

2. AMENDMENT/MODIFICATION NO. <b>0005</b>	3. EFFECTIVE DATE <b>2/23/01</b>	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. <i>(If applicable)</i>
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6. ISSUED BY  <b>U. S. Army Engineer District, Honolulu Attn: CEPOH-CT-C Building 230 Fort Shafter, Hawaii 96858-5440</b>	7. ADMINISTERED BY <i>(If other than Item 6)</i>
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8. NAME AND ADDRESS OF CONTRACTOR <i>(No., street, county, State and ZIP Code)</i>	(✓)	9A. AMENDMENT OF SOLICITATION NO. <b>DACA83-01-R-0001</b>
	(X)	9B. DATED <i>(SEE ITEM 11)</i> <b>11/1/00</b>
		10A. MODIFICATION OF CONTRACTS/ORDER NO.
		10B. DATED <i>(SEE ITEM 13)</i>

CODE	FACILITY CODE	<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>
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The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: <i>(Specify authority)</i> THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES <i>(such as changes in paying office, appropriation date, etc.)</i> SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER <i>(Specify type of modification and authority)</i>

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

**FY00 MCA PN 46902, Whole Barracks Renewal, Phase 2A, Schofield Barracks, Oahu, Hawaii**

See attached pages.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER <i>(Type or print)</i>	16A. NAME AND TITLE OF CONTRACTING OFFICER <i>(Type or print)</i>
15B. CONTRACTOR/OFFEROR  _____ <i>(Signature of person authorized to sign)</i>	16B. UNITED STATES OF AMERICA  BY _____ <i>(Signature of Contracting Officer)</i>
15C. DATE SIGNED	16C. DATE SIGNED

1. Attached hereto are revised and new pages to Sections 00010, 00100, 00700, 00800 and 00900. The revision mark "(AM-0005)" is shown on each page.

A. REVISED PAGES. The following are revised pages to the solicitation. Changes are indicated in bold.

Section 00010: SF 1442  
SF 1442 - Block 13 is revised

Section 00100: Pages 1-21  
Title of 52.225-12 is revised to "Notice of Buy American Act/Balance of Payments Program Requirement--Construction Materials Under Trade Agreements (Feb 2000)"

Section 00700: Appendix B  
List of Drawings, Building BN-1, BK-1, SCB-1, RSC, BN-2, BK-2 is revised

Section 00800: Pages 1-17  
S-1a, Reporting of Contractor Manpower Data Elements (Feb 2001) is added

Section 00900: Attachment A.1, Pages 13-14  
Responses to Questions 88-90 are revised

B. NEW PAGES. The following pages are added to the solicitation.

Section 00700: Appendix B  
List of Drawings, Buildings COF-4, COF-5, COF-6, COF-7

Section 00800: Page 18

Section 00900: Attachment A.1, Pages 15-20  
Questions 91-117 are added

2. CHANGES TO SPECIFICATIONS. Attached hereto are new and revised pages and sections to the specifications. The revision mark "(Am-0005)" is shown on each page.

A. REVISED PARAGRAPHS. The following are revised paragraphs to the specifications. Changes are indicated in bold.

Section 02200 para 1.2, 1.5, 1.6.1, 1.8, 2.1.2, 2.1.3, 3.1, 3.3.2  
3.3.4, 3.3.5, 3.4.2, 3.5.1, 3.6.1, 3.6.3, 3.7.2, 3.8, 3.9

Section 02510 para 3.1.2.5, 3.1.2.6

Section 02531 para 3.1.1.4, 3.1.1.1

Section 02630 para 2.1, 2.1.7, 3.8.1

Section 04200 para 2.4

Section 08700 para 2.16, 2.16.1, 2.16.2, 2.17, 2.17.1, 2.17.2, 2.17.3  
Section 08810 para 2.6  
Section 09510 para 2.1.1, 2.2  
Section 09650 para 2.2, 2.2.1, 2.6, 3.5, 3.10, 3.11  
Section 11400 Attachment  
Section 12490 para 2.4, 2.4.1, 2.4.1.1, 2.4.2, 2.4.3, 2.4.3.1, 2.4.4, 2.4.4.1, 2.4.4.2, 2.4.5, 2.4.6, 2.4.6.1, 3.2.1  
Section 13851 para 1.1, 1.2.6, Attachment  
Section 13852 para 1.1, 1.2.6  
Section 15400 para 3.9.7  
Section 15895 para 2.10.2

B. NEW PAGES. The following pages are added to the specification:

Project Table of Contents  
Section 02731  
Section 16370  
Section 16415, Attachment Sheets 40 and 55  
Submittal Register 02731 and 16370

C. DELETED PAGES. The following sections are deleted from the specifications:

Project Table of Contents  
Section 16798  
Section 16935  
Section 01600

3. CHANGES TO DRAWINGS

A. REVISED DRAWINGS (NOT ISSUED). Following are revisions made to drawings listed. These revised drawings will not be issued with this amendment but will be furnished to the successful offeror at the time of award of the Contract.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
3	721-11-14	TW-3	"BN-1" Schedule of Drawings

At Zones C,F & H: Provide revision letter "c" in Revision block of all revised drawings (re-issued and not issued) per AM-0005.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
4	721-11-14	TW-4	"BK-1" Schedule of Drawings

At Zones C,F & H: Provide revision letter "c" in Revision block of all revised drawings (re-issued and not issued) per AM-0005.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
5	721-11-14	TW-5	"SCB-1" Schedule of Drawings

AM-0005  
RFP No. DACA83-01-R-0001  
Item 14 (Continued)

Standard Form 30  
Page 4 of 17 Pages

At Zones C,F & H: Provide revision letter "c" in Revision block of all revised drawings (re-issued and not issued) per AM-0005.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
6	721-11-14	TW-6	"RSC" Schedule of Drawings

At Zones C & F: Provide revision letter "c" in Revision block of all revised drawings (re-issued and not issued) per AM-0005.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
7	721-11-14	TW-7	"BN-2" Schedule of Drawings

At Zones C,F & H: Provide revision letter "c" in Revision block of all revised drawings (re-issued and not issued) per AM-0005.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
8	721-11-14	TW-8	"BK-2" Schedule of Drawings

At Zones C,F & H: Provide revision letter "c" in Revision block of all revised drawings (re-issued and not issued) per AM-0005.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
16	721-11-14	AW-6	Large Battalion Headquarters Building "BN-1" Second Floor Plan - Signage, Window treatment & Floor Finishes

At Zone B3: Revise sign type for sign no. 78 to "DD1" in lieu of "BB2".

