 996	
SUBTOTAL PROFIT								10,958 949	
SUBTOTAL BOND								11,907 238	
TOTAL INCL INDIRECTS CONTNGENCY								12,145 607	
TOTAL INCL OWNER COSTS								12,752	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1011: CB BLDG 101, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 15:28:01

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	8,961	448	941	896	225	11,471	11471.09
EL Electrical Contractor	526	26	55	53	13	674	673.60

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Removal & Resetting of Millwork				0.03	0.95	0.01	0.00	0.00	0.96
	848.00	LF	ULABF	28	806	6	0	0	812
Sills & Plates, 2x4 So Yel Pine Around Doors & Windows				0.02	0.80	0.02	0.24	0.00	1.06
	391.00	BF	ACARD	9	313	8	95	0	416
Jamb Extensions				0.03	0.79	0.01	0.42	0.00	1.22
	434.00	LF	ULABF	12	343	3	184	0	529
2" Polyiso., R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.16
	1926.00	SF	ACARA	14	501	5	1,735	0	2,241
6" Unfaced Batt, R19 Fbgs Insul				0.01	0.30	0.00	0.21	0.00	0.51
	1480.00	SF	ACARA	12	440	4	314	0	758
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And				0.02	0.69	0.01	0.21	0.00	0.91
	1926.00	SF	ACARB	22	773	8	355	0	1,751
				16	556	6	53		
td. 2" Z Furring, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	14.79	CLF	ACARA	31	1,102	11	415	0	1,528
Interior Roller Work				0.01	0.29	0.00	0.19	0.00	0.48
One Coat Primer-Two Coats Paint	1926.00	SF	APTRA	21	553	6	367	0	926
Electrical Work on Outlets & Switches				0.28	11.00	0.04	2.12	0.00	13.16
	40.00	EA	EELEB	11	440	1	85	0	526
Contract				175	5,825	57	3,604	0	9,487
CB BLDG 101, ECO #1				175	5,825	57	3,604	0	9,487

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 15:28:01

PROJECT CB1011: CB BLDG 101, ECO #1 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. **101** Building Name: **FORBES AVENUE**
Date Prepared: **4 JAN 94** Estimator: **DJL** Sheet **3** of **3**

BID ITEM WEATHERSTRIPPING / CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULKING OF EXTERIOR DOORS & WINDOWS	7.15	C.L.F.
DIV. 08 08730 1006 INSTALL MET. WEATHERSTRIP w/ NEOPRENE BULB ON EXTERIOR DOOR JAMB & HEAD	144	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	28	L.F.

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1013: CB BLDG 101, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:33:58

TITLE PAGE 1

CB BLDG 101, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 101, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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PROJECT CB1013: CB BLDG 101, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:33:58

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118	
BOND	P		2.00								

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1013: CB BLDG 101, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:33:58

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1013: CB BLDG 101, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:33:58

SUMMARY PAGE 1

** PROJECT OWNER SUMMARY - LEVEL 1 **

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	2,531	0	127	0	2,658	2657.58
CB BLDG 101, ECO #3	1.00	EA	2,531	0	127	0	2,658	2657.58

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1013: CB BLDG 101, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:33:58

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	50	1,777	13	187	0	1,977	1977.27
CB BLDG 101, ECO #3 OVERHEAD	1.00	EA	50	1,777	13	187	0	1,977 99	1977.27
SUBTOTAL HOME OFC								2,076 208	
SUBTOTAL PROFIT								2,284 198	
SUBTOTAL BOND								2,481 50	
TOTAL INCL INDIRECTS CONTNGENCY								2,531 127	
TOTAL INCL OWNER COSTS								2,658	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1013: CB BLDG 101, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 15:33:58

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	1,977	99	208	198	50	2,531	2531.03

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 15:33:58

PROJECT CB1013: CB BLDG 101, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
on Ext. Doors & Windows	7.15	CLF	ARFCA	33	1,190	7	68	0	1,265
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	144.00	LF	ACARB	11	378	4	95	0	476
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	28.00	LF	ACARB	6	210	2	24	0	236
Bulb									
Contract				50	1,777	13	187	0	1,977
CB BLDG 101, ECO #3				50	1,777	13	187	0	1,977

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 15:33:58

PROJECT CB1013: CB BLDG 101, ECO #3 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

Building 107

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 107	Building Name: FORBES AVENUE
Date Prepared: 6 JAN 94	Estimator: DJL

Sheet 1 of 3

BID ITEM WALL/ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 02 REMOVAL & RESETTING OF EXIST'G MILLWORK (BASE & CASINGS)	848	L.F.
DIV. 06 0611 4201 2x4 WOOD FRAMING AROUND WINDOW & DOOR OPENINGS	391	B.F.
DIV. 06 1x3 PINE JAMB EXTENSION	434	L.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL BD. R=14.3 (WALL INSUL)	1926	S.F.
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL R=19.0 (ROOF INSUL)	1480	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	1926	S.F.
DIV. 09 INSTALL STD. 2" 'Z' FURRING @ 24" O.C. ON WALLS	14.79	C.L.F.
DIV. 09 09920 1221 PAINTING 1/2" DRYWALL	1926	S.F.

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. 107	Building Name: FORBES AVENUE
Date Prepared:	Estimator:

Sheet **2** of **3**

BID ITEM **(VALL/ ROOF INSULATION)**

Description	Quantity	Unit Measurement
DIV. 16 ELECTRIC WORK ON OUT- LETS & SWITCHES	40	EA

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1071: CB BLDG 107, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:04

TITLE PAGE 1

CB BLDG 107, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 107, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/06/94

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U.S. Army Corps of Engineers
PROJECT CB1071: CB BLDG 107, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:04

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
--------	-----	-------	------	------	------	--------	--------	--------	--------

01 General Contractor

OVERHEAD	S	5.00	5.00						
HOME OFC	P	10.00							
PROFIT	S	8.66	5.00						
BOND	P	2.00							

02 Electrical Contractor

OVERHEAD	P	5.00							
HOME OFC	P	10.00							
PROFIT	C	8.66	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00							

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1071: CB BLDG 107, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:04

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1071: CB BLDG 107, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:48:04

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SION	TOTAL COST	UNIT COST
01 Contract	1.00	EA	12,145	0	607	0	12,752	12752.41
CB BLDG 107, ECO #1	1.00	EA	12,145	0	607	0	12,752	12752.41

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1071: CB BLDG 107, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:48:04

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	175	5,826	57	3,604	0	9,488	9487.61
CB BLDG 107, ECO #1 OVERHEAD	1.00	EA	175	5,826	57	3,604	0	9,488 474	9487.61
SUBTOTAL HOME OFC								9,962 996	
SUBTOTAL PROFIT								10,958 949	
SUBTOTAL BOND								11,907 238	
TOTAL INCL INDIRECTS CONTNGENCY								12,145 607	
TOTAL INCL OWNER COSTS								12,752	

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1071: CB BLDG 107, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:48:04

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	6,720	336	706	672	169	8,603	8603.02
EL Electrical Contractor	2,767	138	291	277	69	3,542	3542.13

Thu 06 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB1071: CB BLDG 107, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

TIME 14:48:04

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Removal & Resetting of Millwork				0.03	0.95	0.01	0.00	0.00	0.96
	848.00	LF	ULABF	28	806	6	0	0	812
Sills & Plates, 2x4 So Yel Pine				0.02	0.80	0.02	0.24	0.00	1.06
	391.00	BF	ACARD	9	313	8	95	0	416
Jamb Extensions				0.03	0.79	0.01	0.42	0.00	1.22
	434.00	LF	ULABF	12	343	3	184	0	530
2" Polyiso., R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.16
	1926.00	SF	ACARA	14	501	5	1,735	0	2,241
6" Unfaced Batt, R19 Fbgs Insul				0.01	0.30	0.00	0.21	0.00	0.51
	1480.00	SF	ACARA	12	440	4	314	0	758
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And				0.02	0.69	0.01	0.21	0.00	0.91
	1926.00	SF	ACARB	22	773	8	355	0	1,751
				16	556	6	53		
Std. 2" Z Furring, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	14.79	CLF	ACARA	31	1,102	11	415	0	1,528
Interior Roller Work				0.01	0.29	0.00	0.19	0.00	0.48
One Coat Primer-Two Coats Paint	1926.00	SF	APTRA	21	553	6	367	0	926
Electrical Work on Outlets & Switches				0.28	11.00	0.04	2.12	0.00	13.16
	40.00	EA	EELEB	11	440	1	85	0	526
Contract				175	5,826	57	3,604	0	9,488
CB BLDG 107, ECO #1				175	5,826	57	3,604	0	9,488

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1071: CB BLDG 107, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:04

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 107	Building Name: FORBES AVENUE
Date Prepared: 6 JAN 94	Estimator: DJL
Sheet 3 of 3	

BID ITEM WEATHERSTRIPPING/CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULKING OF EXTERIOR DOORS & WINDOWS	7.15	C.L.F.
DIV. 08 08730 1006 INSTALL MET. WEATHERSTRIP W/ NEOPRENE BULB ON EXTERIOR DOOR JAMB & HEAD	144	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	28	L.F.

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1073: CB BLDG 107, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:51:13

TITLE PAGE 1

CB BLDG 107, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 107, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/06/94

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Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1073: CB BLDG 107, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:51:13

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1073: CB BLDG 107, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:51:13

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1073: CB BLDG 107, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:51:13

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIQH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	2,531	0	127	0	2,658	2657.58
CB BLDG 107, ECO #3	1.00 EA	2,531	0	127	0	2,658	2657.58

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1073: CB BLDG 107, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:51:13

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	50	1,777	13	187	0	1,977	1977.27
CB BLDG 107, ECO #3 OVERHEAD	1.00 EA	50	1,777	13	187	0	1,977 99	1977.27
SUBTOTAL HOME OFC							2,076 208	
SUBTOTAL PROFIT							2,284 198	
SUBTOTAL BOND							2,481 50	
TOTAL INCL INDIRECTS CONTINGENCY							2,531 127	
TOTAL INCL OWNER COSTS							2,658	

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1073: CB BLDG 107, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:51:13

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	1,977	99	208	198	50	2,531	2531.03

Thu 06 Jan 1994

U.S. Army Corps of Engineers

TIME 14:51:13

PROJECT CB1073: CB BLDG 107, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Compd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
on Ext. Doors & Windows	7.15	CLF	ARFCA	33	1,190	7	68	0	1,265
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	144.00	LF	ACARB	11	378	4	95	0	476
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	28.00	LF	ACARB	6	210	2	24	0	236
Bulb									
Contract				50	1,777	13	187	0	1,977
CB BLDG 107, ECO #3				50	1,777	13	187	0	1,977

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1073: CB BLDG 107, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:51:13

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

Building 116

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. **116**

Building Name: **YOUNG HALL**

Date Prepared: **6 JAN 94**

Estimator: **DJL**

Sheet **1** of **1**

BID ITEM WEATHERSTRIPPING/CAULKING

Description	Quantity	Unit Measurement
DIV. 01 07920 1101 POLYURETHANE CAULKING OF EXTERIOR DOORS & TRANSOMS	29.16	C.L.F.
DIV. 08 08730 1006 INSTALL MET WEATHERSTRIP w/ NEOPRENE BULB ON EXTERIOR DOOR HEAD & JAMB	1,614	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	281	L.F.

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1163: CB BLDG 116, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:54:37

TITLE PAGE 1

CB BLDG 116, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 116, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/06/94

M C A C E S G O L D E D I T I O N
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U.S. Army Corps of Engineers
PROJECT CB1163: CB BLDG 116, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:54:37

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
--	--------	-----	-------	------	------	------	--------	--------	--------	--------

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1163: CB BLDG 116, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:54:37

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1163: CB BLDG 116, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:54:37

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	16,467	0	823	0	17,290	17289.83
CB BLDG 116, ECO #3	1.00	EA	16,467	0	823	0	17,290	17289.83

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1163: CB BLDG 116, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:54:37

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	313	11,191	95	1,577	0	12,864	12863.81
CB BLDG 116, ECO #3 OVERHEAD	1.00	EA	313	11,191	95	1,577	0	12,864 643	12863.81
SUBTOTAL HOME OFC								13,507 1,351	
SUBTOTAL PROFIT								14,858 1,286	
SUBTOTAL BOND								16,144 323	
TOTAL INCL INDIRECTS CONTNGENCY								16,467 823	
TOTAL INCL OWNER COSTS								17,290	

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1163: CB BLDG 116, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:54:37

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	12,864	643	1,351	1,286	323	16,467	16466.50

Thu 06 Jan 1994

U.S. Army Corps of Engineers

TIME 14:54:37

PROJECT CB1163: CB BLDG 116, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
--------	-----	---------	--------	-------	----------	----------	-------	------------

Contract

Polyurethane Compd, 1/4"x1/4" Joint			4.65	166.39	1.03	9.54	0.00	176.96
on Ext. Doors & Windows	29.16	CLF ARFCA	136	4,852	30	278	0	5,160

Mtl Weatherstrip w/Neoprene Bulb			0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	1614.00	LF ACARB	119	4,232	44	1,061	0	5,336

Mtl Weatherstrip for Door Bottom			0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	281.00	LF ACARB	59	2,107	22	238	0	2,367
Bulb								

Contract			313	11,191	95	1,577	0	12,864
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CB BLDG 116, ECO #3			313	11,191	95	1,577	0	12,864
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Thu 06 Jan 1994

U.S. Army Corps of Engineers

TIME 14:54:37

PROJECT CB1163: CB BLDG 116, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 118

Architectural Estimate

933702

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. 118	Building Name: THEATER	
Date Prepared: 4 JAN. 94	Estimator: K. STICK	Sheet 1 of 2
BID ITEM - WALL / ROOF INSULATION		
Description	Quantity	Unit Measurement
DIV. 02 DEMO. INTERIOR ACOUSTICAL TILE / WOOD FURR'G STRIPS	2320	S.F.
DIV. 06 06111 4201 2x4 WOOD FRAMING AROUND WINDOW & DOOR OPENINGS	163	B.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R = 14.3 (WALL INSUL.)	4973	S.F.
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R = 19.0 (ROOF INSUL.)	4508	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	4973	S.F.
DIV. 09 INSTALL 2" '2' FURRING @ 24" O.C. BETWEEN 2" RIGID INSUL. BD.	25.55	C.L.F.
DIV. 09 INSTALL 1" THK. SOUND ABSORBING PANELS OVER 2" INSUL. (THEATER)	2000	S.F.