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
60	721-11-14	SW-5	Large Battalion Headquarters Building "BN-1" Precast Hollow Core Details

At Zone C1: Section A. Add the following note:

2. Contractor may use precast concrete hollow core planks as a substitution for cast-in-place pour strips. Contractor shall design precast hollow core planks for the load requirements in the general notes. Provide 25mm edge bearing.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
103	721-11-14	MW-22	Large Battalion Headquarters Building "BN-1", First and Second Floor Detailed Plumbing Plans

At Zone C3: Add 20mm hose bibb with service cock in Mechanical Room 112. Install hose bibb 450mm above floor near floor sink. Point of connection shall be at 25mm cold water supply to water heater.

At Zone G4: Add 20mm hose bibb with service cock Mechanical Room 203. Install hose bibb 450mm above floor. Point of connection shall be at 25mm cold water supply to water heater Mechanical Room 112.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
166	721-11-14	SB-2	Barracks Building "BK-1" Second Thru 5 <sup>th</sup> Floor Framing Plan

At Zone E5: Precast plank designation for AHU room located between gridlines H and H-2 and gridlines 2 and 4 shall be changed to PCP-4.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
174	721-11-14	SB-10	Barracks Building "BK-1" Plank and Roof Details

At Zone A5: Detail 1 Precast Prestressed Plank Details. Add the following plank designation:

<u>Plank</u>	<u>12.7 Dia. Strand Spacing</u>	<u>Trans. Reinf.</u>	<u>Shoring (Induced Camber)</u>	<u>Notes</u>
PCP-4	see note 4	<a href="#">#10@300</a>	Midspan	4

At Zone A4: Detail 1 Precast Prestressed Plank Details. Add the following note:

4. Contractor shall design precast prestressed concrete planks for the load requirements in the general notes.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
181	721-11-14	SB-17	Barracks Building "BK-1" General Notes & Typical Slab Details

At Zone A5: Delete Note C.1. Insert the following note in its place:

1. *The minimum 28-day strength of cast-in-place concrete shall be as follows:*

<i>Concrete Topping over Precast Concrete Planks</i>	<i>27.6 MPa (4,000 psi)</i>
<i>Other Concrete</i>	<i>20.7 MPa (3,000 psi)</i>

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
310	721-11-14	MC-18	400PN Soldier Community Building "SCB-1" Detailed Plumbing Plan

At Zone D3: Add 20mm hose bibb with service cock in Mechanical Room 118. Install hose bibb 450mm above floor. Point of connection shall be at 25mm cold water upstream of reduced pressure backflow preventer.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
314	721-11-14	MC-22	400PN Soldier Community Building "SCB-1" Sanitary Piping Diagram

At Zone A2: Revise piping diagram for service sink P-4 to floor mounted installation.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
322	721-11-14	FC-4	400PN Soldier Community Buildings "SCB-1" First Floor Fire Suppression Plan

At Zone B5: Revise symbol for portable fire extinguisher to semi-recessed mounted cabinet as shown on Sheet AC-1 in lieu of surface mounted type, adjacent to door to Telephone Room 119.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
327	721-11-14	EC-2	400PN Soldier Community Buildings "SCB-1" First Floor Lighting Plan

At Zone E5: Provide Type C2 luminaire in lieu of Type C at TV Lounge Room 113.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
340	131-20-06	AR-1	Remote Switching Center "RSC" Floor Plan, Roof Plan, Reflected Ceiling Plan

At Zone B3: Delete "(NIC)" note at emergency generator. Emergency generator is in contract.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
367	131-20-06	MR-9	Remote Switching Center Building "RSC" First Floor Plumbing Plan

At Zone C4: Change 50FD (floor drain) with funnel to 50 floor sink. Relocate HB (hose bibb) at P-1 (emergency eyewash/shower) to inside Mechanical Room 102 450mm above floor sink. Point of connection shall be above grade at 32mm cold water supply. Install 15mm cold water supply to hose bibb in CMU wall. Change 100mm VTR (vent through roof) to 50mm VTR.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
429	721-11-14	SWR-5	Large Battalion Headquarters Building "BN-2" Precast Hollow Core Details

At Zone C1: Section A. Add the following note:

- Contractor may use precast concrete hollow core planks as a substitution for cast-in-place pour strips. Contractor shall design precast hollow core planks for the load requirements in the general notes. Provide 25mm edge bearing.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
472	721-11-14	MWR-22	Large Battalion Headquarters Building "BN-2", First and Second Floor Detailed Plumbing Plans

At Zone C2: Add 20mm hose bibb with service cock in Mechanical Room 112. Install hose bibb 450mm above floor near floor sink. Point to connection shall be 25mm cold water.

At Zone G6: Add 20mm hose bibb with service cock in Mechanical Room 203. Install hose bibb 450mm above. Point of connection shall be at 25mm cold water supply to water heater in Mechanical Room 112.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
535	721-11-14	SBR-2	Barracks Building "BK-2" Second Thru 5 <sup>th</sup> Floor Framing Plan

At Zone B5: Precast plank designation for AHU room located between gridlines H and H-2 and gridlines 2 and 4 shall be changed to PCP-4.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
543	721-11-14	SBR-10	Barracks Building "BK-2" Plank and Roof Details

At Zone A5: Detail 1 Precast Prestressed Plank Details. Add the following plank designation:

<u>Plank</u>	<u>12.7 Dia. Strand Spacing</u>	<u>Trans. Reinf.</u>	<u>Shoring (Induced Camber)</u>	<u>Notes</u>
PCP-4	see note 4	<a href="#">#10@300</a>	Midspan	4

At Zone A4: Detail 1 Precast Prestressed Plank Details. Add the following note:

4. Contractor shall design precast prestressed concrete planks for the load requirements in the general notes.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
550	721-11-14	SBR-17	Barracks Building "BK-2" General Notes & Typical Slab Details

At Zone A5: Delete Note C.1. Insert the following note in its place:

2. The minimum 28-day strength of cast-in-place concrete shall be as follows:

Concrete Topping over Precast Concrete Planks	27.6 MPa (4,000 psi)
Other Concrete	20.7 MPa (3,000 psi)

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
1	811-10-03	TCP-1	Central Plant "CP-1" Title Sheet; Location Map; Site Plan; Vicinity Map; Schedule of Drawings

At Zones C: Provide revision letter "c" in Revision block of all revised drawings (re-issued and not issued) per AM-0005.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
4	811-10-03	ACP-2	Central Plant "CP-1" Exterior Elevations; Building Sections

At Zone A5: Delete "(NIC)" note at the end of note "self contained breathing apparatus". Self contained breathing apparatus is in contract.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
17	811-10-03	MCP-1	Central Plant "CP-1" Legend & Abbreviations, Symbols, and Notes

At Zone G6: Revise Note 2 to read "Work indicated on these drawings are for mechanical support systems for the new central A/C equipment. See Central A/C Equipment Drawings.