CARLISLE BARRACKS ENERGY STUDY Individual Building Material Take Off Worksheet

Building No. 118	Building Name: THEATER	
Date Prepared: 4 JAN. 94	Estimator: K. STICK	Sheet 2 of 2

BID ITEM - WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 09 09920 1221 PAINTG 1/2" DRYWALL	4973	S.F.
... TILE / WOOD FLOOR STRIPS		
DIV. 09 INSTALL 4" VINYL COVE BASE	310	L.F.
... DIV. 09 CONCRETE ...		
DIV. 16 ELEC. WORK ON OUTLETS & SWITCHES	30	EA.
...		
DIV. 2 LEAD PAINT ABATEMENT	2320	S.F.
...		
...		
...		
...		
...		
...		
...		
...		
...		
DIV. 09 INSTALL 2" ...		
...		
...		
...		
...		

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB1181: CB BLDG 118, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 14:51:44

TITLE PAGE 1

CB BLDG 118, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 118, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 05/17/94

M C A C E S G O L D E D I T I O N
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Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:51:44

PROJECT CB1181: CB BLDG 118, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
--------	-----	-------	------	------	------	--------	--------	--------	--------

01 General Contractor

OVERHEAD	S	5.00	5.00						
HOME OFC	P	10.00							
PROFIT	S	8.66	5.00						
BOND	P	2.00							

02 Electrical Contractor

OVERHEAD	P	5.00							
HOME OFC	P	10.00							
PROFIT	C	8.66		0.052	0.075	0.119	0.052	0.075	0.120 0.118
BOND	P	2.00							

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:51:44

PROJECT CB1181: CB BLDG 118, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB1181: CB BLDG 118, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:51:44

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	32,949	0	1,647	0	34,596	34596.47
CB BLDG 118, ECO #1	1.00	EA	32,949	0	1,647	0	34,596	34596.47

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB1181: CB BLDG 118, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:51:44

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	460	15,265	140	12,201	0	27,605	27604.62
CB BLDG 118, ECO #1 OVERHEAD	1.00 EA	460	15,265	140	12,201	0	27,605 954	27604.62
SUBTOTAL HOME OFC							28,559 2,003	
SUBTOTAL PROFIT							30,562 1,908	
SUBTOTAL BOND							32,470 479	
TOTAL INCL INDIRECTS CONTNGENCY							32,949 1,647	
TOTAL INCL OWNER COSTS							34,596	

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB1181: CB BLDG 118, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:51:44

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
<<< Non-Contracted Work >>>	8,526	0	0	0	0	8,526	8525.81
GC General Contractor	18,684	934	1,962	1,869	469	23,918	23918.07
EL Electrical Contractor	395	20	41	39	10	505	505.14

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:51:44

PROJECT CE1181: CB BLDG 118, ECO #1 - ESOS Carlisle Barracks
 PREFINAL SUBMISSION
 01. Contract

DETAILED ESTIMATE

DETAIL PAGE 1

QUANTY UOM CREW ID		MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract							
Demo. Interior Acoustical Tile & Wood Furring Strips	2320.00 SF ULABF	0.01 15	0.19 441	0.00 3	0.00 0	0.00 0	0.19 444
Sills & Plates, 2x4 So Yel Pine	163.00 BF ACARD	0.02 4	0.80 130	0.02 3	0.24 40	0.00 0	1.06 173
2" Polyiso., R14.3 Rigid Insul.	4973.00 SF ACARA	0.01 36	0.26 1,293	0.00 12	0.90 4,481	0.00 0	1.16 5,786
6" Unfaced Batt, R19 Fbgs Insul	4508.00 SF ACARA	0.01 38	0.30 1,340	0.00 13	0.21 956	0.00 0	0.51 2,308
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And	4973.00 SF ACARB	0.02 56 40	0.69 1,995 1,436	0.01 21 15	0.21 917 138	0.00 0	0.91 4,521
Std. 2" Z Furring, Galv.	25.55 CLF ACARA	2.09 53	74.50 1,904	0.72 18	28.09 718	0.00 0	103.31 2,640
1" Thick Sound Absorbing Panels	2000.00 SF ACARA	0.03 69	1.23 2,460	0.01 24	1.86 3,710	0.00 0	3.10 6,194
Interior Roller Work One Coat Primer-Two Coats Paint	4973.00 SF APTRA	0.01 53	0.29 1,427	0.00 16	0.19 949	0.00 0	0.48 2,392
4" Vinyl Base	310.00 LF APAPA	0.02 7	0.61 189	0.00 1	0.74 230	0.00 0	1.36 420
Electrical Work on Outlets & Switches	30.00 EA EELEB	0.28 8	11.00 330	0.04 1	2.12 64	0.00 0	13.15 395
Lead Paint Abatement	2320.00 SF ULABB	0.03 80	1.00 2,320	0.01 12	0.00 0	0.00 0	1.01 2,332
Contract		460	15,265	140	12,201	0	27,605
CB BLDG 118, ECO #1		460	15,265	140	12,201	0	27,605

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:51:44

PROJECT CB1181: CB BLDG 118, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 122

Architectural Estimate

933702

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. 122	Building Name: ROOT HALL	
Date Prepared: 0 JAN. 94	Estimator: K. STICK	Sheet 1 of 3

BID ITEM - INSUL. GL. / DBL. H. WINDOWS

Description	Quantity	Unit Measurement
DIV. 08 INSTALL 3/16" CLEAR GLASS		
STORM PANEL w/ 1/2" STL.		
CHANNEL FRAME & MET. CLIPS.		
ATTACH STORM PANEL TO INTERIOR		
SIDE OF EXIST'G NARROW STILE		
ALUM. FRAMED WINDOWS.	5964	S.F.

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1222: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:21:13

TITLE PAGE 1

CB BLDG 122, ECO #2
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 122, Windows
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/10/94

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U.S. Army Corps of Engineers
PROJECT CB1222: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:21:13

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor										
OVERHEAD		P	5.00							
HOME OFC		P	10.00							
PROFIT		C	8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND		P	2.00							

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1222: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:21:13

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1222: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:21:13

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	23,088	0	1,154	0	24,242	24242.45
CB BLDG 122, ECO #2	1.00 EA	23,088	0	1,154	0	24,242	24242.45

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1222: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:21:13

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	369	4,712	49	13,276	0	18,037	18036.63
CB BLDG 122, ECO #2 OVERHEAD	1.00	EA	369	4,712	49	13,276	0	18,037 902	18036.63
SUBTOTAL								18,938	
HOME OFC								1,894	
SUBTOTAL								20,832	
PROFIT								1,803	
SUBTOTAL								22,635	
BOND								453	
TOTAL INCL INDIRECTS								23,088	
CONTNGENCY								1,154	
TOTAL INCL OWNER COSTS								24,242	

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1222: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:21:13

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	18,037	902	1,894	1,803	453	23,088	23088.05

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1222: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 14:21:13

DETAILED ESTIMATE

DETAIL PAGE 1

QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
--------	-----	---------	--------	-------	----------	----------	-------	------------

Contract

3/16" Clear Glass Storm Panel			0.06	0.79	0.01	2.23	0.00	3.02
	5964.00 SF	AGLAB	369	4,712	49	13,276	0	18,037

Contract			369	4,712	49	13,276	0	18,037
----------	--	--	-----	-------	----	--------	---	--------

CB BLDG 122, ECO #2			369	4,712	49	13,276	0	18,037
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Mon 10 Jan 1994

U.S. Army Corps of Engineers

TIME 14:21:13

PROJECT CB1222: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 122	Building Name: ROOT HALL
Date Prepared: 6 JAN. 94	Estimator: K. STICK
Sheet 2 of 3	

BID ITEM - WEATHERSTRIPPING / CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE		
CAULK'G OF EXT. DOORS & WINDOWS	60.66	C.L.F.
DIV. 08 08730 1006 INSTALLING MET.		
WEATHERSTRIP w/ NEOPRENE		
BULB ON EXT. DOOR JAMB & HEAD	172	L.F.
DIV. 08 08730 1007 WEATHERSTRIP		
DOOR BOTTOMS	42	L.F.

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1223: CB BLDG 122, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:24:59

TITLE PAGE 1

CB BLDG 122, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 122, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/10/94

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Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1223: CB BLDG 122, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:24:59

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118	
BOND	P		2.00								

Mon 10 Jan 1994

U.S. Army Corps of Engineers

TIME 14:24:59

PROJECT CB1223: CB BLDG 122, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

CONTENTS PAGE 1

TABLE OF CONTENTS

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1223: CB BLDG 122, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:24:59

SUMMARY PAGE 1

** PROJECT OWNER SUMMARY - LEVEL 1 **

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	14,922	0	746	0	15,668	15667.82
CB BLDG 122, ECO #3	1.00	EA	14,922	0	746	0	15,668	15667.82

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1223: CB BLDG 122, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:24:59

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	304	10,859	71	727	0	11,657	11657.02
CB BLDG 122, ECO #3 OVERHEAD	1.00	EA	304	10,859	71	727	0	11,657 583	11657.02
SUBTOTAL								12,240	
HOME OFC								1,224	
SUBTOTAL								13,464	
PROFIT								1,165	
SUBTOTAL								14,629	
BOND								293	
TOTAL INCL INDIRECTS								14,922	
CONTNGENCY								746	
TOTAL INCL OWNER COSTS								15,668	

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1223: CB BLDG 122, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:24:59

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	11,657	583	1,224	1,165	293	14,922	14921.73

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1223: CB BLDG 122, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 14:24:59

DETAILED ESTIMATE

DETAIL PAGE 1

QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
--------	-----	---------	--------	-------	----------	----------	-------	------------

Contract

Polyurethane Cmpd, 1/4"x1/4" Joint on Ext. Doors & Windows	60.66	CLF ARFCA	4.65 282	166.39 10,093	1.03 63	9.54 579	0.00 0	176.96 10,735
Mtl Weatherstrip w/Neoprene Bulb For Head and Jamb	172.00	LF ACARB	0.07 13	2.62 451	0.03 5	0.66 113	0.00 0	3.31 569
Mtl Weatherstrip for Door Bottom Surface Mounted w/Vinyl Bulb Bulb	42.00	LF ACARB	0.21 9	7.50 315	0.08 3	0.85 36	0.00 0	8.42 354

Contract

			304	10,859	71	727	0	11,657
--	--	--	-----	--------	----	-----	---	--------

CB BLDG 122, ECO #3

			304	10,859	71	727	0	11,657
--	--	--	-----	--------	----	-----	---	--------

Mon 10 Jan 1994

U.S. Army Corps of Engineers

TIME 14:24:59

PROJECT CBI223: CB BLDG 122, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 122		Building Name: ROOT HALL	
Date Prepared: 6 JAN. 94	Estimator: K. STICK	Sheet 3 of 3	

BID ITEM - LOW 'E' GLASS

Description	Quantity	Unit Measurement
DIV. 08 INSTALL SOLAR FILM ON		
EXIST'G INT. SIDE OF WINDOW	6216	S.F.
GLASS & NARROW STILE ALUM.		
DOORS.		

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1224: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:29:56

TITLE PAGE 1

CB BLDG 122, ECO #2
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 122, Low "E" Glass
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/10/94

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TIME 14:29:56

PROJECT CB1224: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118	
BOND	P		2.00								

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1224: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:29:56

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1224: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:29:56

SUMMARY PAGE 1

** PROJECT OWNER SUMMARY - LEVEL 1 **

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	72,628	0	3,631	0	76,259	76258.97
CB BLDG 122, ECO #2	1.00	EA	72,628	0	3,631	0	76,259	76258.97

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1224: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:29:56

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	822	10,505	110	46,123	0	56,737	56737.44
CB BLDG 122, ECO #2 OVERHEAD	1.00 EA	822	10,505	110	46,123	0	56,737 2,837	56737.44
SUBTOTAL HOME OFC							59,574 5,957	
SUBTOTAL PROFIT							65,532 5,672	
SUBTOTAL BOND							71,204 1,424	
TOTAL INCL INDIRECTS CONTNGENCY							72,628 3,631	
TOTAL INCL OWNER COSTS							76,259	

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1224: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:29:56

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	56,737	2,837	5,957	5,672	1,424	72,628	72627.59

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB1224: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 14:29:56

DETAILED ESTIMATE

DETAIL PAGE 1

QUANTY	UOM	CREW ID	MANERS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
--------	-----	---------	--------	-------	----------	----------	-------	------------

Contract

Solar Film on Ext. Windows			0.13	1.69	0.02	7.42	0.00	9.13
6216.00 SF	AGLAB		822	10,505	110	46,123	0	56,737

Contract

			822	10,505	110	46,123	0	56,737
CB BLDG 122, ECO #2			822	10,505	110	46,123	0	56,737

Mon 10 Jan 1994

U.S. Army Corps of Engineers

TIME 14:29:56

PROJECT CB1224: CB BLDG 122, ECO #2 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 201
(Typical for 202, 203, and 204)

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 201	Building Name: MARSHALL RIDGE	
Date Prepared: 5 JAN. 94	Estimator: D.J.L.	Sheet 1 of 3
BID ITEM / WALL / ROOF INSULATION		
Description	Quantity	Unit Measurement
DIV. 02 REMOVAL & RESETTING OF EXIST'G. MILLWORK (BASE & CASINGS) FIRST FLOOR ONLY	107	L.F.
DIV. 06 0611 4201 2x4 WOOD FRAMING AROUND WINDOW OPENINGS	32	B.F.
DIV. 06 1x3 PINE JAMB EXTENSION	48	L.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 (WALL INSUL.)	526	S.F.
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R=19.0 (ROOF INSUL.)	876	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	526	S.F.
DIV. 09 INSTALL STD. 2" 'Z' FURRING @ 24" O.C. ON WALLS	2.00	C.L.F.
DIV. 09 09920 1221 PAINTING 1/2" DRYWALL	526	S.F.

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. *201*

Building Name: *MARSHALL RIDGE*

Date Prepared: *5 JAN. 94*

Estimator: *DJL*

Sheet *2* of *3*

BID ITEM WALL/ROOF INSULATION

Description	Quantity	Unit Measurement
<i>DIV. 16 ELECTRIC WORK ON OUT-</i>		
<i>LETS & SWITCHES</i>	<i>6</i>	<i>EA.</i>

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2011: CB BLDG 201, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:50:17

TITLE PAGE 1

CB BLDG 201, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 201, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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PROJECT CB2011: CB BLDG 201, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:50:17

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

		AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor											
OVERHEAD	S		5.00	5.00							
HOME OFC	P		10.00								
PROFIT	S		8.66	5.00							
BOND	P		2.00								
02 Electrical Contractor											
OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P		2.00								

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2011: CB BLDG 201, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:50:17

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2011: CB BLDG 201, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 15:50:17

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	2,909	0	145	0	3,054	3054.22
CB BLDG 201, ECO #1	1.00	EA	2,909	0	145	0	3,054	3054.22

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2011: CB BLDG 201, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:50:17

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	38	1,291	13	969	0	2,272	2272.27
CB BLDG 201, ECO #1 OVERHEAD	1.00	EA	38	1,291	13	969	0	2,272 114	2272.27
SUBTOTAL HOME OFC								2,386 239	
SUBTOTAL PROFIT.								2,624 227	
SUBTOTAL BOND								2,852 57	
TOTAL INCL INDIRECTS CONTNGENCY								2,909 145	
TOTAL INCL OWNER COSTS								3,054	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2011: CB BLDG 201, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 15:50:17

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	2,193	110	230	219	55	2,808	2807.74
EL Electrical Contractor	79	4	8	8	2	101	101.04

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Removal & Resetting of Millwork				0.03	0.95	0.01	0.00	0.00	0.96
	107.00	LF	ULABF	4	102	1	0	0	102
Sills & Plates, 2x4 So Yel Pine				0.02	0.80	0.02	0.24	0.00	1.06
	32.00	BF	ACARD	1	26	1	8	0	34
Jamb Extensions				0.03	0.79	0.01	0.42	0.00	1.22
	48.00	LF	ULABF	1	38	0	20	0	59
2" Polyiso., R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.16
	526.00	SF	ACARA	4	137	1	474	0	612
6" Unfaced Batt, R19 Fbgs Insul				0.01	0.30	0.00	0.21	0.00	0.51
	876.00	SF	ACARA	7	260	3	186	0	449
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And				0.02	0.69	0.01	0.21	0.00	0.91
	526.00	SF	ACARB	6	211	2	97	0	478
				4	152	2	15		
td. 2" Z Furring, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	2.00	CLF	ACARA	4	149	1	56	0	207
Interior Roller Work				0.01	0.29	0.00	0.19	0.00	0.48
One Coat Primer-Two Coats Paint	526.00	SF	APTRA	6	151	2	100	0	253
Electrical Work on Outlets & Switches				0.28	11.00	0.04	2.12	0.00	13.16
	6.00	EA	EELEB	2	66	0	13	0	79
Contract				38	1,291	13	969	0	2,272
CB BLDG 201, ECO #1				38	1,291	13	969	0	2,272

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2011: CB BLDG 201, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:50:17

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. <i>201</i>	Building Name: <i>MARSHALL RIDGE</i>
Date Prepared: <i>5 JAN. 94</i>	Estimator: <i>DJL</i> Sheet <i>3 of 3</i>

BID ITEM WEATHERSTRIPPING / CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULKING OF EXTERIOR DOORS # WINDOWS.	4.63	C.L.F.
DIV. 08 08730 1006 INSTALL MET. WEATHERSTRIP W/ NEOPRENE BULB ON EXTERIOR DOOR HEAD # JAMB	60	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	6	L.F.

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2013: CB BLDG 201, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:53:41

TITLE PAGE 1

CB BLDG 201, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 201, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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U.S. Army Corps of Engineers
PROJECT CB2013: CB BLDG 201, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:53:41

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2013: CB BLDG 201, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:53:41

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2013: CB BLDG 201, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 15:53:41

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	1,367	0	68	0	1,436	1435.81
CB BLDG 201, ECO #3	1.00	EA	1,367	0	68	0	1,436	1435.81

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2013: CB BLDG 201, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:53:41

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	27	973	7	89	0	1,068	1068.26
CB BLDG 201, ECO #3 OVERHEAD	1.00	EA	27	973	7	89	0	1,068 53	1068.26
SUBTOTAL HOME OFC								1,122 112	
SUBTOTAL PROFIT								1,234 107	
SUBTOTAL BOND								1,341 27	
TOTAL INCL INDIRECTS CONTNGENCY								1,367 68	
TOTAL INCL OWNER COSTS								1,436	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2013: CB BLDG 201, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 15:53:41

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	1,068	53	112	107	27	1,367	1367.44

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 15:53:41

PROJECT CB2013: CB BLDG 201, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
on Ext. Doors & Windows	4.63	CLF	ARFCA	22	770	5	44	0	819
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	60.00	LF	ACARB	4	157	2	39	0	198
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	6.00	LF	ACARB	1	45	0	5	0	51
Bulb									
Contract				27	973	7	89	0	1,068
CB BLDG 201, ECO #3				27	973	7	89	0	1,068

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2013: CB BLDG 201, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:53:41

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

Building 205
(Typical for 206, 207, 208, 209, 210, 211,
212, 213, 214, 215, 216, 217,
218, 219, and 220)

Architectural Estimate

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 205 Building Name: MARSHALL RIDGE

Date Prepared: 5 JAN 94 Estimator: DJL Sheet 1 of 3

BID ITEM WALL/ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 02 REMOVAL & RESETTING OF EXISTG. MILLWORK (BASE & CASING) FIRST FLOOR ONLY	214	L.F.
DIV. 06 0611 4201 2x4 WOOD FRAMING AROUND WINDOW OPENINGS	64	B.F.
DIV. 06 1x3 PINE JAMB EXTENSION	96	L.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 (WALL INSUL.)	1052	S.F.
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R=19.0 (ROOF INSUL.)	1752	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	1052	S.F.
DIV. 09 INSTALL STD. 2" 'Z' FURRING @ 24" O.C. ON WALLS	4.00	C.L.F.
DIV. 09 09920 1221 PAINTING 1/2" DRYWALL	1052	S.F.

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. **205**

Building Name: **MARSHALL RIDGE**

Date Prepared: **5 JAN 94**

Estimator: **DJL**

Sheet **2** of **3**

BID ITEM WALL/ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 16 ELECTRIC WORK ON OUT-LETS & SWITCHES	12	EA

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2051: CB BLDG 205, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:07:41

TITLE PAGE 1

CB BLDG 205, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 205, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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U.S. Army Corps of Engineers
PROJECT CB2051: CB BLDG 205, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:07:41

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

		AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor											
OVERHEAD	S		5.00	5.00							
HOME OFC	P		10.00								
PROFIT	S		8.66	5.00							
BOND	P		2.00								
02 Electrical Contractor											
OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P		2.00								

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2051: CB BLDG 205, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:07:41

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2051: CB BLDG 205, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 16:07:41

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	5,818	0	291	0	6,108	6108.44
CB BLDG 205, ECO #1	1.00	EA	5,818	0	291	0	6,108	6108.44

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2051: CB BLDG 205, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 16:07:41

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	77	2,582	25	1,937	0	4,545	4544.54
CB BLDG 205, ECO #1 OVERHEAD	1.00	EA	77	2,582	25	1,937	0	4,545 227	4544.54
SUBTOTAL HOME OFC								4,772 477	
SUBTOTAL PROFIT								5,249 455	
SUBTOTAL BOND								5,703 114	
TOTAL INCL INDIRECTS CONTNGENCY								5,818 291	
TOTAL INCL OWNER COSTS								6,108	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2051: CB BLDG 205, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 16:07:41

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	4,387	219	461	439	110	5,615	5615.49
EL Electrical Contractor	158	8	17	16	4	202	202.08

Wed 05 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB2051: CB BLDG 205, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

TIME 16:07:41

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Removal & Resetting of Millwork				0.03	0.95	0.01	0.00	0.00	0.96
	214.00	LF	ULABF	7	203	2	0	0	205
Sills & Plates, 2x4 So Yel Pine				0.02	0.80	0.02	0.24	0.00	1.06
	64.00	BF	ACARB	1	51	1	16	0	68
Jamb Extensions				0.03	0.79	0.01	0.42	0.00	1.22
	96.00	LF	ULABF	3	76	1	41	0	117
6" Unfaced Batt, R19 Fbgs Insul				0.01	0.30	0.00	0.21	0.00	0.51
	1752.00	SF	ACARA	15	521	5	371	0	897
2' Polyiso., R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.16
	1052.00	SF	ACARA	8	274	3	948	0	1,224
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And				0.02	0.69	0.01	0.21	0.00	0.91
	1052.00	SF	ACARB	12	422	4	194	0	956
				9	304	3	29		
td. 2" Z Furring, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	4.00	CLF	ACARA	8	298	3	112	0	413
Interior Roller Work				0.01	0.29	0.00	0.19	0.00	0.48
One Coat Primer-Two Coats Paint	1052.00	SF	APTRA	11	302	3	201	0	506
Electrical Work on Outlets & Switches				0.28	11.00	0.04	2.12	0.00	13.16
	12.00	EA	EELEB	3	132	0	25	0	158
Contract				77	2,582	25	1,937	0	4,545
CB BLDG 205, ECO #1				77	2,582	25	1,937	0	4,545

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 16:07:41

PROJECT CB2051: CB BLDG 205, ECO #1 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

**CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet**

Building No. **205** Building Name: **MARSHALL RIDGE**
 Date Prepared: **5 JAN. 94** Estimator: **DJL** Sheet **3 of 3**

BID ITEM WEATHERSTRIPPING/CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULKING OF EXTERIOR DOORS & WINDOWS	9.26	C.L.F.
DIV. 08 08730 1006 INSTALL MET WEATHERSTRIP W/ NEOPRENE BULB ON EXTERIOR DOOR HEAD & JAMB	120	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	12	L.F.

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2053: CB BLDG 205, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:11:52

TITLE PAGE 1

CB BLDG 205, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 205, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/05/94

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PROJECT CB2053: CB BLDG 205, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:11:52
SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2053: CB BLDG 205, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:11:52

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2053: CB BLDG 205, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 16:11:52

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIQH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	2,735	0	137	0	2,872	2871.62
CB BLDG 205, ECO #3	1.00	EA	2,735	0	137	0	2,872	2871.62

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2053: CB BLDG 205, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 16:11:52

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	54	1,945	14	177	0	2,137	2136.51
CB BLDG 205, ECO #3 OVERHEAD	1.00	EA	54	1,945	14	177	0	2,137 107	2136.51
SUBTOTAL HOME OFC								2,243 224	
SUBTOTAL PROFIT								2,468 214	
SUBTOTAL BOND								2,681 54	
TOTAL INCL INDIRECTS CONTNGENCY								2,735 137	
TOTAL INCL OWNER COSTS								2,872	

Wed 05 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2053: CB BLDG 205, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 16:11:52

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	2,137	107	224	214	54	2,735	2734.87

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 16:11:52

PROJECT CB2053: CB BLDG 205, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
on Ext. Doors & Windows	9.26	CLF	ARFCA	43	1,541	10	88	0	1,639
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	120.00	LF	ACARB	9	315	3	79	0	397
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	12.00	LF	ACARB	3	90	1	10	0	101
Bulb									
Contract				54	1,945	14	177	0	2,137
CB BLDG 205, ECO #3				54	1,945	14	177	0	2,137

Wed 05 Jan 1994

U.S. Army Corps of Engineers

TIME 16:11:52

PROJECT CB2053: CB BLDG 205, ECO #3 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

Building 253

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 253	Building Name: MEDICAL SUPPLY	
Date Prepared: 3 JAN. 94	Estimator: DJL	Sheet 1 of 2
BID ITEM WALL/ROOF INSULATION		
Description	Quantity	Unit Measurement
DIV. 06 0611 4201 2x4 WOOD FRAMING @ WINDOW & DOOR OPENINGS	375	B.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL BD. R=14.3 WALL INSULATION	2,237	S.F.
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R=19.0 (ROOF INSUL)	4,500	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	2,237	S.F.
DIV. 09 INSTALL STD. 2" 'Z' FURRING @ 24" O.C. ON WALLS	16.26	C.L.F.
DIV. 09 INSTALL 4" VINYL BASE	210	L.F.
DIV. 09 09920 1221 PAINTING 1/2" DRYWALL	2,237	S.F.
DIV. 16 ELECT. WORK ON OUTLETS & SWITCHES	15	EA.

CARLISLE BARRACKS ENERGY STUDY

Individual Building Material Take Off Worksheet

Building No. 253	Building Name: MEDICAL SUPPLY
Date Prepared: 3 JAN. 94	Estimator: D.N.L Sheet 2 of 2

BID ITEM

Description	Quantity	Unit Measurement
DIV. 16 WALL MOUNTED SECURITY LIGHTS	3	EA.

Mon 03 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2531: CB BLDG 253, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:23:50

TITLE PAGE 1

CB BLDG 253, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 253, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/03/94

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PROJECT CB2531: CB BLDG 253, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

CONTENTS PAGE 1

OF CONTENTS

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB2531: CB BLDG 253, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 15:23:50

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	13,825	0	691	0	14,516	14515.97
CB BLDG 253, ECO #1	1.00 EA	13,825	0	691	0	14,516	14515.97

Mon 03 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB2531: CB BLDG 253, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:23:50

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	178	6,124	63	4,613	0	10,800	10799.55
CB BLDG 253, ECO #1 OVERHEAD	1.00 EA	178	6,124	63	4,613	0	10,800	10799.55
							540	
SUBTOTAL HOME OFC							11,340	
							1,134	
SUBTOTAL PROFIT							12,473	
							1,080	
SUBTOTAL BOND							13,554	
							271	
TOTAL INCL INDIRECTS CONTNGENCY							13,825	
							691	
TOTAL INCL OWNER COSTS							14,516	

Mon 03 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2531: CB BLDG 253, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 15:23:50

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	10,390	520	1,091	1,039	261	13,301	13300.67
EL Electrical Contractor	409	20	43	41	10	524	524.07

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 15:23:50

PROJECT CB2531: CB BLDG 253, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

LED ESTIMATE

DETAIL PAGE 1

		QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST

Contract										
Sills & Plates, 2x4 So Yel Pine					0.02	0.80	0.02	0.24	0.00	1.06
	375.00	BF	ACARD		8	300	7	91	0	399
2" Polyiso., R14.3, Rigid Insul.					0.01	0.26	0.00	0.90	0.00	1.17
	2237.00	SF	ACARA		17	592	6	2,016	0	2,613
6" Unfaced Batt, R19 Fbgs Insul					0.01	0.30	0.00	0.21	0.00	0.51
	4500.00	SF	ACARA		38	1,337	13	954	0	2,304
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And					0.02	0.69	0.01	0.21	0.00	0.91
	2237.00	SF	ACARB		25	897	9	412	0	2,034
					18	646	7	62		
Std. 2' Z Furring, Galv.					2.09	74.50	0.72	28.09	0.00	103.31
	16.26	CLF	ACARA		34	1,211	12	457	0	1,680
1" Vinyl Base					0.02	0.61	0.00	0.74	0.00	1.36
	210.00	LF	APAPA		5	128	1	156	0	285
Interior Roller Work One Coat Primer-Two Coats Paint					0.01	0.29	0.00	0.19	0.00	0.48
	2237.00	SF	APTRA		24	642	7	427	0	1,076
Electrical Work on Outlets & Switches					0.28	11.00	0.04	2.12	0.00	13.16
	15.00	EA	EELEB		4	165	1	32	0	197
Electrical Work on Wall Mtd. Security Lights					1.73	68.35	0.22	2.12	0.00	70.69
	3.00	EA	EELEB		5	205	1	6	0	212

Contract					178	6,124	63	4,613	0	10,800

CB BLDG 253, ECO #1					178	6,124	63	4,613	0	10,800

LABOR ID: R01_92 EQUIP ID: R0192

Currency in DOLLARS

CREW ID: NAT92B UPB ID: NAT92A

Mon 03 Jan 1994

U.S. Army Corps of Engineers

TIME 15:23:50

PROJECT CB2531: CB BLDG 253, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 259

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 259		Building Name: WILSON HOUSE	
Date Prepared: 10 JAN. 94	Estimator: K. STICK	Sheet 1 of 3	
BID ITEM - WALL / ROOF INSULATION			
Description	Quantity	Unit Measurement	
DIV. 02 REMOVAL & RESETTING OF EXIST. MILLWORK (BASE & CASING)	786	L.F.	
DIV. 06 06111 4201 2x4 WOOD FRAMING AROUND WINDOW & DOOR OPENINGS	374	B.F.	
DIV. 06 1x3 PINE JAMB EXTENSIONS	562	L.F.	
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 (WALL INSUL.)	1699	S.F.	
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R=19.0 (ROOF INSULATION)	1340	S.F.	
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	1699	S.F.	
DIV. 09 INSTALL STD. 2" '2' FURRING @ 24" O.C. BETWEEN 2" RIGID INSUL. BD.	12.32	C.L.F.	