<u>RING NO.</u>	<u>DWG. NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
24	811-10-03	MCP-8	Central Plant "CP-1" Plumbing Plan

At Zone E6: Add 20mm hose bibb with service cock in Mechanical Room 101. Install hose bibb 450mm above floor. Point of connection shall be at 50mm cold water upstream of reduced pressure backflow preventer.

- B. REVISED DRAWINGS (ISSUED). The following revised drawings replace like-numbered drawings and are issued herewith:

Sheet Index for  
Amendment 'c'

FY00 MCA PN 46902 **PH2A1** WHOLE BARRACKS RENEWAL  
SCHOFIELD BARRACKS, OAHU, HAWAII  
**SITE AND UTILITIES**

<u>REV</u>	<u>RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR</u>	<u>REVISION</u> <u>DATE</u>
2		851-90-02	TX-2	b,c	5 FEB 01
3		851-90-02	TX-3	b,c	5 FEB 01
17		851-90-02	CS-9	c	5 FEB 01
25		851-90-02	CS-17	b,c	5 FEB 01
26		851-90-02	CS-18	b,c	5 FEB 01
27		851-90-02	CS-19	b,c	5 FEB 01
28		851-90-02	CS-20	b,c	5 FEB 01
36		851-90-02	CS-28	b,c	5 FEB 01
37		851-90-02	CS-29	b,c	5 FEB 01
36		851-90-02	CR-4	c	5 FEB 01
59		851-90-02	CR-4	c	5 FEB 01
79		851-90-02	CP-13	c	5 FEB 01
97		851-90-02	CD-12	c	5 FEB 01
128		851-90-02	ES-1	b,c	5 FEB 01
129		851-90-02	ES-2	c	5 FEB 01
130		851-90-02	ES-3	c	5 FEB 01
132		851-90-02	ES-5	c	5 FEB 01
133		851-90-02	ES-6	c	5 FEB 01
134		851-90-02	ES-7	c	5 FEB 01
140		851-90-02	ES-13	b,c	5 FEB 01
141		851-90-02	ES-14	b,c	5 FEB 01
142		851-90-02	ES-15	b,c	5 FEB 01
143		851-90-02	ES-16	b,c	5 FEB 01
147		851-90-02	ES-20	c	5 FEB 01
149		851-90-02	ES-22	b,c	5 FEB 01
150		851-90-02	ES-23	b,c	5 FEB 01
151		851-90-02	ES-24	b,c	5 FEB 01
152		851-90-02	ES-25	b,c	5 FEB 01
153		851-90-02	ES-26	b,c	5 FEB 01
154		851-90-02	ES-27	b,c	5 FEB 01
155		851-90-02	ES-28	b,c	5 FEB 01
156		851-90-02	ES-29	b,c	5 FEB 01
157		851-90-02	ES-30	b,c	5 FEB 01
158		851-90-02	ES-31	b,c	5 FEB 01
159		851-90-02	ES-32	b,c	5 FEB 01
160		851-90-02	ES-33	b,c	5 FEB 01
161		851-90-02	ES-34	b,c	5 FEB 01
165		851-90-02	ES-38	c	5 FEB 01
166		851-90-02	ES-39	b,c	5 FEB 01
287		851-90-02	EK-2	c	5 FEB 01
290		851-90-02	EK-5	c	5 FEB 01
293		851-90-02	EK-8	c	5 FEB 01
294		851-90-02	EK-9	c	5 FEB 01

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FY00 MCA PN 46902 **PH2A2** WHOLE BARRACKS RENEWAL  
SCHOFIELD BARRACKS, OAHU, HAWAII  
**BUILDINGS "BN-1", "BK-1", "SCB-1" "RSC-1", "BN-2", "BK-2"**

LARGE BATTALION HEADQUARTERS BUILDING "BN-1"

<u>RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR</u>	<u>REVISION</u> <u>DATE</u>
13	721-11-14	AW-3	c	5 FEB 01
35	721-11-14	AW-25	c	5 FEB 01
52	721-11-14	AW-42	c	5 FEB 01
55	721-11-14	AW-45	c	5 FEB 01
111	721-11-14	FW-3	c	5 FEB 01

BARRACKS BUILDING "BK-1"

<u>RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR</u>	<u>REVISION</u> <u>DATE</u>
148	721-11-14	AB-19	c	5 FEB 01
161	721-11-14	AB-32	c	5 FEB 01
209	721-11-14	FB-3	c	5 FEB 01
210	721-11-14	FB-4	c	5 FEB 01

LARGE BATTALION HEADQUARTERS BUILDING "BN-2"

<u>RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR</u>	<u>REVISION</u> <u>DATE</u>
382	721-11-14	AWR-3	c	5 FEB 01
404	721-11-14	AWR-25	c	5 FEB 01
421	721-11-14	AWR-42	c	5 FEB 01
424	721-11-14	AWR-45	c	5 FEB 01
480	721-11-14	FWR-3	c	5 FEB 01

BARRACKS BUILDING "BK-2"

<u>RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR</u>	<u>REVISION</u> <u>DATE</u>
517	721-11-14	ABR-19	c	5 FEB 01
530	721-11-14	ABR-32	c	5 FEB 01
578	721-11-14	FBR-3	c	5 FEB 01

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FY00 MCA PN 46902 **PH2A3** WHOLE BARRACKS RENEWAL  
Schofield Barracks, Oahu, Hawaii  
**BUILDINGS "COF-4" "COF-5" "COF-6" "COF-7"**

REV				
RING NO.	DRAWING NO.	SHEET NO.	LTR	REVISION
				<u>DATE</u>
2	141-85-01	SHEET INDEX	c	5 FEB 01
3	141-85-01	SHEET INDEX	c	5 FEB 01
4	141-85-01	SHEET INDEX	c	5 FEB 01