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No.		Building Name:	
Date Prepared:	Estimator:	Sheet 2 of 3	

BID ITEM - WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 09 09920 1221 PAINT'G 1/2" DRYWALL	1699	S.F.
DIV. 09 09920 1304 PAINT'G INT. WOOD TRIM	562	L.F.
DIV. 16 ELEC. WORK ON OUTLETS & SWITCHES	45	EA.

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2591: CB BLDG 259, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:00:07

TITLE PAGE 1

CB BLDG 259, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 259, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/10/94

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PROJECT CB2591: CB BLDG 259, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:00:07

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

		AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor											
OVERHEAD	S		5.00	5.00							
HOME OFC	P		10.00								
PROFIT	S		8.66	5.00							
BOND	P		2.00								
02 Electrical Contractor											
OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P		2.00								

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2591: CB BLDG 259, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:00:07

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2591: CB BLDG 259, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 15:00:07

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	12,056	0	603	0	12,659	12658.99
CB BLDG 259, ECO #1	1.00	EA	12,056	0	603	0	12,659	12658.99

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2591: CB BLDG 259, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:00:07

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	186	6,041	60	3,318	0	9,418	9418.01
CB BLDG 259, ECO #1 OVERHEAD	1.00	EA	186	6,041	60	3,318	0	9,418 471	9418.01
SUBTOTAL HOME OFC								9,889 989	
SUBTOTAL PROFIT								10,878 942	
SUBTOTAL BOND								11,820 236	
TOTAL INCL INDIRECTS CONTINGENCY								12,056 603	
TOTAL INCL OWNER COSTS								12,659	

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2591: CB BLDG 259, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:00:07

SUMMARY PAGE 3

** CONTRACTOR INDIRECT SUMMARY **

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	8,826	441	927	883	222	11,298	11298.39
EL Electrical Contractor	592	30	62	59	15	758	757.80

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2591: CB BLDG 259, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 15:00:07

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Removal & Resetting of Millwork				0.03	0.95	0.01	0.00	0.00	0.96
	786.00	LF	ULABF	26	747	6	0	0	752
Sills & Plates, 2x4 So Yel Pine				0.02	0.80	0.02	0.24	0.00	1.06
	374.00	BF	ACARD	8	299	7	91	0	398
Jamb Extensions				0.03	0.79	0.01	0.42	0.00	1.22
	562.00	LF	ULABF	15	444	3	238	0	686
2" Polyiso, R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.16
	1699.00	SF	ACARA	12	442	4	1,531	0	1,977
6" Unfaced Batt, R19 Fbgs Insul				0.01	0.30	0.00	0.21	0.00	0.51
	1340.00	SF	ACARA	11	398	4	284	0	686
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And				0.02	0.69	0.01	0.21	0.00	0.91
	1699.00	SF	ACARB	19	682	7	313	0	1,545
				14	491	5	47		
Std 2" Z Furring, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	12.32	CLF	ACARA	26	918	9	346	0	1,273
Interior Roller Work				0.01	0.29	0.00	0.19	0.00	0.48
One Coat Primer-Two Coats Paint	1699.00	SF	APTRA	18	487	5	324	0	817
Paint, Int Wd Trim, 1Prime, 2Paint Enamel Primer, Alkyd or Latex Pnt	562.00	LF	APTRA	24	638	7	48	0	693
Electrical Work on Outlets & Switches	45.00	EA	EELEB	13	495	2	95	0	592
Contract				186	6,041	60	3,318	0	9,418
CB BLDG 259, ECO #1				186	6,041	60	3,318	0	9,418

Mon 10 Jan 1994

U.S. Army Corps of Engineers

TIME 15:00:07

PROJECT CB2591: CB BLDG 259, ECO #1 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2593: CB BLDG 259, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:04:36

TITLE PAGE 1

CB BLDG 259, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 259, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/10/94

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U.S. Army Corps of Engineers
PROJECT CB2593: CB BLDG 259, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:04:36

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P		5.00							
HOME OFC	P		10.00							
PROFIT	C		8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P		2.00							

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2593: CB BLDG 259, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:04:36

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2593: CB BLDG 259, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 15:04:36

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	1,793	0	90	0	1,883	1882.83
CB BLDG 259, ECO #3	1.00	EA	1,793	0	90	0	1,883	1882.83

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2593: CB BLDG 259, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:04:36

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	36	1,281	9	110	0	1,401	1400.85
CB BLDG 259, ECO #3 OVERHEAD	1.00 EA	36	1,281	9	110	0	1,401 70	1400.85
SUBTOTAL HOME OFC							1,471 147	
SUBTOTAL PROFIT							1,618 140	
SUBTOTAL BOND							1,758 35	
TOTAL INCL INDIRECTS CONTNGENCY							1,793 90	
TOTAL INCL OWNER COSTS							1,883	

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2593: CB BLDG 259, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 15:04:36

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	1,401	70	147	140	35	1,793	1793.17

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB2593: CB BLDG 259, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 15:04:36

DETAILED ESTIMATE

DETAIL PAGE 1

QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
--------	-----	---------	--------	-------	----------	----------	-------	------------

Contract

Polyurethane Cmpd, 1/4"x1/4" Joint on Ext. Doors & Windows	5.62	CLF	ARFCA	4.65 26	166.39 935	1.03 6	9.54 54	0.00 0	176.96 995
Mtl Weatherstrip w/Neoprene Bulb For Head and Jamb	49.00	LF	ACARB	0.07 4	2.62 128	0.03 1	0.66 32	0.00 0	3.31 162
Mtl Weatherstrip for Door Bottom Surface Mounted w/Vinyl Bulb Bulb	29.00	LF	ACARB	0.21 6	7.50 217	0.08 2	0.85 25	0.00 0	8.42 244

Contract				36	1,281	9	110	0	1,401
----------	--	--	--	----	-------	---	-----	---	-------

CB BLDG 259, ECO #3				36	1,281	9	110	0	1,401
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Mon 10 Jan 1994

U.S. Army Corps of Engineers

TIME 15:04:36

PROJECT CB2593: CB BLDG 259, ECO #3 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 311
(Typical for 312)

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 311	Building Name: BUILDING 311	
Date Prepared: 6 JAN 94	Estimator: DJL	Sheet 1 of 2
BID ITEM WALL/ROOF INSULATION		
Description	Quantity	Unit Measurement
DIV. 02 REMOVAL & RESETTING OF EXIST'G. MILLWORK (BASE & CASINGS)	1072	L.F.
DIV. 02 REMOVAL OF HORSEHAIR PLASTER & WOOD LATH.	3868	S.F.
DIV. 07 07210 1003 INSTALL 4" KRAFT FACED FIBERGLASS INSUL R= 11.0 WALL INSULATION	3868	S.F.
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R= 19.0 (CLG. INSUL)	2060	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRY- WALL (INCLUDE 4001)	3868	S.F.
DIV. 09 09920 1281 PAINTING 1/2" DRYWALL	3868	S.F.
DIV. 16 ELECT. WORK ON OUTLETS & SWITCHES	46	EA.
DIV. 2 LEAD PAINT ABATEMENT	3868	S.F.

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3111: CB BLDG 311, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 15:50:30

TITLE PAGE 1

CB BLDG 311, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 023, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 05/17/94

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U.S. Army Corps of Engineers
PROJECT CB3111: CB BLDG 311, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 15:50:30

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
--------	-----	-------	------	------	------	--------	--------	--------	--------

01 General Contractor

OVERHEAD	S	5.00	5.00						
HOME OFC	P	10.00							
PROFIT	S	8.66	5.00						
BOND	P	2.00							

02 Electrical Contractor

OVERHEAD	P	5.00							
HOME OFC	P	10.00							
PROFIT	C	8.66	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00							

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3111: CB BLDG 311, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 15:50:30

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3111: CB BLDG 311, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 15:50:30

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	18,325	0	916	0	19,242	19241.55
CB BLDG 311, ECO #1	1.00 EA	18,325	0	916	0	19,242	19241.55

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3111: CB BLDG 311, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:50:30

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	398	12,402	97	2,666	0	15,166	15166.08
CB BLDG 311, ECO #1 OVERHEAD	1.00 EA	398	12,402	97	2,666	0	15,166 564	15166.08
SUBTOTAL HOME OFC							15,730 1,184	
SUBTOTAL PROFIT							16,914 1,128	
SUBTOTAL BOND							18,042 283	
TOTAL INCL INDIRECTS CONTNGENCY							18,325 916	
TOTAL INCL OWNER COSTS							19,242	

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3111: CB BLDG 311, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 15:50:30

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
<<< Non-Contracted Work >>>	3,888	0	0	0	0	3,888	3888.06
GC General Contractor	10,673	534	1,121	1,068	268	13,663	13662.58
EL Electrical Contractor	605	30	64	60	15	775	774.65

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 15:50:30

PROJECT CB3111: CB BLDG 311, ECO #1 - ESOS Carlisle Barracks

DETAILED ESTIMATE

PREFINAL SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Removal & Resetting of Millwork				0.03	0.95	0.01	0.00	0.00	0.96
	1072.00	LF	ULABF	35	1,018	8	0	0	1,026
Removal of Horsehair Plaster & Wood Lathe				0.01	0.38	0.00	0.00	0.00	0.38
	3868.00	SF	ULABF	51	1,470	11	0	0	1,481
4" Kraft Faced, R11 Fbgs Insul				0.01	0.30	0.00	0.14	0.00	0.44
	3868.00	SF	ACARA	32	1,149	11	533	0	1,694
6" Unfaced Batt, R19 Fbgs Insul				0.01	0.30	0.00	0.21	0.00	0.51
	2060.00	SF	ACARA	17	612	6	437	0	1,055
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And				0.02	0.69	0.01	0.22	0.00	0.92
	3868.00	SF	ACARB	44	1,552	16	749	0	3,557
				31	1,117	11	112		
Interior Roller Work				0.01	0.29	0.00	0.19	0.00	0.48
One Coat Primer-Two Coats Paint	3868.00	SF	APTRA	42	1,110	12	738	0	1,860
Electrical Work on Switches & Outlets				0.28	11.00	0.04	2.12	0.00	13.16
	46.00	EA	EELEB	13	506	2	98	0	605
Lead Paint Abatement				0.03	1.00	0.01	0.00	0.00	1.01
	3868.00	SF	ULABB	134	3,868	20	0	0	3,888
Contract				398	12,402	97	2,666	0	15,166
CB BLDG 311, ECO #1				398	12,402	97	2,666	0	15,166

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 15:50:30

PROJECT CB3111: CB BLDG 311, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 311	Building Name: BUILDING 311
Date Prepared: 6 JAN 94	Estimator: DJL
Sheet 2 of 2	

BID ITEM WEATHERSTRIPPING / CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULKING OF EXTERIOR DOORS & WINDOWS	6.40	C.L.F.
DIV. 08 08730 1006 INSTALL MET. WEATHERSTRIP W/ NEOPRENE BULB ON EXTERIOR DOOR JAMB & HEAD	136	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	28	L.F.

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3113: CB BLDG 311, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:46:17

TITLE PAGE 1

CB BLDG 311, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 311, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/06/94

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Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3113: CB BLDG 311, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:46:17

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3113: CB BLDG 311, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:46:17

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3113: CB BLDG 311, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:46:17

SUMMARY PAGE 1

** PROJECT OWNER SUMMARY - LEVEL 1 **

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	2,327	0	116	0	2,444	2443.64
CB BLDG 311, ECO #3	1.00 EA	2,327	0	116	0	2,444	2443.64

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3113: CB BLDG 311, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:46:17

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	46	1,631	12	174	0	1,818	1818.09
CB BLDG 311, ECO #3 OVERHEAD	1.00	EA	46	1,631	12	174	0	1,818 91	1818.09
SUBTOTAL HOME OFC								1,909 191	
SUBTOTAL PROFIT								2,100 182	
SUBTOTAL BOND								2,282 46	
TOTAL INCL INDIRECTS CONTNGENCY								2,327 116	
TOTAL INCL OWNER COSTS								2,444	

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3113: CB BLDG 311, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 15:46:17

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	1,818	91	191	182	46	2,327	2327.28

Thu 06 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3113: CB BLDG 311, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 15:46:17

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint on Ext. Doors & Windows	6.40	CLF	ARFCA	4.65 30	166.39 1,065	1.03 7	9.54 61	0.00 0	176.96 1,133
Mtl Weatherstrip w/Neoprene Bulb For Head and Jamb	136.00	LF	ACARB	0.07 10	2.62 357	0.03 4	0.66 89	0.00 0	3.31 450
Mtl Weatherstrip for Door Bottom Surface Mounted w/Vinyl Bulb Bulb	28.00	LF	ACARB	0.21 6	7.50 210	0.08 2	0.85 24	0.00 0	8.42 236
Contract				46	1,631	12	174	0	1,818
CB BLDG 311, ECO #3				46	1,631	12	174	0	1,818

Thu 06 Jan 1994

U.S. Army Corps of Engineers

TIME 15:46:17

PROJECT CB3113: CB BLDG 311, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR PAGE 1

ERROR REPORT

No errors detected...