BUILDING COF-4

RING NO.	DRAWING NO.	SHEET NO.	LTR	REVISION
				<u>DATE</u>
6	141-85-01	AL-1	c	5 FEB 01
7	141-85-01	AL-2	c	5 FEB 01
9	141-85-01	AL-4	c	5 FEB 01
10	141-85-01	AL-5	c	5 FEB 01
15	141-85-01	AL-9	c	5 FEB 01
22	141-85-01	AL-16	c	5 FEB 01
25	141-85-01	AL-19	c	5 FEB 01
26	141-85-01	AL-20	c	5 FEB 01
38	141-85-01	AL-31	c	5 FEB 01
45	141-85-01	AL-38	c	5 FEB 01
52	141-85-01	SL-6	c	5 FEB 01
66	141-85-01	ML-2	c	5 FEB 01
67	141-85-01	ML-3	c	5 FEB 01
68	141-85-01	ML-4	c	5 FEB 01
70	141-85-01	ML-6	c	5 FEB 01
71	141-85-01	ML-7	c	5 FEB 01
72	141-85-01	ML-8	c	5 FEB 01
74	141-85-01	ML-10	c	5 FEB 01
75	141-85-01	ML-11	c	5 FEB 01
76	141-85-01	ML-12	c	5 FEB 01
80	141-85-01	ML-16	c	5 FEB 01
87	141-85-01	EL-2	c	5 FEB 01

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BUILDINGS COF-5

<u>RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR</u>	<u>REVISION</u>	<u>DATE</u>
98	141-85-01	AJ-2	c	5	FEB 01
100	141-85-01	AJ-4	c	5	FEB 01
101	141-85-01	AJ-5	c	5	FEB 01
113	141-85-01	AJ-15	c	5	FEB 01
114	141-85-01	AJ-16	c	5	FEB 01
117	141-85-01	AJ-19	c	5	FEB 01
118	141-85-01	AJ-19a	c	5	FEB 01
127	141-85-01	AJ-27	c	5	FEB 01
132	141-85-01	AJ-31	c	5	FEB 01
140	141-85-01	AJ-38	c	5	FEB 01
142	141-85-01	SJ-4	c	5	FEB 01
143	141-85-01	SJ-5	c	5	FEB 01
148	141-85-01	SJ-10	c	5	FEB 01
149	141-85-01	SJ-11	c	5	FEB 01
151	141-85-01	MJ-2	c	5	FEB 01
152	141-85-01	MJ-3	c	5	FEB 01
153	141-85-01	MJ-4	c	5	FEB 01
155	141-85-01	MJ-6	c	5	FEB 01
156	141-85-01	MJ-7	c	5	FEB 01
157	141-85-01	MJ-8	c	5	FEB 01
158	141-85-01	MJ-9	c	5	FEB 01
159	141-85-01	MJ-10	c	5	FEB 01
160	141-85-01	MJ-11	c	5	FEB 01
161	141-85-01	MJ-12	c	5	FEB 01
164	141-85-10	MJ-15	c	5	FEB 01
165	141-85-01	MJ-16	c	5	FEB 01
166	141-85-01	MJ-17	c	5	FEB 01
167	141-85-01	MJ-18	c	5	FEB 01
171	141-85-01	MJ-22	c	5	FEB 01
175	141-85-01	MJ-26	c	5	FEB 01
178	141-85-01	EJ-2	c	5	FEB 01
180	141-85-01	EJ-4	c	5	FEB 01
181	141-85-01	EJ-5	c	5	FEB 01
185	141-85-01	EJ-9	c	5	FEB 01

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<u>BUILDING COF-6</u>				
<u>RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR</u>	<u>REVISION</u> <u>DATE</u>
190	141-85-01	AM-2	c	5 FEB 01
192	141-85-01	AM-4	c	5 FEB 01
193	141-85-01	AM-5	c	5 FEB 01
202	141-85-01	AM-13	c	5 FEB 01
211	141-85-01	AM-22	c	5 FEB 01
214	141-85-01	AM-25	c	5 FEB 01
214a	141-85-01	AM-25a	c	5 FEB 01
228	141-85-01	AM-38	c	5 FEB 01
235	141-85-01	AM-45	c	5 FEB 01
240	141-85-01	SM-8	c	5 FEB 01
241	141-85-01	SM-9	c	5 FEB 01
243	141-85-01	SM-11	c	5 FEB 01
249	141-85-01	SM-17	c	5 FEB 01
251	141-85-01	SM-19	c	5 FEB 01
252	141-85-01	SM-20	c	5 FEB 01
265	141-85-01	MM-2	c	5 FEB 01
266	141-85-01	MM-3	c	5 FEB 01
267	141-85-01	MM-4	c	5 FEB 01
269	141-85-01	MM-6	c	5 FEB 01
270	141-85-01	MM-7	c	5 FEB 01
271	141-85-01	MM-8	c	5 FEB 01
272	141-85-01	MM-9	c	5 FEB 01
273	141-85-01	MM-10	c	5 FEB 01
275	141-85-01	MM-12	c	5 FEB 01
276	141-85-01	MM-13	c	5 FEB 01
277	141-85-01	MM-14	c	5 FEB 01
281	141-85-01	MM-18	c	5 FEB 01
289	141-85-01	EM-2	c	5 FEB 01
291	141-85-01	EM-4	c	5 FEB 01
292	141-85-01	EM-5	c	5 FEB 01
295	141-85-01	EM-8	c	5 FEB 01
296	141-85-01	EM-9	c	5 FEB 01

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FY00 MCA PN 46902 **PH2A4** WHOLE BARRACKS RENEWAL  
SCHOFIELD BARRACKS, OAHU, HAWAII  
**BUILDINGS "DN-1" "MS-1", "COF-1", "COF-2" AND "COF-3"**

<u>REV</u> <u>RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR</u>	<u>REVISION</u> <u>DATE</u>
1	722-10-05	TX-1	b,c	5 FEB 01
2	722-10-05	TX-2	b,c	5 FEB 01
3	722-10-05	TX-3	c	5 FEB 01
4	722-10-05	TX-4	b,c	5 FEB 01
5	722-10-05	TX-5	b,c	5 FEB 01
9	722-10-05	AD-2	c	5 FEB 01
10	722-10-05	AD-2c	c	5 FEB 01
18	722-10-05	AD-10	c	5 FEB 01
44	722-10-05	AD-36	c	5 FEB 01
45	722-10-05	AD-37	c	5 FEB 01
71	722-10-05	MD-2	b,c	5 FEB 01
75	722-10-05	MD-6	c	5 FEB 01
76	722-10-05	MD-7	c	5 FEB 01
77	722-10-05	MD-8	c	5 FEB 01
81	722-10-05	MD-12	c	5 FEB 01
83	722-10-05	MD-14	c	5 FEB 01
84	722-10-05	MD-15	c	5 FEB 01
98	722-10-05	MD-29	b,c	5 FEB 01
99	722-10-05	MD-30	b,c	5 FEB 01
100	722-10-05	MD-31	b,c	5 FEB 01
105	722-10-05	ED-5	c	5 FEB 01
113	722-10-05	ED-13	c	5 FEB 01
115	722-10-05	ED-15	c	5 FEB 01
116	722-10-05	ED-16	c	5 FEB 01
123	722-10-05	KD-1	b,c	5 FEB 01
124	722-10-05	KD-2	b,c	5 FEB 01
126	722-10-05	KD-4	b,c	5 FEB 01
137	722-10-05	AT-1	c	5 FEB 01
163	722-10-05	AT-26	c	5 FEB 01
183	722-10-05	MT-1	c	5 FEB 01
190	722-10-05	M5-8	c	5 FEB 01
204	722-10-05	AK-2	c	5 FEB 01
206	722-10-05	AK-4	c	5 FEB 01
207	722-10-05	AK-5	c	5 FEB 01
208	722-10-05	AK-6	c	5 FEB 01
214	722-10-05	AK-12	c	5 FEB 01
217	722-10-05	AK-15	c	5 FEB 01
218	722-10-05	AK-16	c	5 FEB 01
220	722-10-05	AK-18	c	5 FEB 01
223	722-10-05	AK-21	c	5 FEB 01
226	722-10-05	AK-24	c	5 FEB 01
228	722-10-05	AK-26	c	5 FEB 01