* * * END OF ERROR REPORT * * *

Building 313

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 313	Building Name: OFFICERS CLUB
Date Prepared: 11 JAN 94	Estimator: DJL Sheet 1 of 3

BID ITEM WALL/ ROOF INSULATION

Description	Quantity	Unit Measurement
DIV.02 REMOVAL & RESETTING OF EXIST'G. MILLWORK (BASE & CASINGS)	815	L.F.
DIV.06 0611 4201 2x4 WOOD FRAMING AROUND WINDOW & DOOR OPENINGS	355	B.F.
DIV.06 1x3 PINE JAMB EXTENSION	533	L.F.
DIV.07 INSTALL 2" RIGID POLYISO. INSUL. BD. R= 14.3 (WALL INSUL.)	2636	S.F.
DIV.07 07210 1003 INSTALL 4" KRAFT FACED FIBERGLASS INSUL. R=11.0 (WALL INSULATION)	2584	S.F.
DIV.09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	2636	S.F.
DIV.09 INSTALL STD. 2" 'Z' FURRING @ 24" O.C. ON WALLS	17.28	C.L.F.
DIV.09 09220 1221 PAINTING 1/2" DRYWALL	2636	S.F.

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3131: CB BLDG 313, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:23:35

TITLE PAGE 1

CB BLDG 313, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 313, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/13/94

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U.S. Army Corps of Engineers

TIME 14:23:35

PROJECT CB3131: CB BLDG 313, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

CONTENTS PAGE 1

TABLE OF CONTENTS

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3
DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Thu 13 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB3131: CB BLDG 313, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:23:35

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIQH	TOTAL COST UNIT COST

01 Contract	1.00	EA	15,069	0	753	0	15,822 15822.22
CB BLDG 313, ECO #1	1.00	EA	15,069	0	753	0	15,822 15822.22

Thu 13 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB3131: CB BLDG 313, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 ** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:23:35

SUMMARY PAGE 2

		QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01	Contract	1.00 EA	212	7,059	70	4,642	0	11,771	11771.36
	CB BLDG 313, ECO #1 OVERHEAD	1.00 EA	212	7,059	70	4,642	0	11,771 589	11771.36
	SUBTOTAL HOME OFC							12,360 1,236	
	SUBTOTAL PROFIT							13,596 1,177	
	SUBTOTAL BOND							14,773 295	
	TOTAL INCL INDIRECTS CONTNGENCY							15,069 753	
	TOTAL INCL OWNER COSTS							15,822	

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 14:23:35

PROJECT CB3131: CB BLDG 313, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

SUMMARY PAGE 3

** CONTRACTOR INDIRECT SUMMARY **

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	11,456	573	1,203	1,146	288	14,665	14664.62
EL Electrical Contractor	316	16	33	32	8	404	404.16

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 14:23:35

PROJECT CB3131: CB BLDG 313, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Removal & Resetting of Millwork				0.03	0.95	0.01	0.00	0.00	0.96
	815.00	LF	ULABF	27	774	6	0	0	780
Sills & Plates, 2x4 So Yel Pine				0.02	0.80	0.02	0.24	0.00	1.06
	355.00	BF	ACARD	8	284	7	87	0	378
Jamb Extensions				0.03	0.79	0.01	0.42	0.00	1.22
	533.00	LF	ULABF	15	421	3	226	0	650
2" Polyiso., R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.16
	2636.00	SF	ACARA	19	685	7	2,375	0	3,067
4" Kraft Faced, R11 Fbgs Insul				0.01	0.30	0.00	0.14	0.00	0.44
	2584.00	SF	ACARA	22	768	7	356	0	1,131
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm)				0.02	0.69	0.01	0.21	0.00	0.91
For Taping, Spackling, And	2636.00	SF	ACARB	30	1,057	11	486	0	2,396
				21	761	8	73		
Std. 2" Z Furring, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	17.28	CLF	ACARA	36	1,287	12	485	0	1,785
Interior Roller Work				0.01	0.29	0.00	0.19	0.00	0.48
One Coat Primer-Two Coats Paint	2636.00	SF	APTRA	28	756	9	503	0	1,268
Electrical Work on Outlets & Switches				0.28	11.00	0.04	2.12	0.00	13.16
	24.00	EA	EELEB	7	264	1	51	0	316
Contract				212	7,059	70	4,642	0	11,771
CB BLDG 313, ECO #1				212	7,059	70	4,642	0	11,771

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 14:23:35

PROJECT CB3131: CB BLDG 313, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR PAGE 1

ERROR REPORT

No errors detected...

*** END OF ERROR REPORT ***

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. **313**

Building Name: **OFFICERS CLUB**

Date Prepared: **11 JAN 94**

Estimator: **DJL**

Sheet **3** of **3**

BID ITEM WEATHERSTRIPPING/CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULKING OF EXTERIOR		
DOORS & WINDOWS	10.25	C.L.F.
DIV. 08 08730 1006 INSTALL MET. WEATHERSTRIP W/ NEOPRENE		
BULB ON EXTERIOR DOOR JAMB & HEAD.	109	L.F.
DIV. 08 08730 1007 WEATHERSTRIP		
DOOR BOTTOMS	25	L.F.

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3133: CB BLDG 313, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:28:28

TITLE PAGE 1

CB BLDG 313, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 313, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/13/94

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Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3133: CB BLDG 313, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:28:28

SETTINGS PAGE 1

*** CONTRACTOR SETTINGS ***

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor										
OVERHEAD		P	5.00							
HOME OFC		P	10.00							
PROFIT		C	8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND		P	2.00							

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3133: CB BLDG 313, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:28:28

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3133: CB BLDG 313, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:28:28

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	3,053	0	153	0	3,205	3205.41
CB BLDG 313, ECO #3	1.00	EA	3,053	0	153	0	3,205	3205.41

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 14:28:28

PROJECT CB3133: CB BLDG 313, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
on Ext. Doors & Windows	10.25	CLF	ARFCA	48	1,705	11	98	0	1,814
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	109.00	LF	ACARB	8	286	3	72	0	360
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	25.00	LF	ACARB	5	187	2	21	0	211
Bulb									
Contract				61	2,179	15	191	0	2,385
CB BLDG 313, ECO #3				61	2,179	15	191	0	2,385

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3133: CB BLDG 313, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:28:28

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	61	2,179	15	191	0	2,385	2384.86
CB BLDG 313, ECO #3 OVERHEAD	1.00	EA	61	2,179	15	191	0	2,385	2384.86
								119	
SUBTOTAL HOME OFC								2,504	250
SUBTOTAL PROFIT								2,755	238
SUBTOTAL BOND								2,993	60
TOTAL INCL INDIRECTS CONTINGENCY								3,053	153
TOTAL INCL OWNER COSTS								3,205	

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3133: CB BLDG 313, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:28:28

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	2,385	119	250	238	60	3,053	3052.77

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3133: CB BLDG 313, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:28:28

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 318

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY

Individual Building Material Take Off Worksheet

Building No. 318	Building Name: QUARTERS 318	
Date Prepared: 11 JAN. 94	Estimator: K. STICK	Sheet 1 of 2

BID ITEM - WALL/ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 07 BLOWN-IN CELLULOSE INSUL. IN 6" STUD WALLS (R=22.0) DRILLING & PATCHING OF PLASTER & LEAD PAINT ABATEMENT INCLUDED	221	C.F.
DIV. 07 BLOWN-IN CELLULOSE INSUL. 4" ± IN ATTIC SPACE R=11.0	1364	S.F.
DIV. 07 BLOWN-IN CELLULOSE INSUL. 8" ± IN 3 RD FL. CEIL. SPACE R=19.0	1646	S.F.

* NOTE : QUANTITIES INCLUDE BOTH SIDES OF DBL. HOUSE.

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3181: CB BLDG 318, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 14:53:51

TITLE PAGE 1

CB BLDG 318, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 318, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 05/17/94

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Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3181: CB BLDG 318, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 14:53:51

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

		AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor											
OVERHEAD	S		5.00	5.00							
HOME OFC	P		10.00								
PROFIT	S		8.66	5.00							
BOND	P		2.00								
02 Electrical Contractor											
OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P		2.00								

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3181: CB BLDG 318, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 14:53:51

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3181: CB BLDG 318, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:53:51

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	9,239	0	462	0	9,701	9700.94
CB BLDG 318, ECO #1	1.00 EA	9,239	0	462	0	9,701	9700.94

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3181: CB BLDG 318, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:53:51

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	137	4,237	655	2,325	0	7,217	7217.26
CB BLDG 318, ECO #1 OVERHEAD	1.00 EA	137	4,237	655	2,325	0	7,217 361	7217.26
SUBTOTAL HOME OFC							7,578 758	
SUBTOTAL PROFIT							8,336 722	
SUBTOTAL BOND							9,058 181	
TOTAL INCL INDIRECTS CONTNGENCY							9,239 462	
TOTAL INCL OWNER COSTS							9,701	

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3181: CB BLDG 318, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:53:51

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	7,217	361	758	722	181	9,239	9238.99

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:53:51

PROJECT CB3181: CB BLDG 318, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
01. Contract

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST

Contract									
Blown-in Cell. Insul. R22				0.08	2.38	0.37	0.56	0.00	3.31
	221.00	CF	AASBD	17	526	81	124	0	731
Blown-in Cell. Insul. R11				0.05	1.66	0.26	1.17	0.00	3.09
	1364.00	SF	AASBD	73	2,267	351	1,590	0	4,208
Blown-in Cell. Insul. R19				0.03	0.88	0.14	0.37	0.00	1.38
	1646.00	SF	AASBD	47	1,444	223	611	0	2,277

Contract				137	4,237	655	2,325	0	7,217

CB BLDG 318, ECO #1				137	4,237	655	2,325	0	7,217

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3181: CB BLDG 318, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 14:53:51

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 318	Building Name: QUARTERS 318	
Date Prepared: 11 JAN. 94	Estimator: K. STICK	Sheet 2 of 2

BID ITEM - WEATHERSTRIPPING/CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE		
CAULK'G OF EXT. DOORS & WINDOWS	7.54	C.L.F.
DIV. 08 08730 1006 INSTALLING MET.		
WEATHERSTRIP W/ NEOPRENE		
BULB ON EXT. DOOR JAMB & HEAD	144	L.F.
DIV. 08 08730 1007 WEATHERSTRIP		
DOOR BOTTOMS	24	L.F.

*** NOTE : QUANTITIES INCLUDE BOTH SIDES OF DBL. HOUSE.**

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3183: CB BLDG 318, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:27

TITLE PAGE 1

CB BLDG 318, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 318, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/13/94

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U.S. Army Corps of Engineers
PROJECT CB3183: CB BLDG 318, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:27

SETTINGS PAGE 1

**- CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor										
OVERHEAD		P	5.00							
HOME OFC		P	10.00							
PROFIT		C	8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND		P	2.00							

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3183: CB BLDG 318, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:27

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3183: CB BLDG 318, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:48:27

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIQH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	2,576	0	129	0	2,705	2705.05
CB BLDG 318, ECO #3	1.00	EA	2,576	0	129	0	2,705	2705.05

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3183: CB BLDG 318, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:48:27

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	51	1,812	14	187	0	2,013	2012.58
CB BLDG 318, ECO #3 OVERHEAD	1.00	EA	51	1,812	14	187	0	2,013 101	2012.58
SUBTOTAL HOME OFC								2,113 211	
SUBTOTAL PROFIT								2,325 201	
SUBTOTAL BOND								2,526 51	
TOTAL INCL INDIRECTS CONTNGENCY								2,576 129	
TOTAL INCL OWNER COSTS								2,705	

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3183: CB BLDG 318, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:48:27

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	2,013	101	211	201	51	2,576	2576.24

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 14:48:27

PROJECT CB3183: CB BLDG 318, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
--------	-----	---------	--------	-------	----------	----------	-------	------------

Contract

Polyurethane Cmpd, 1/4"x1/4" Joint			4.65	166.39	1.03	9.54	0.00	176.96
on Ext. Doors & Windows	7.54	CLF ARFCA	35	1,255	8	72	0	1,334
Mtl Weatherstrip w/Neoprene Bulb			0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	144.00	LF ACARB	11	378	4	95	0	476
Mtl Weatherstrip for Door Bottom			0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	24.00	LF ACARB	5	180	2	20	0	202
Bulb								

Contract			51	1,812	14	187	0	2,013
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CB BLDG 318, ECO #3			51	1,812	14	187	0	2,013
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Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3183: CB BLDG 318, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:48:27

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

Building 321

Architectural Estimate

933702

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3211: CB BLDG 321, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 14:56:17

TITLE PAGE 1

CB BLDG 321, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 321, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 05/17/94

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U.S. Army Corps of Engineers
PROJECT CB3211: CB BLDG 321, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 14:56:17

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

		AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor											
OVERHEAD	S		5.00	5.00							
HOME OFC	P		10.00								
PROFIT	S		8.66	5.00							
BOND	P		2.00								
02 Electrical Contractor											
OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P		2.00								

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3211: CB BLDG 321, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

TIME 14:56:17

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3211: CB BLDG 321, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:56:17

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIQH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	3,174	0	159	0	3,333	3332.78
CB BLDG 321, ECO #1	1.00 EA	3,174	0	159	0	3,333	3332.78

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3211: CB BLDG 321, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:56:17

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	57	1,773	274	432	0	2,480	2479.51
CB BLDG 321, ECO #1 OVERHEAD	1.00 EA	57	1,773	274	432	0	2,480 124	2479.51
SUBTOTAL HOME OFC							2,603 260	
SUBTOTAL PROFIT							2,864 248	
SUBTOTAL BOND							3,112 62	
TOTAL INCL INDIRECTS CONTNGENCY							3,174 159	
TOTAL INCL OWNER COSTS							3,333	

Tue 17 May 1994

U.S. Army Corps of Engineers
PROJECT CB3211: CB BLDG 321, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:56:17

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	2,480	124	260	248	62	3,174	3174.08

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:56:17

PROJECT CB3211: CB BLDG 321, ECO #1 - ESOS Carlisle Barracks

DETAILED ESTIMATE

PREFINAL SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Blown-in Cell. Insul. R22				0.08	2.38	0.37	0.56	0.00	3.31
	714.00	CF	AASBD	55	1,699	263	401	0	2,363
Blown-in Cell. Insul. R19				0.03	0.88	0.14	0.37	0.00	1.38
	84.00	SF	AASBD	2	74	11	31	0	116
				57	1,773	274	432	0	2,480
Contract									
				57	1,773	274	432	0	2,480
CB BLDG 321, ECO #1									

Tue 17 May 1994

U.S. Army Corps of Engineers

TIME 14:56:17

PROJECT CB3211: CB BLDG 321, ECO #1 - ESOS Carlisle Barracks
PREFINAL SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. **321** Building Name: **QUARTERS 321**
 Date Prepared: **11 JAN. 94** Estimator: **K. STICK** Sheet **2 of 2**

BID ITEM - WEATHERSTRIPPING / CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULK'G OF EXT. DOORS & WINDOWS	4.35	C.L.F.
DIV. 08 08730 1006 INSTALLING MET. WEATHERSTRIP w/ NEOPRENE BULB ON EXT. DOOR JAMB & HEAD	37	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	6	L.F.