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231	722-10-05	AK-28	c	5 FEB 01
233	722-10-05	AK-30	c	5 FEB 01
239	722-10-05	AK-36	c	5 FEB 01
243	722-10-05	AK-40	c	5 FEB 01
246	722-10-05	AK-43	c	5 FEB 01
251	722-10-05	SK-5	c	5 FEB 01
266	722-10-05	MK-2	c	5 FEB 01
272	722-10-05	MK-8	c	5 FEB 01
273	722-10-05	MK-9	b,c	5 FEB 01
282	722-10-05	MK-18	c	5 FEB 01
287	722-10-05	EK-2	c	5 FEB 01
290	722-10-05	EK-5	c	5 FEB 01
293	722-10-05	EK-8	c	5 FEB 01
294	722-10-05	EK-9	c	5 FEB 01

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FY00 MCA PN 46902 **PH2A6** WHOLE BARRACKS RENEWAL  
SCHOFIELD BARRACKS, OAHU, HAWAII  
**CENTRAL PLANT "CP1-"**

<u>RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR</u>	<u>REVISION DATE</u>
3	811-10-03	ACP-1	c	5 FEB 01
12	811-10-03	SCP-4	c	5 FEB 01
18	811-10-03	MCP-2	c	5 FEB 01
21	811-10-03	MCP-5	c	5 FEB 01
24	811-10-03	MCP-8	c	5 FEB 01
28	811-10-03	ECP-1	c	5 FEB 01
29	811-10-03	ECP-2	c	5 FEB 01

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FY00 MCA PN 46902 **PH2A8** WHOLE BARRACKS RENEWAL  
SCHOFIELD BARRACKS, OAHU, HAWAII  
**CENTRAL PLANT CHILLER EQUIPMENT**

<u>REV</u>	<u>RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR</u>	<u>REVISION</u> <u>DATE</u>
	1	811-10-04	TCE-1	c	5 FEB 01
	2	811-10-04	MCE-1	c	5 FEB 01
	4	811-10-04	MCE-3	c	5 FEB 01
	5	811-10-04	MC3-4	c	5 FEB 01
	7	811-10-04	MCE-6	c	5 FEB 01
	11	811-10-04	MCE-10	c	5 FEB 01
	12	811-10-04	MCE-11	c	5 FEB 01
	14	811-10-04	MCE-13	c	5 FEB 01
	15	811-10-04	ECE-1	c	5 FEB 01
	16	811-10-04	ECE-2	c	5 FEB 01

4. The hour and date specified for receipt of Offers is extended.  
Offers are due March 15, 2001, 2:00 p.m. (Hawaii Standard Time).

<b>SOLICITATION, OFFER, AND AWARD</b> <i>(Construction, Alteration, or Repair)</i>	1. SOLICITATION NO. DACA83-01-R-0001	2. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)	3. DATE ISSUED 11/1/00	PAGE OF PAGES 1
	IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.			

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO.	6. PROJECT NO.
-----------------	-------------------------------------	----------------

7. ISSUED BY U. S. Army Engineer District, Honolulu Attn: CEPOH-CT-C Building 230 Fort Shafter, Hawaii 96858-5440	CODE	8. ADDRESS OFFER TO U. S. Army Engineer District, Honolulu Attn: CEPOH-CT-C Building 230 Fort Shafter, Hawaii 96858-5440  (Deliver hand-carried proposals to Building 200, Fort Shafter, Hawaii)
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9. FOR INFORMATION CALL	A. NAME Lynn Arakaki	B. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) (808)438-8564
-------------------------	-------------------------	--------------------------------------------------------------------------

**SOLICITATION**

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS (Title, identifying no., date):

FY00 MCA PN 46902, Whole Barracks Renewal, Phase 2A, Schofield Barracks, Oahu, Hawaii

11. The Contractor shall begin performance within 7 calendar days and complete it within 1078 calendar days after receiving  award,  notice to proceed. This performance period is  mandatory,  negotiable. (See clause 52.211-10.)

12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? <i>(If "YES," indicate within how many calendar days after award in Item 12B.)</i> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	12B. CALENDAR DAYS 14
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13. ADDITIONAL SOLICITATION REQUIREMENTS:

A. Sealed offers in original and 2 copies to perform the work required are due at the place specified in Item 8 by 2:00 pm HST (hour) local time 3/15/01 (date). If this is a sealed bid solicitation, offers will be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.

B. An offer guarantee  is,  is not required.

C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.

D. Offers providing less than 90 calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

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52.215-16 FACILITIES CAPITAL COST OF MONEY (OCT 1997)

Appendix A - Sample Small Business Subcontracting Plan

Appendix B - Price Breakdown

SECTION 00100 Instructions to Offerors

CLAUSES INCORPORATED BY FULL TEXT

52.204-6 DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER (JUN 99)

(a) Contractor identification is essential for complying with statutory contract reporting requirements. Therefore, the offeror is requested to enter, in the block with its name and address on the Standard Form 33 or similar document, the annotation "DUNS" followed by the DUNS number which identifies the offeror's name and address exactly as stated in the offer.

(b) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. A DUNS number will be provided immediately by telephone at no charge to the offeror. For information on obtaining a DUNS number, the offeror, if located within the United States, should call Dun and Bradstreet at 1-800-333-0505. The offeror should be prepared to provide the following information:

- (1) Company name.
- (2) Company address.
- (3) Company telephone number.
- (4) Line of business.
- (5) Chief executive officer/key manager.
- (6) Date the company was started.
- (7) Number of people employed by the company.
- (8) Company affiliation.