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3213: CB BLDG 321, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:57:31

TITLE PAGE 1

CB BLDG 321, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 321, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/13/94

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Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3213: CB BLDG 321, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:57:31

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3213: CB BLDG 321, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 14:57:31

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3213: CB BLDG 321, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 14:57:31

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	1,207	0	60	0	1,267	1267.00
CB BLDG 321, ECO #3	1.00	EA	1,207	0	60	0	1,267	1267.00

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3213: CB BLDG 321, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 14:57:31

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	24	866	6	71	0	943	942.66
CB BLDG 321, ECO #3 OVERHEAD	1.00 EA	24	866	6	71	0	943	942.66
							47	
SUBTOTAL HOME OFC							990	99
SUBTOTAL PROFIT							1,089	94
SUBTOTAL BOND							1,183	24
TOTAL INCL INDIRECTS CONTNGENCY							1,207	60
TOTAL INCL OWNER COSTS							1,267	

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB3213: CB BLDG 321, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 14:57:31

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	943	47	99	94	24	1,207	1206.67

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 14:57:31

PROJECT CB3213: CB BLDG 321, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint on Ext. Doors & Windows	4.35	CLF	ARFCA	4.65	166.39	1.03	9.54	0.00	176.96
				20	724	4	41	0	770
Mtl Weatherstrip w/Neoprene Bulb For Head and Jamb	37.00	LF	ACARB	0.07	2.62	0.03	0.66	0.00	3.31
				3	97	1	24	0	122
Mtl Weatherstrip for Door Bottom Surface Mounted w/Vinyl Bulb	6.00	LF	ACARB	0.21	7.50	0.08	0.85	0.00	8.42
				1	45	0	5	0	51
Contract				24	866	6	71	0	943
CB BLDG 321, ECO #3				24	866	6	71	0	943

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 14:57:31

PROJECT CB3213: CB BLDG 321, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR PAGE 1

ERROR REPORT

No errors detected...

* * * END OF ERROR REPORT * * *

Building 330

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 330 Building Name: DPW
Date Prepared: 29 DEC. 93 Estimator: K. STICK Sheet 1 of 1

BID ITEM - WEATHERSTRIPPING & CAULKING

Description	Quantity	Unit Measurement
DIV. 07 07920 1101 POLYURETHANE CAULK'G OF EXT. DOORS & WINDOWS	6.33	C.L.F.
DIV 08 08730 1006 INSTALLING MET. WEATHERSTRIP W/ NEOPRENE BULB ON EXT. DOOR JAMB & HEAD	34	L.F.
DIV. 08 08730 1007 WEATHERSTRIP DOOR BOTTOMS	6	L.F.

Wed 29 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB3303: CB BLDG 330, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:07:54

TITLE PAGE 1

CB BLDG 330, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 330, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 12/29/93

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U.S. Army Corps of Engineers
PROJECT CB3303: CB BLDG 330, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:07:54

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Wed 29 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB3303: CB BLDG 330, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 13:07:54

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Wed 29 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB3303: CB BLDG 330, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 13:07:54

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	1,642	0	82	0	1,725	1724.61
CB BLDG 330, ECO #3	1.00	EA	1,642	0	82	0	1,725	1724.61

Wed 29 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB3303: CB BLDG 330, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 13:07:54

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	33	1,187	8	88	0	1,283	1283.13
CB BLDG 330, ECO #3 OVERHEAD	1.00 EA	33	1,187	8	88	0	1,283 64	1283.13
SUBTOTAL HOME OFC							1,347 135	
SUBTOTAL PROFIT							1,482 128	
SUBTOTAL BOND							1,610 32	
TOTAL INCL INDIRECTS CONTNGENCY							1,642 82	
TOTAL INCL OWNER COSTS							1,725	

Wed 29 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB3303: CB BLDG 330, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 13:07:54

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	1,283	64	135	128	32	1,642	1642.49

Wed 29 Dec 1993

U.S. Army Corps of Engineers
PROJECT CB3303: CB BLDG 330, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 13:07:54

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
Caulking on Ext. Doors & Windows	6.33	CLF	ARFCA	29	1,053	7	60	0	1,120
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb on Exterior Doors	34.00	LF	ACARB	3	89	1	22	0	112
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	6.00	LF	ACARB	1	45	0	5	0	51
				33	1,187	8	88	0	1,283
Contract				33	1,187	8	88	0	1,283
CB BLDG 330, ECO #3				33	1,187	8	88	0	1,283

Wed 29 Dec 1993

U.S. Army Corps of Engineers

TIME 13:07:54

PROJECT CB3303: CB BLDG 330, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR PAGE 1

ERROR REPORT

No errors detected...

* * * END OF ERROR REPORT * * *

Building 400

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 400	Building Name: FIRE HALL
Date Prepared: 11 JAN. 94	Estimator: K. STICK Sheet 1 of 3

BID ITEM - WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 02 REMOVAL & RESETTNG OF EXIST. MILLWORK (BASE & CASING)	1613	L.F.
DIV. 06 06111 4201 2x4 WOOD FRAMING AROUND WINDOW & DOOR OPENINGS	691	B.F.
DIV. 06 1x3 PINE JAMB EXTENSIONS	1037	L.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R = 14.3 (WALL INSUL.)	5905	S.F.
DIV. 07 07210 1004 INSTALL 6" KRAFT FACED FIBERGLASS INSUL. R = 19.0 (BETWEEN ROOF RAFTERS)	4922	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	5905	S.F.
DIV. 09 INSTALL STD. 2" 'Z' FURRING @ 24" O.C. BETWEEN 2" RIGID INSUL. BD.	38.06	C.L.F.

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 400	Building Name: FIRE HALL	
Date Prepared: 11 JAN. 94	Estimator: K. STICK	Sheet 2 of 3

BID ITEM - WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 09 09920 1221 PAINTING 1/2" DRYWALL	5905	S.F.
DIV. 16 ELEC. WORK ON OUTLETS & SWITCHES	60	EA.
DIV. 16 ELEC. WORK ON 200 AMP DISCONNECT SWITCH	1	EA.

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4001: CB BLDG 400, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:08:22

TITLE PAGE 1

CB BLDG 400, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 400, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/13/94

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U.S. Army Corps of Engineers
PROJECT CB4001: CB BLDG 400, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:08:22

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	S	5.00	5.00							
HOME OFC	P	10.00								
PROFIT	S	8.66	5.00							
BOND	P	2.00								

02 Electrical Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4001: CB BLDG 400, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:08:22

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4001: CB BLDG 400, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 15:08:22

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	33,485	0	1,674	0	35,159	35159.00
CB BLDG 400, ECO #1	1.00	EA	33,485	0	1,674	0	35,159	35159.00

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4001: CB BLDG 400, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:08:22

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	461	15,407	152	10,599	0	26,157	26157.49
CB BLDG 400, ECO #1 OVERHEAD	1.00 EA	461	15,407	152	10,599	0	26,157 1,308	26157.49
SUBTOTAL HOME OFC							27,465 2,747	
SUBTOTAL PROFIT							30,212 2,616	
SUBTOTAL BOND							32,828 657	
TOTAL INCL INDIRECTS CONTNGENCY							33,485 1,674	
TOTAL INCL OWNER COSTS							35,159	

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4001: CB BLDG 400, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 15:08:22

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	25,154	1,258	2,641	2,516	631	32,201	32200.81
EL Electrical Contractor	1,003	50	105	100	25	1,284	1283.95

Thu 13 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB4001: CB BLDG 400, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

TIME 15:08:22

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Removal & Resetting of Millwork				0.03	0.95	0.01	0.00	0.00	0.96
	1613.00	LF	ULABF	53	1,532	11	0	0	1,544
Sills & Plates, 2x4 So Yel Pine				0.02	0.80	0.02	0.24	0.00	1.06
	691.00	BF	ACARD	16	553	14	168	0	735
Jamb Extensions				0.03	0.79	0.01	0.42	0.00	1.22
	1037.00	LF	ULABF	28	819	6	440	0	1,265
2" Polyiso., R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.17
	5905.00	SF	ACARA	44	1,562	15	5,320	0	6,898
6-1/4" Kraft Faced R19 Fbgs Insl				0.01	0.30	0.00	0.22	0.00	0.52
	4922.00	SF	ACARA	41	1,463	14	1,096	0	2,572
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And				0.02	0.69	0.01	0.21	0.00	0.91
	5905.00	SF	ACARB	66	2,369	24	1,089	0	5,368
				48	1,706	18	163		
rd. 2" Z Furring, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	39.06	CLF	ACARA	30	2,836	27	1,069	0	3,932
Interior Roller Work				0.01	0.29	0.00	0.19	0.00	0.48
One Coat Primer-Two Coats Paint	5905.00	SF	APTRA	63	1,694	19	1,127	0	2,840
Electrical Work on Outlets & Switches				0.28	11.00	0.04	2.12	0.00	13.16
	60.00	EA	EELEB	17	660	2	127	0	789
Electrical Work on 200 A Disc. Switch				5.38	213.02	0.69	0.00	0.00	213.71
	1.00	EA	EELEB	5	213	1	0	0	214
Contract				461	15,407	152	10,599	0	26,157
CB BLDG 400, ECO #1				461	15,407	152	10,599	0	26,157

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 15:08:22

PROJECT CB4001: CB BLDG 400, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4003: CB BLDG 400, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:11:35

TITLE PAGE 1

CB BLDG 400, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 400, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/13/94

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U.S. Army Corps of Engineers
PROJECT CB4003: CB BLDG 400, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:11:35

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118	
BOND	P		2.00								

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4003: CB BLDG 400, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 15:11:35

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4003: CB BLDG 400, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 15:11:35

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	3,374	0	169	0	3,543	3542.71
CB BLDG 400, ECO #3	1.00	EA	3,374	0	169	0	3,543	3542.71

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4003: CB BLDG 400, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 15:11:35

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	67	2,389	18	229	0	2,636	2635.81
CB BLDG 400, ECO #3 OVERHEAD	1.00 EA	67	2,389	18	229	0	2,636 132	2635.81
SUBTOTAL HOME OFC							2,768 277	
SUBTOTAL PROFIT							3,044 263	
SUBTOTAL BOND							3,308 66	
TOTAL INCL INDIRECTS CONTNGENCY							3,374 169	
TOTAL INCL OWNER COSTS							3,543	

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4003: CB BLDG 400, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 15:11:35

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	2,636	132	277	263	66	3,374	3374.01

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 15:11:35

PROJECT CB4003: CB BLDG 400, ECO #3 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
on Ext. Doors & Windows	10.37	CLF	ARFCA	48	1,725	11	99	0	1,835
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	153.00	LF	ACARB	11	401	4	101	0	506
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	35.00	LF	ACARB	7	262	3	30	0	295
Bulb									
Contract				67	2,389	18	229	0	2,636
CB BLDG 400, ECO #3				67	2,389	18	229	0	2,636

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 15:11:35

PROJECT CB4003: CB BLDG 400, ECO #3 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 420

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. **420** Building Name: **HEADQUARTERS COMPANY**
 Date Prepared: **7 JAN 94** Estimator: **DJL** Sheet **1** of **3**

BID ITEM WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV.06 0611 4201 2x4 WOOD FRAMING @ WINDOW & DOOR OPENINGS	1,559	B.F.
DIV.07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 WALL INSULATION	11,986	S.F.
DIV.07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R=19.0 (ROOF INSUL.)	6,680	S.F.
DIV.09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	11,986	S.F.
DIV.09 INSTALL STD 2" 'Z' FURRING @ 24" O.C. ON EXTERIOR WALLS.	53.16	C.L.F.
DIV.09 INSTALL 4" VINYL BASE	443	L.F.
DIV.09 09920 1221 PAINTING 1/2" DRYWALL	11,986	S.F.
DIV.16 ELECT. WORK ON OUTLETS & SWITCHES	82	EA.

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4201: CB BLDG 420, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:13:37

TITLE PAGE 1

CB BLDG 420, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 420, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/10/94

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Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4201: CB BLDG 420, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:13:37

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
--	--------	-----	-------	------	------	------	--------	--------	--------	--------

01 General Contractor

OVERHEAD	S	5.00	5.00							
HOME OFC	P	10.00								
PROFIT	S	8.66	5.00							
BOND	P	2.00								

02 Electrical Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4201: CB BLDG 420, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:13:37

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4201: CB BLDG 420, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 16:13:37

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	55,186	0	2,759	0	57,946	57945.59
CB BLDG 420, ECO #1	1.00	EA	55,186	0	2,759	0	57,946	57945.59

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4201: CB BLDG 420, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 16:13:37

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	688	23,410	247	19,453	0	43,110	43110.18
CB BLDG 420, ECO #1 OVERHEAD	1.00	EA	688	23,410	247	19,453	0	43,110 2,156	43110.18
SUBTOTAL HOME OFC								45,266 4,527	
SUBTOTAL PROFIT								49,792 4,312	
SUBTOTAL BOND								54,104 1,082	
TOTAL INCL INDIRECTS CONTNGENCY								55,186 2,759	
TOTAL INCL OWNER COSTS								57,946	

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4201: CB BLDG 420, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:13:37

SUMMARY PAGE 3

** CONTRACTOR INDIRECT SUMMARY **

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	41,778	2,089	4,387	4,179	1,049	53,481	53480.74
EL Electrical Contractor	1,332	67	140	133	33	1,706	1705.53

Mon 10 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB4201: CB BLDG 420, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

TIME 16:13:37

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Sills & Plates, 2x4 So Yel Pine				0.02	0.80	0.02	0.24	0.00	1.06
	1559.00	BF	ACARD	35	1,248	31	380	0	1,658
2" Polyiso., R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.16
	11986	SF	ACARA	87	3,116	30	10,799	0	13,946
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And				0.02	0.69	0.01	0.21	0.00	0.91
	11986	SF	ACARB	135	4,808	49	2,210	0	10,897
				97	3,462	36	331		
6" Unfaced Batt, R19 Fbgs Insul				0.01	0.30	0.00	0.21	0.00	0.51
	6680.00	SF	ACARA	56	1,985	19	1,416	0	3,420
Std. 2" Z Furring, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	53.16	CLF	ACARA	111	3,961	38	1,493	0	5,492
4" Vinyl Base				0.02	0.61	0.00	0.74	0.00	1.36
	443.00	LF	APAPA	10	270	1	329	0	600
Interior Roller Work One Coat Primer-Two Coats Paint				0.01	0.29	0.00	0.19	0.00	0.48
	11986	SF	APTRA	129	3,439	39	2,287	0	5,764
Electrical Work on Outlets & Switches				0.28	11.00	0.04	2.12	0.00	13.16
	82.00	EA	EELEB	23	902	3	174	0	1,079
Electrical Work on Fire Alarm Pull Stations				0.82	32.50	0.11	2.12	0.00	34.73
	1.00	EA	EELEB	1	33	0	2	0	35
Electrical Work on Fire Alarm Bells				0.82	32.50	0.11	2.12	0.00	34.73
	1.00	EA	EELEB	1	33	0	2	0	35
Electrical Work on TV Outlets				0.28	11.00	0.04	2.12	0.00	13.16
	14.00	EA	EELEB	4	154	0	30	0	184
Contract				688	23,410	247	19,453	0	43,110
CB BLDG 420, ECO #1				688	23,410	247	19,453	0	43,110

Mon 10 Jan 1994

U.S. Army Corps of Engineers

TIME 16:13:37

PROJECT CB4201: CB BLDG 420, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. **420** Building Name: **HEADQUARTERS COMPANY**
 Date Prepared: **JAN 94** Estimator: **DJL** Sheet **3** of **3**

BID ITEM VESTIBULES

Description	Quantity	Unit Measurement
8'X10' FRONT ENTRANCE VESTIBULE	80	S.F.
DIV.8 08120 2002 (2) 3'X7' ALUM. DOOR UNIT (REAR ENTRANCE VESTIBULE)	2	EA
DIV.8 08813 1201 1/4" THICK TEMPERED SAFETY GLASS	42	S.F.