(c) Offerors located outside the United States may obtain the location and phone number of the local Dun and Bradstreet Information Services office from the Internet Home Page at <http://www.customerservice@dnb.com/>. If an offeror is unable to locate a local service center, it may send an e-mail to Dun and Bradstreet at [globalinfo@dnb.com](mailto:globalinfo@dnb.com).  
(End of provision)

252.204-7001 COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE REPORTING (AUG 199)

(a) The offeror is requested to enter its CAGE code on its offer in the block with its name and address. The CAGE code entered must be for that name and address. Enter "CAGE" before the number.

(b) If the offeror does not have a CAGE code, it may ask the Contracting Officer to request one from the Defense Logistics Information Service (DLIS). The Contracting Officer will--

- (1) Ask the Contractor to complete section B of a DD Form 2051, Request for Assignment of a Commercial and Government Entity (CAGE) Code;
- (2) Complete section A and forward the form to DLIS; and
- (3) Notify the Contractor of its assigned CAGE code.

(c) Do not delay submission of the offer pending receipt of a CAGE code.  
(End of provision)

52.211-2 AVAILABILITY OF SPECIFICATIONS LISTED IN THE DOD INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) AND DESCRIPTIONS LISTED IN THE ACQUISITION MANAGEMENT SYSTEMS AND DATA REQUIREMENTS CONTROL LIST, DOD 5010.12-L (DEC 1999)

Copies of specifications, standards, and data item descriptions cited in this solicitation may be obtained--

(a) From the ASSIST database via the Internet at <http://assist.daps.mil>; or

(b) By submitting a request to the--Department of Defense Single Stock Point (DoDSSP), Building 4, Section D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2667/2179, Facsimile (215) 697-1462.

(End of provision)

52.211-14 NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE (SEP 1990)

Any contract awarded as a result of this solicitation will be \_\_\_\_\_ DX rated order;  X  DO rated order certified for national defense use under the Defense Priorities and Allocations System (DPAS) (15 CFR 700), and the Contractor will be required to follow all of the requirements of this regulation. [Contracting Officer check appropriate box.]

(End of clause)

52.215-1 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (FEB 2000)

(a) Definitions. As used in this provision--

“Discussions” are negotiations that occur after establishment of the competitive range that may, at the Contracting Officer's discretion, result in the offeror being allowed to revise its proposal.

“In writing or written” means any worded or numbered expression which can be read, reproduced, and later communicated, and includes electronically transmitted and stored information.

“Proposal modification” is a change made to a proposal before the solicitation's closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.

“Proposal revision” is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Contracting Officer as the result of negotiations.

“Time”, if stated as a number of days, is calculated using calendar days, unless otherwise specified, and will include Saturdays, Sundays, and legal holidays. However, if the last day falls on a Saturday, Sunday, or legal holiday, then the period shall include the next working day.

(b) Amendments to solicitations. If this solicitation is amended, all terms and conditions that are not amended remain unchanged. Offerors shall acknowledge receipt of any amendment to this solicitation by the date and time specified in the amendment(s).

(c) Submission, modification, revision, and withdrawal of proposals. (1) Unless other methods

(e.g., electronic commerce or facsimile) are permitted in the solicitation, proposals and modifications to proposals shall be submitted in paper media in sealed envelopes or packages (i) addressed to the office specified in the solicitation, and (ii) showing the time and date specified for receipt, the solicitation number, and the name and address of the offeror. Offerors using commercial carriers should ensure that the proposal is marked on the outermost wrapper with the information in paragraphs (c)(1)(i) and (c)(1)(ii) of this provision.

(2) The first page of the proposal must show--

(i) The solicitation number;

(ii) The name, address, and telephone and facsimile numbers of the offeror (and electronic address if available);

(iii) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and agreement to furnish any or all items upon which prices are offered at the price set opposite each item;

(iv) Names, titles, and telephone and facsimile numbers (and electronic addresses if available) of persons authorized to negotiate on the offeror's behalf with the Government in connection with this solicitation; and

(v) Name, title, and signature of person authorized to sign the proposal. Proposals signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office.

(3) Submission, modification, or revision, of proposals.

(i) Offerors are responsible for submitting proposals, and any modifications, or revisions, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that proposal or revision is due.

(ii)(A) Any proposal, modification, or revision received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and--

(1) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or

(2) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or

(3) It is the only proposal received.

(B) However, a late modification of an otherwise successful proposal that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.

(iii) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(iv) If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the office designated for receipt of proposals by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(v) Proposals may be withdrawn by written notice received at any time before award. Oral proposals in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile proposals, proposals may be withdrawn via facsimile received at any time before award, subject to the conditions specified in the provision at 52.215-5, Facsimile Proposals. Proposals may be withdrawn in person by an offeror or an authorized representative, if the identity of the person requesting withdrawal is established and the person signs a receipt for the proposal before award.

(4) Unless otherwise specified in the solicitation, the offeror may propose to provide any item or combination of items.

(5) Offerors shall submit proposals in response to this solicitation in English, unless otherwise permitted by the solicitation, and in U.S. dollars, unless the provision at FAR 52.225-17, Evaluation of Foreign Currency Offers, is included in the solicitation.

(6) Offerors may submit modifications to their proposals at any time before the solicitation closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.

(7) Offerors may submit revised proposals only if requested or allowed by the Contracting Officer.

(8) Proposals may be withdrawn at any time before award. Withdrawals are effective upon receipt of notice by the Contracting Officer.

(d) Offer expiration date. Proposals in response to this solicitation will be valid for the number of days specified on the solicitation cover sheet (unless a different period is proposed by the offeror).

(e) Restriction on disclosure and use of data. Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, shall--

(1) Mark the title page with the following legend: This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed--in whole or in part--for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of--or in connection with-- the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [insert numbers or other identification of sheets]; and

(2) Mark each sheet of data it wishes to restrict with the following legend: Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

(f) Contract award. (1) The Government intends to award a contract or contracts resulting from this solicitation to the responsible offeror(s) whose proposal(s) represents the best value after evaluation in accordance with the factors and subfactors in the solicitation.

(2) The Government may reject any or all proposals if such action is in the Government's interest.

- (3) The Government may waive informalities and minor irregularities in proposals received.
- (4) The Government intends to evaluate proposals and award a contract without discussions with offerors (except clarifications as described in FAR 15.306(a)). Therefore, the offeror's initial proposal should contain the offeror's best terms from a cost or price and technical standpoint. The Government reserves the right to conduct discussions if the Contracting Officer later determines them to be necessary. If the Contracting Officer determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the Contracting Officer may limit the number of proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals.
- (5) The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit cost or prices offered, unless the offeror specifies otherwise in the proposal.
- (6) The Government reserves the right to make multiple awards if, after considering the additional administrative costs, it is in the Government's best interest to do so.
- (7) Exchanges with offerors after receipt of a proposal do not constitute a rejection or counteroffer by the Government.
- (8) The Government may determine that a proposal is unacceptable if the prices proposed are materially unbalanced between line items or subline items. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly overstated or understated as indicated by the application of cost or price analysis techniques. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Government.
- (9) If a cost realism analysis is performed, cost realism may be considered by the source selection authority in evaluating performance or schedule risk.
- (10) A written award or acceptance of proposal mailed or otherwise furnished to the successful offeror within the time specified in the proposal shall result in a binding contract without further action by either party.
- (11) The Government may disclose the following information in postaward debriefings to other offerors:
- (i) The overall evaluated cost or price and technical rating of the successful offeror;
  - (ii) The overall ranking of all offerors, when any ranking was developed by the agency during source selection;
  - (iii) A summary of the rationale for award; and
  - (iv) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.
- (End of provision)

52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a firm fixed price contract resulting from this solicitation.  
(End of clause)

52.219-24 SMALL DISADVANTAGED BUSINESS PARTICIPATION PROGRAM--TARGETS  
(OCT 2000)

(a) This solicitation contains a source selection factor or subfactor related to the participation of small disadvantaged business (SDB) concerns in the contract. Credit under that evaluation factor or subfactor is not available to an SDB concern that qualifies for a price evaluation adjustment under the clause at FAR 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns, unless the SDB concern specifically waives the price evaluation adjustment.

(b) In order to receive credit under the source selection factor or subfactor, the offeror must provide, with its offer, targets, expressed as dollars and percentages of total contract value, for SDB participation in any of the North American Industry Classification System (NAICS Industry Subsectors as determined by the Department of Commerce. The targets may provide for participation by a prime contractor, joint venture partner, teaming arrangement member, or subcontractor; however, the targets for subcontractors must be listed separately.  
(End of provision)

52.222-23 NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL  
EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (FEB 1999)

(a) The offeror's attention is called to the Equal Opportunity clause and the Affirmative Action Compliance Requirements for Construction clause of this solicitation.

(b) The goals for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Goals for minority participation for each trade	Goals for female participation for each trade
69.1%	6.9%

These goals are applicable to all the Contractor's construction work performed in the covered area. If the Contractor performs construction work in a geographical area located outside of the covered area, the Contractor shall apply the goals established for the geographical area where the work is actually performed. Goals are published periodically in the Federal Register in notice form, and these notices may be obtained from any Office of Federal Contract Compliance Programs office.

(c) The Contractor's compliance with Executive Order 11246, as amended, and the regulations in 41 CFR 60-4 shall be based on (1) its implementation of the Equal Opportunity clause, (2) specific affirmative action obligations required by the clause entitled "Affirmative Action Compliance Requirements for Construction," and (3) its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade. The Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor, or from project to project, for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, Executive Order 11246, as amended, and the regulations in 41 CFR 60-4. Compliance with the goals will be measured against the total work hours performed.

(d) The Contractor shall provide written notification to the Deputy Assistant Secretary for Federal Contract Compliance, U.S. Department of Labor, within 10 working days following award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the --

- (1) Name, address, and telephone number of the subcontractor;
- (2) Employer's identification number of the subcontractor;
- (3) Estimated dollar amount of the subcontract;
- (4) Estimated starting and completion dates of the subcontract; and
- (5) Geographical area in which the subcontract is to be performed.

(e) As used in this Notice, and in any contract resulting from this solicitation, the "covered area" is Schofield Barracks, Oahu, Hawaii.

**52.225-12 NOTICE OF BUY AMERICAN ACT/BALANCE OF PAYMENTS PROGRAM REQUIREMENT-- CONSTRUCTION MATERIALS UNDER TRADE AGREEMENTS (FEB 2000)**

(a) Definitions. Construction material, designated country construction material, domestic construction material, foreign construction material, and NAFTA country construction material, as used in this provision, are defined in the clause of this solicitation entitled "Buy American Act--Balance of Payments Program--Construction Materials under Trade Agreements" (Federal Acquisition Regulation (FAR) clause 52.225-11).

(b) Requests for determination of inapplicability. An offeror requesting a determination regarding the inapplicability of the Buy American Act or Balance of Payments Program should submit the request to the Contracting Officer in time to allow a determination before submission of offers. The offeror shall include the information and applicable supporting data required by paragraphs (c) and (d) of FAR clause 52.225-11 in the request. If an offeror has not requested a determination regarding the inapplicability of the Buy American Act or Balance of Payments Program before submitting its offer, or has not received a response to a previous request, the offeror shall include the information and supporting data in the offer.

(c) Evaluation of offers. (1) The Government will evaluate an offer requesting exception to the requirements of the Buy American Act or Balance of Payments Program, based on claimed unreasonable cost of domestic construction materials, by adding to the offered price the appropriate percentage of the cost of such foreign construction material, as specified in paragraph (b)(4)(i) of FAR clause 52.225-11.

(2) If evaluation results in a tie between an offeror that requested the substitution of foreign construction material based on unreasonable cost and an offeror that did not request an exception, the Contracting Officer will award to the offeror that did not request an exception based on unreasonable cost.

(d) Alternate offers. (1) When an offer includes foreign construction material, other than designated country or NAFTA country construction material, that is not listed by the Government in this solicitation in paragraph (b)(3) of FAR clause 52.225-11, the offeror also may submit an alternate offer based on use of equivalent domestic, designated country, or NAFTA country construction material.

(2) If an alternate offer is submitted, the offeror shall submit a separate Standard Form 1442 for the alternate offer, and a separate price comparison table prepared in accordance with

paragraphs (c) and (d) of FAR clause 52.225-11 for the offer that is based on the use of any foreign construction material for which the Government has not yet determined an exception applies.