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB420E: CB BLDG 420, ECO #E - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:24:14

TITLE PAGE 1

CB BLDG 420, ECO #E
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 420, Vestibule
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/10/94

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U.S. Army Corps of Engineers
PROJECT CB420E: CB BLDG 420, ECO #E - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:24:14

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB420E: CB BLDG 420, ECO #E - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:24:14

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB420E: CB BLDG 420, ECO #E - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 16:24:14

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	10,132	0	507	0	10,639	10638.87
CB BLDG 420, ECO #E	1.00 EA	10,132	0	507	0	10,639	10638.87

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB420E: CB BLDG 420, ECO #E - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 16:24:14

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	145	5,504	54	2,357	0	7,915	7915.43
CB BLDG 420, ECO #E OVERHEAD	1.00	EA	145	5,504	54	2,357	0	7,915 396	7915.43
SUBTOTAL HOME OFC								8,311 831	
SUBTOTAL PROFIT								9,142 791	
SUBTOTAL BOND								9,934 199	
TOTAL INCL INDIRECTS CONTINGENCY								10,132 507	
TOTAL INCL OWNER COSTS								10,639	

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB420E: CB BLDG 420, ECO #E - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 16:24:14

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	7,915	396	831	791	199	10,132	10132.26

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB420E: CB BLDG 420, ECO #E - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 16:24:14

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
3'x7'Wide Style Al Door Unit				8.00	312.24	3.07	453.68	0.00	768.99
Commercial (Rear Ent. Vest.)	2.00	EA	SIWSB	16	624	6	907	0	1,538
1/4" Thk Clear Float Glass				0.15	1.89	0.02	4.24	0.00	6.15
(Rear Ent. Vest.)	42.00	SF	AGLAB	6	80	1	178	0	258
8'x10' Front Entrance Vestibule				1.54	60.00	0.59	15.90	0.00	76.49
	80.00	SF	SIWSB	123	4,800	47	1,272	0	6,119
				145	5,504	54	2,357	0	7,915
Contract				145	5,504	54	2,357	0	7,915
CB BLDG 420, ECO #E				145	5,504	54	2,357	0	7,915

Mon 10 Jan 1994

U.S. Army Corps of Engineers

TIME 16:24:14

PROJECT CB420E: CB BLDG 420, ECO #E - ESOS Carlisle Barracks
INTERIM SUBMISSION

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 452

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 452

Building Name: CHAPEL

Date Prepared: 5 JAN. 94

Estimator: K. STICK

Sheet 1 of 3

BID ITEM - WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 02 REMOVAL & RESETTING OF EXIST'G. MILLWORK (CASING & COVE MOULD'G)	3987	L.F.
DIV. 06 06111 4201 2x4 WOOD FRAMING AROUND WINDOW & DOOR OPENINGS	1591	B.F.
DIV. 06 1x3 PINE JAMB EXTENSIONS	1591	L.F.
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R = 14.3 (WALL INSUL.)	11,172	S.F.
DIV. 07 07210 1017 INSTALL 6" UNFACED FIBERGLASS INSUL. R = 19.0 (ROOF INSUL. - ADMIN. WING, ACTIVITY & ASSEMBLY WING & CLASSROOM WING)	11,602	S.F.
DIV. 07 INSTALL 1" RIGID POLYISO. INSUL. BD. (R = 7.2) TO EXIST'G WOOD FURR'G LOCATED BETWEEN WOOD PURLINS - NAVE & NARTHEX (ROOF INSUL.) (INCLUDE 4005)	4,324	S.F.

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 452	Building Name: CHAPEL	
Date Prepared: 5 JAN. 94	Estimator: K. STICK	Sheet 2 of 3
BID ITEM - WALL / ROOF INSULATION		
Description	Quantity	Unit Measurement
DIV. 07 07210 1004 INSTALL 6" KRAFT FACED FIBERGLASS INSUL. BETWEEN RAFTERS R = 19.0 (ROOF INSUL. - EQUIP. / MECH. RM.)	759	S.F.
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	11,172	S.F.
DIV. 09 INSTALL STD. 2" Z' FURR'G @ 24" O.C. BETWEEN 2" RIGID INSUL. BD.	71.15	C.L.F.
DIV. 09 09920 1221 PAINT'G 1/2" DRYWALL	11,172	S.F.
DIV. 09 09920 1304 PAINT'G INT. WOOD TRIM	1591	L.F.
DIV. 09 CEMENT 12" X 12" ACOUST. TILE TO 1" RIGID INSUL. BD. @ NAIVE / NARTHEX	4,324	S.F.
DIV. 16 ELEC. WORK ON OUTLETS & SWITCHES	140	EA.
DIV. 16 ELEC. WORK ON WALL MTD. LIGHT FIXT.	5	EA.
DIV. 16 ELEC. WORK ON FIRE ALARM PULL STATIONS	10	EA.
DIV. 16 ELEC. WORK ON FIRE ALARM BELLS	2	EA.

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4521: CB BLDG 452, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:54:31

TITLE PAGE 1

CB BLDG 452, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 452, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/10/94

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U.S. Army Corps of Engineers
PROJECT CB4521: CB BLDG 452, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:54:31

SETTINGS PAGE 1

**- CONTRACTOR SETTINGS **-

		AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor											
OVERHEAD	S		5.00	5.00							
HOME OFC	P		10.00								
PROFIT	S		8.66	5.00							
BOND	P		2.00								
02 Electrical Contractor											
OVERHEAD	P		5.00								
HOME OFC	P		10.00								
PROFIT	C		8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P		2.00								

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4521: CB BLDG 452, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:54:31

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4521: CB BLDG 452, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 16:54:31

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SION	TOTAL COST	UNIT COST
01 Contract	1.00	EA	83,395	0	4,170	0	87,564	87564.40
CB BLDG 452, ECO #1	1.00	EA	83,395	0	4,170	0	87,564	87564.40

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4521: CB BLDG 452, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 16:54:31

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	1,137	37,907	374	26,865	0	65,146	65145.91
CB BLDG 452, ECO #1 OVERHEAD	1.00	EA	1,137	37,907	374	26,865	0	65,146 3,257	65145.91
SUBTOTAL HOME OFC								68,403 6,840	
SUBTOTAL PROFIT								75,244 6,516	
SUBTOTAL BOND								81,759 1,635	
TOTAL INCL INDIRECTS CONTNGENCY								83,395 4,170	
TOTAL INCL OWNER COSTS								87,564	

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4521: CB BLDG 452, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 16:54:31

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	62,709	3,135	6,584	6,272	1,574	80,275	80274.90
EL Electrical Contractor	2,437	122	256	244	61	3,120	3119.76

Mon 10 Jan 1994

U.S. Army Corps of Engineers
 PROJECT CB4521: CB BLDG 452, ECO #1 - ESOS Carlisle Barracks
 INTERIM SUBMISSION
 01. Contract

TIME 16:54:31

DETAILED ESTIMATE

DETAIL PAGE 1

		QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract										
Removal & Resetting of Millwork					0.03	0.95	0.01	0.00	0.00	0.96
	3987.00	LF	ULABF		130	3,788	28	0	0	3,816
Sills & Plates, 2x4 So Yel Pine					0.02	0.80	0.02	0.24	0.00	1.06
	1591.00	BF	ACARD		36	1,273	31	388	0	1,692
Jamb Extensions					0.03	0.79	0.01	0.42	0.00	1.22
	1591.00	LF	ULABF		43	1,257	9	675	0	1,941
2" Polyiso., R14.3 Rigid Insul.					0.01	0.26	0.00	0.90	0.00	1.16
	11172	SF	ACARA		81	2,905	28	10,066	0	12,999
6" Unfaced Batt, R19 Fbgs Insul					0.01	0.30	0.00	0.21	0.00	0.51
	11602	SF	ACARA		97	3,448	33	2,460	0	5,941
1" Polyiso., R7.2 Rigid Insul.					0.01	0.24	0.00	0.66	0.00	0.90
	4324.00	SF	ACARA		29	1,038	10	2,842	0	3,890
6-1/4" Kraft Faced R19 Fbgs Insul					0.01	0.30	0.00	0.22	0.00	0.52
	759.00	SF	ACARA		6	226	2	169	0	397
1/2" Drywall, One Layer, One Face On Metal Studs or Furring, (13mm) For Taping, Spackling, And					0.02	0.69	0.01	0.21	0.00	0.91
	11172	SF	ACARB		126	4,482	46	2,060	0	10,157
					90	3,227	33	309		
Std. 2" Z Furring, Galv.					2.09	74.50	0.72	28.09	0.00	103.31
	71.15	CLF	ACARA		149	5,301	51	1,999	0	7,351
Interior Roller Work One Coat Primer-Two Coats Paint					0.01	0.29	0.00	0.19	0.00	0.48
	11172	SF	APTRA		120	3,205	36	2,132	0	5,373
Paint Int Wd Trim, 1Prime, 2Paint Enamel Primer, Alkyd or Latex Pnt					0.04	1.14	0.01	0.08	0.00	1.23
	1591.00	LF	APTRA		68	1,806	20	135	0	1,962
12"x12"x5/8" Vnyl Face Acous Tile Mineral Fiber Ceiling Tile					0.03	0.89	0.01	0.76	0.00	1.66
	4324.00	SF	ACARA		108	3,855	37	3,300	0	7,192
Electrical Work on Outlets & Switches					0.28	11.00	0.04	2.12	0.00	13.16
	140.00	EA	EELEB		39	1,540	5	297	0	1,842
Electrical Work on Wall Mounted Light Fixtures					0.93	33.50	0.12	2.12	0.00	35.74
	5.00	EA	EELEF		5	168	1	11	0	179
Electrical Work on Fire Alarm Pull Stations					0.82	32.50	0.11	2.12	0.00	34.73
	10.00	EA	EELEB		8	325	1	21	0	347
Electrical Work on Fire Alarm Bells					0.82	32.50	0.11	2.12	0.00	34.72
	2.00	EA	EELEB		2	65	0	4	0	69

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4521: CB BLDG 452, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 16:54:31

DETAILED ESTIMATE

DETAIL PAGE 2

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract				1,137	37,907	374	26,865	0	65,146
CB BLDG 452, ECO #1				1,137	37,907	374	26,865	0	65,146

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4521: CB BLDG 452, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:54:31

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4523: CB BLDG 452, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:58:16

TITLE PAGE 1

CB BLDG 452, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 452, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/10/94

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PROJECT CB4523: CB BLDG 452, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:58:16

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor										
OVERHEAD		P	5.00							
HOME OFC		P	10.00							
PROFIT		C	8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND		P	2.00							

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4523: CB BLDG 452, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:58:16

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4523: CB BLDG 452, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 16:58:16

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	7,359	0	368	0	7,727	7726.53
CB BLDG 452, ECO #3	1.00	EA	7,359	0	368	0	7,727	7726.53

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4523: CB BLDG 452, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 16:58:16

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	147	5,242	38	469	0	5,749	5748.61
CB BLDG 452, ECO #3 OVERHEAD	1.00	EA	147	5,242	38	469	0	5,749 287	5748.61
SUBTOTAL HOME OFC								6,036 604	
SUBTOTAL PROFIT								6,640 575	
SUBTOTAL BOND								7,214 144	
TOTAL INCL INDIRECTS CONTNGENCY								7,359 368	
TOTAL INCL OWNER COSTS								7,727	

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4523: CB BLDG 452, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:58:16

SUMMARY PAGE 3

** CONTRACTOR INDIRECT SUMMARY **

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	5,749	287	604	575	144	7,359	7358.60

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4523: CB BLDG 452, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 16:58:16

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint on Ext. Doors & Windows	23.87	CLF	ARFCA	4.65 111	166.39 3,972	1.03 25	9.54 228	0.00 0	176.96 4,224
Mtl Weatherstrip w/Neoprene Bulb For Head and Jamb	270.00	LF	ACARB	0.07 20	2.62 708	0.03 7	0.66 177	0.00 0	3.31 893
Mtl Weatherstrip for Door Bottom Surface Mounted w/Vinyl Bulb	75.00	LF	ACARB	0.21 16	7.50 562	0.08 6	0.85 64	0.00 0	8.42 632
				147	5,242	38	469	0	5,749
Contract				147	5,242	38	469	0	5,749
CB BLDG 452, ECO #3				147	5,242	38	469	0	5,749

Mon 10 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB4523: CB BLDG 452, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:58:16

ERROR REPORT

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Building 901

Architectural Estimate

933702

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 901		Building Name: GOLF HOUSE	
Date Prepared: 10 JAN. 94	Estimator: K. STICK	Sheet 1 of 4	
BID ITEM - WALL / ROOF INSULATION			
Description	Quantity	Unit Measurement	
DIV. 02 REMOVAL & RESETTNG OF EXIST. MILLWORK (CASING)	763	L.F.	
DIV. 06 06111 4201 2X4 WOOD FRAMING AROUND WINDOW & DOOR OPENINGS	509	B.F.	
DIV. 06 1x3 PINE JAMB EXTENSIONS	763	L.F.	
DIV. 07 INSTALL 2" RIGID POLYISO. INSUL. BD. R=14.3 (WALL INSUL.)	2900	S.F.	
DIV. 07 INSTALL 3" RIGID POLYISO. INSUL. BD. w/ 7/16" APA RATED OSB ON TOP SIDE. R=19.3 (ROOF INSUL. - LOUNGE AREA)	1494	S.F.	
DIV. 07 BLOWN-IN CELLULOSE INSUL. - 4"± BETWEEN CEIL. JOISTS R=11.0	1400	S.F.	
DIV. 09 09260 1002 INSTALL 1/2" DRYWALL (INCLUDE 4001)	2900	S.F.	
DIV. 09 INSTALL STD. 2" 'Z' FURR'G @ 24" O.C. BETWEEN 2" RIGID INSUL. BD.	20.56	C.L.F.	

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 901

Building Name: GOLF HOUSE

Date Prepared: 10 JAN. 94

Estimator: K. STICK

Sheet 2 of 4

BID ITEM - WALL / ROOF INSULATION

Description	Quantity	Unit Measurement
DIV. 09 INSTALL 4" VINYL COVE BASE	424	L.F.
DIV. 09 09920 1221 PAINTG 1/2" DRYWALL	2900	S.F.
DIV. 07 INSTALL 15# ROOF FELT (LOUNGE)	15	S.Q.
DIV. 07 INSTALL ASPHALT SHINGLES (LOUNGE)	15	S.Q.
DIV. 07 INSTALL ALUM. DRIP EDGE ON LOUNGE ROOF	120	L.F.
DIV. 16 ELEC. WORK ON OUTLETS & SWITCHES	18	EA.
DIV. 16 ELEC. WORK ON FIRE ALARM PULL STATIONS	8	EA
DIV. 16. ELEC. WORK ON FIRE ALARM BELLS	4	EA.

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9011: CB BLDG 901, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:21:08

TITLE PAGE 1

CB BLDG 901, ECO #1
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 901, Wall & Roof Insul.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/13/94

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U.S. Army Corps of Engineers
PROJECT CB9011: CB BLDG 901, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:21:08

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	S	5.00	5.00							
HOME OFC	P	10.00								
PROFIT	S	8.66	5.00							
BOND	P	2.00								

02 Electrical Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.66		0.052	0.075	0.119	0.052	0.075	0.120	0.118
BOND	P	2.00								

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9011: CB BLDG 901, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:21:08

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9011: CB BLDG 901, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 16:21:08

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	23,687	0	1,184	0	24,871	24871.37
CB BLDG 901, ECO #1	1.00	EA	23,687	0	1,184	0	24,871	24871.37

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9011: CB BLDG 901, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 16:21:08

SUMMARY PAGE 2

	QUANTITY UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00 EA	276	9,084	123	9,297	0	18,504	18503.73
CB BLDG 901, ECO #1 OVERHEAD	1.00 EA	276	9,084	123	9,297	0	18,504 925	18503.73
SUBTOTAL							19,429	
HOME OFC							1,943	
SUBTOTAL							21,372	
PROFIT							1,851	
SUBTOTAL							23,223	
BOND							464	
TOTAL INCL INDIRECTS							23,687	
CONTNGENCY							1,184	
TOTAL INCL OWNER COSTS							24,871	

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9011: CB BLDG 901, ECO #1 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 16:21:08

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	17,850	893	1,874	1,785	448	22,851	22850.51
EL Electrical Contractor	653	33	69	65	16	837	836.50

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 16:21:08

PROJECT CB9011: CB BLDG 901, ECO #1 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Removal & Resetting of Millwork				0.03	0.95	0.01	0.00	0.00	0.96
	763.00	LF	ULABF	25	725	5	0	0	730
Sills & Plates, 2x4 So Yel Pine				0.02	0.80	0.02	0.24	0.00	1.06
	509.00	BF	ACARD	11	407	10	124	0	541
Jamb Extensions				0.03	0.79	0.01	0.42	0.00	1.22
	763.00	LF	ULABF	21	603	5	324	0	931
2" Polyiso., R14.3 Rigid Insul.				0.01	0.26	0.00	0.90	0.00	1.16
	2900.00	SF	ACARA	21	754	7	2,613	0	3,374
3" Polyiso., R19.3 Rigid Insul.				0.01	0.22	0.00	1.47	0.00	1.70
	1494.00	SF	APLAD	12	336	6	2,201	0	2,543
Blown-in Cell. Insul. R11				0.01	0.17	0.03	0.85	0.00	1.04
	1400.00	SF	AASBD	8	238	37	1,187	0	1,462
1/2" Drywall, One Layer, One Face				0.02	0.69	0.01	0.21	0.00	0.91
in Metal Studs or Furring, (13mm)	2900.00	SF	ACARB	33	1,163	12	535	0	2,636
or Taping, Spackling, And				23	838	9	80		
Std. 2" Z Furring, Galv.				2.09	74.50	0.72	28.09	0.00	103.31
	20.56	CLF	ACARA	43	1,532	15	578	0	2,124
4" Vinyl Base				0.02	0.61	0.00	0.74	0.00	1.36
	424.00	LF	APAPA	10	259	1	315	0	575
Interior Roller Work				0.01	0.29	0.00	0.19	0.00	0.48
One Coat Primer-Two Coats Paint	2900.00	SF	APTRA	31	832	9	553	0	1,395
15# Asphalt Felt Underlayment				0.20	7.16	0.04	2.12	0.00	9.32
	15.00	CSF	ARFCA	3	107	1	32	0	140
Asphalt Shingles				1.20	43.00	0.27	44.52	0.00	87.79
	15.00	SQ	ARFCA	18	645	4	668	0	1,317
Alum. Drip Edge				0.01	0.48	0.01	0.20	0.00	0.68
	120.00	LF	MSHMA	2	57	1	24	0	82
Electrical Work on Outlets & Switches				0.28	11.00	0.04	2.12	0.00	13.16
	18.00	EA	EELEB	5	198	1	38	0	237
Electrical Work on Fire Alarm Pull Stations				0.82	32.50	0.11	2.12	0.00	34.73
	8.00	EA	EELEB	7	260	1	17	0	278
Electrical Work on Fire Alarm Bells				0.82	32.50	0.11	2.12	0.00	34.72
	4.00	EA	EELEB	3	130	0	8	0	139

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 16:21:08

PROJECT CB9011: CB BLDG 901, ECO #1 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 2

01. Contract

QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract			276	9,084	123	9,297	0	18,504
CB BLDG 901, ECO #1			276	9,084	123	9,297	0	18,504

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 16:21:08

PROJECT CB9011: CB BLDG 901, ECO #1 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

CARLISLE BARRACKS ENERGY STUDY
Individual Building Material Take Off Worksheet

Building No. 901		Building Name: GOLF HOUSE	
Date Prepared: 10 JAN, 94	Estimator: K. STICK	Sheet 3 of 4	
BID ITEM - INSUL. GL. / DBL. H. WINDOWS			
Description	Quantity	Unit Measurement	
DIV. 08 INSTALL 3/16" DS. THK. GLASS PANEL			
W/ FRAME ON THE FOLLOWING			
WINDOWS. (INSTALL PANEL ON AWNING			
WINDOWS WHERE INSECT SCREENS			
WOULD BE LOCATED)			
A. EXIST. 3'-6" x 5'-8" FIXED/AWNING - INSUL. GL.			
(NO WORK)	0		
B. EXIST. 4'-0" x 1'-10" AWNING - INSUL. GL.			
(NO WORK)	0		
C. EXIST. 3'-8" x 5'-4" FIXED - SINGLE GLAZING			
7 UNITS x 20 S.F. EA. = 140 S.F. OF			
INTERIOR INSTALLED PANEL	140	S.F.	
D. EXIST. 3'-8" x 1'-8" AWNING - SINGLE GLAZING			
10 UNITS x 6 S.F. EA. = 60 S.F. OF			
INTERIOR INSTALLED PANEL	60	S.F.	
E. EXIST. 2'-4" x 3'-10" DBL. HUNG - SINGLE GLAZING			
1 UNIT x 9 S.F. = 9 S.F. OF EXTERIOR			
DBL. HUNG STORM PANEL	1	EA.	
F. EXIST. 3'-2" x VARIES (SEE ELEV.) - SINGLE			
GLAZING. 224 S.F. TOTAL AREA OF			
INTERIOR INSTALLED PANELS	224	S.F.	

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9012: CB BLDG 901, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:31:02

TITLE PAGE 1

CB BLDG 901, ECO #2
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 901, Windows
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/13/94

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U.S. Army Corps of Engineers
PROJECT CB9012: CB BLDG 901, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:31:02

SETTINGS PAGE 1

** CONTRACTOR SETTINGS **

AMOUNT PCT PCT S RISK DIFF SIZE PERIOD INVEST ASSIST SUBCON

01 General Contractor

OVERHEAD	P	5.00								
HOME OFC	P	10.00								
PROFIT	C	8.65	0.052	0.075	0.119	0.052	0.075	0.120	0.118	
BOND	P	2.00								

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9012: CB BLDG 901, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:31:02

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9012: CB BLDG 901, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 16:31:02

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00	EA	1,728	0	86	0	1,815	1814.74
CB BLDG 901, ECO #2	1.00	EA	1,728	0	86	0	1,815	1814.74

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9012: CB BLDG 901, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 16:31:02

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	10	348	4	999	0	1,350	1350.18
CB BLDG 901, ECO #2 OVERHEAD	1.00	EA	10	348	4	999	0	1,350 68	1350.18
SUBTOTAL HOME OFC								1,418 142	
SUBTOTAL PROFIT								1,559 135	
SUBTOTAL BOND								1,694 34	
TOTAL INCL INDIRECTS CONTNGENCY								1,728 86	
TOTAL INCL OWNER COSTS								1,815	

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9012: CB BLDG 901, ECO #2 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 16:31:02

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	1,350	68	142	135	34	1,728	1728.32

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 16:31:02

PROJECT CB9012: CB BLDG 901, ECO #2 - ESOS Carlisle Barracks

DETAILED ESTIMATE

INTERIM SUBMISSION

DETAIL PAGE 1

01. Contract

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Single Glazing Installed on Inside of Existing Windows	424.00	SF	ACARB	0.02 9	0.79 335	0.01 3	2.23 944	0.00 0	3.02 1,282
Double Hung Storm Panel	1.00	EA	ACARB	0.36 0	12.70 13	0.13 0	55.12 55	0.00 0	67.95 68
Contract				10	348	4	999	0	1,350
CB BLDG 901, ECO #2				10	348	4	999	0	1,350

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 16:31:02

PROJECT CB9012: CB BLDG 901, ECO #2 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9013: CB BLDG 901, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:34:27

TITLE PAGE 1

CB BLDG 901, ECO #3
ESOS Carlisle Barracks
Contract No. DACA65-93-C-0018
Building 901, Caulk & W.S.
Carlisle Barracks, PA

Designed By: Benatec Associates
Estimated By: Benatec Associates

Prepared By: Benatec Associates

Date: 01/13/94

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U.S. Army Corps of Engineers
PROJECT CB9013: CB BLDG 901, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TIME 16:34:27

SETTINGS PAGE 1

*** CONTRACTOR SETTINGS ***

	AMOUNT	PCT	PCT S	RISK	DIFF	SIZE	PERIOD	INVEST	ASSIST	SUBCON
01 General Contractor										
OVERHEAD		P		5.00						
HOME OFC		P		10.00						
PROFIT		C		8.65	0.052	0.075	0.119	0.052	0.075	0.120 0.118
BOND		P		2.00						

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 16:34:27

PROJECT CB9013: CB BLDG 901, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION

TABLE OF CONTENTS

CONTENTS PAGE 1

SUMMARY REPORTS	SUMMARY PAGE
PROJECT OWNER SUMMARY - LEVEL 1.....	1
PROJECT DIRECT SUMMARY - LEVEL 1.....	2
CONTRACTOR INDIRECT SUMMARY.....	3

DETAILED ESTIMATE	DETAIL PAGE
01. Contract.....	1

No Backup Reports...

*** END TABLE OF CONTENTS ***

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9013: CB BLDG 901, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT OWNER SUMMARY - LEVEL 1 **

TIME 16:34:27

SUMMARY PAGE 1

	QUANTITY UOM	CONTRACT	ESCALATN	CONTINGN	SIOH	TOTAL COST	UNIT COST
01 Contract	1.00 EA	3,041	0	152	0	3,193	3193.44
CB BLDG 901, ECO #3	1.00 EA	3,041	0	152	0	3,193	3193.44

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9013: CB BLDG 901, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** PROJECT DIRECT SUMMARY - LEVEL 1 **

TIME 16:34:27

SUMMARY PAGE 2

	QUANTITY	UOM	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST	UNIT COST
01 Contract	1.00	EA	60	2,130	17	230	0	2,376	2375.95
CB BLDG 901, ECO #3 OVERHEAD	1.00	EA	60	2,130	17	230	0	2,376 119	2375.95
SUBTOTAL HOME OFC								2,495 249	
SUBTOTAL PROFIT								2,744 238	
SUBTOTAL BOND								2,982 60	
TOTAL INCL INDIRECTS CONTINGENCY								3,041 152	
TOTAL INCL OWNER COSTS								3,193	

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9013: CB BLDG 901, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
** CONTRACTOR INDIRECT SUMMARY **

TIME 16:34:27

SUMMARY PAGE 3

	DIRECT	OVERHEAD	HOME OFC	PROFIT	BOND	TOTAL COST	UNIT COST
GC General Contractor	2,376	119	249	238	60	3,041	3041.37

Thu 13 Jan 1994

U.S. Army Corps of Engineers
PROJECT CB9013: CB BLDG 901, ECO #3 - ESOS Carlisle Barracks
INTERIM SUBMISSION
01. Contract

TIME 16:34:27

DETAILED ESTIMATE

DETAIL PAGE 1

	QUANTY	UOM	CREW ID	MANHRS	LABOR	EQUIPMNT	MATERIAL	OTHER	TOTAL COST
Contract									
Polyurethane Cmpd, 1/4"x1/4" Joint				4.65	166.39	1.03	9.54	0.00	176.96
on Ext. Doors & Windows	7.63	CLF	ARFCA	35	1,270	8	73	0	1,350
Mtl Weatherstrip w/Neoprene Bulb				0.07	2.62	0.03	0.66	0.00	3.31
For Head and Jamb	165.00	LF	ACARB	12	433	4	108	0	546
Mtl Weatherstrip for Door Bottom				0.21	7.50	0.08	0.85	0.00	8.42
Surface Mounted w/Vinyl Bulb	57.00	LF	ACARB	12	427	4	48	0	480
Bulb									
Contract				60	2,130	17	230	0	2,376
CB BLDG 901, ECO #3				60	2,130	17	230	0	2,376

Thu 13 Jan 1994

U.S. Army Corps of Engineers

TIME 16:34:27

PROJECT CB9013: CB BLDG 901, ECO #3 - ESOS Carlisle Barracks

ERROR REPORT

INTERIM SUBMISSION

ERROR PAGE 1

No errors detected...

*** END OF ERROR REPORT ***