(3) If the Government determines that a particular exception requested in accordance with paragraph (c) of FAR clause 52.225-11 does not apply, the Government will evaluate only those offers based on use of the equivalent domestic, designated country, or NAFTA country construction material, and the offeror shall be required to furnish such domestic, designated country, or NAFTA country construction material. An offer based on use of the foreign construction material for which an exception was requested--

(i) Will be rejected as nonresponsive if this acquisition is conducted by sealed bidding; or

(ii) May be accepted if revised during negotiations.  
(End of provision)

#### 52.233-2 SERVICE OF PROTEST (AUG 1996)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from:

U.S. Army Engineer District, Honolulu  
Corps of Engineers, Bldg 230  
ATTN: Directorate of Contracting, CEPOH-CT  
Fort Shafter, HI 96858-5440

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.  
(End of provision)

#### 52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995) – ALTERNATE I (FEB 1995)

(a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.

(b) An organized site visit has been scheduled for January 10, 2001, 9:00 a.m. Identify facilities that you would like access to; arrangements will be made to accommodate your request as much as possible. Please furnish your request by December 4, 2000 to the address in S-36.4, Pre-Proposal Conference.

(c) Participants will meet at Quad K, Building 860, Schofield Barracks, Hawaii.

#### 52.236-28 PREPARATION OF PROPOSALS--CONSTRUCTION (OCT 1997)

(a) Proposals must be (1) submitted on the forms furnished by the Government or on copies of those forms, and (2) manually signed. The person signing a proposal must initial each erasure or change appearing on any proposal form.

(b) The proposal form may require offerors to submit proposed prices for one or more items on various bases, including--

- (1) Lump sum price;
- (2) Alternate prices;
- (3) Units of construction; or
- (4) Any combination of paragraphs (b)(1) through (b)(3) of this provision.

(c) If the solicitation requires submission of a proposal on all items, failure to do so may result in the proposal being rejected without further consideration. If a proposal on all items is not required, offerors should insert the words "no proposal" in the space provided for any item on which no price is submitted.

(d) Alternate proposals will not be considered unless this solicitation authorizes their submission.  
(End of provision)

#### S-36.4 PRE-PROPOSAL CONFERENCE (JUL 1995)

a. A pre-proposal conference will be conducted by the Government on January 10, 2001 starting at 1:00 p.m. at Building 230, Room 322, Fort Shafter, Hawaii. All planholders (prime contractors, subcontractors, and suppliers) are urged to attend this conference. Planholders who plan to attend should notify the Government of the number of attendees by January 2, 2001. Notification can be made as follows:

- (1) Facsimile: (808) 438-8588  
Point of Contact: Lynn Arakaki
- (2) Mail: U.S. Army Engineer District, Honolulu  
Corps of Engineers, Bldg 230  
ATTN: CEPOH-CT-C (Lynn Arakaki)  
Fort Shafter, Hawaii 96858-5440

b. Any questions planholders may have concerning the project, plans, or specifications should be submitted in writing, on letterhead stationery, sufficiently in advance of the conference, to permit preparation of answers, which will be provided at the conference. The questions should be faxed as soon as possible, and followed by an original through mail. Use the facsimile number and address shown in paragraph a. above. During the conference, written, signed questions will be accepted, and will be answered during the conference if time permits.

c. Questions raised by planholders and answers provided by the Government, will be furnished to all planholders. However, any answer, clarification, or explanation given at the conference will not qualify or change the terms of the request for proposal (including the plans and specifications). Unless the request for proposal is amended in writing, it will remain unchanged. If an amendment to the request for proposal is issued as a result of the conference, normal procedures relating to issuance and acknowledgement of receipt will apply.

d. All costs incurred to attend and participate in the pre-proposal conference and any site visits (see paragraph e. below) will be at the expense of the planholder. This includes, but is not limited to, the cost of transportation, per diem, and hotel accommodations.

e. Refer to provision entitled SITE VISIT (CONSTRUCTION) in Section 00100 for information on the pre-proposal site visit.

[End of Statement]

S-36.2 MAGNITUDE OF THE PROPOSED PROJECT [FAR 36.204]

(a) Physical Characteristics:

Work will consist of the construction of two multi-story barracks for 400 soldiers (approximately 130,000 sf), a soldiers community building (approximately 17,000 sf), six company operations buildings (approximately 96,000 sf), two battalion headquarters buildings (approximately 31,000 sf), remote switching building (approximately 1,000 sf), dining facility for 1,300 soldiers, training building (approximately 13,000 sf), central chill/hot water plant, roads, parking, utilities, landscaping and associated appurtenances.

(b) Estimated Price Range: The estimated price range of this work is between \$25,000,000.00 and \$100,000,000.00.

[End of Statement]

S-3 PRE-AWARD INFORMATION

~~Each bidder or offeror shall, upon request of the contracting officer, furnish information on whether he is now or ever has been engaged in any work similar to that covered by the specifications herein, the dollar value thereof, the year in which such work was performed, and the manner of its execution, and giving such other information as will tend to show the bidder's or offeror's ability to prosecute the required work. The 'such other information' referred to above shall include but is not limited to the following:~~

~~a. The name and address of the office or firm under which such similar work was performed.~~

~~b. A list of key personnel available for the instant project and their qualifications.~~

~~c. A copy of bidder's or offeror's last three (3) financial statements, including the names of banks or other financial institutions with which the bidder or offeror conducts business. If the latest financial statement is more than 60 days old, a certificate should be attached stating that the financial condition is substantially the same, or if not the same, the changes that have taken place. Such statement will be treated as confidential.~~

~~d. A list of present commitments, including the dollar value thereof, and name of office under which the work is being performed.~~

~~\_\_\_\_\_ [End of Statement]~~

S-28.3 PENAL SUM AND FORM OF OFFER GUARANTEE

(Applicable to offers exceeding \$100,000)

Each offeror shall submit with its offer a separate offer guarantee using Standard Form 24, Bid Bond, with good and sufficient surety or sureties acceptable to the Government, or other security as provided in the clause entitled OFFER GUARANTEE in the CONTRACT CLAUSES section. This security shall be in the form of twenty percent (20%) of the offered price or three million dollars (\$3,000,000), whichever is less. The penal sum of the bond may be expressed in terms of a percentage of the offered price or may be expressed in dollars and cents.

Failure to submit a offer guarantee by the time and date set for receipt of proposals may be cause for rejection of a proposal, except as provided in provision 52.215-1, Instructions to Offerors-- Competitive Acquisition.

[End of Statement]

S-2 ASBESTOS ABATEMENT (AUG 1996)

Asbestos abatement is part of the scope of work for the proposed contract. Refer to paragraphs entitled, "ASBESTOS --- (OCCUPATIONAL HEALTH AND ENVIRONMENTAL)" in Section 00800 and applicable sections of the technical specifications and drawings. The Contractor shall inform responsible representatives of their insurer(s)/surety(ies) that asbestos abatement is required for the proposed contract.

[End of Statement]

S-19.3 SMALL DISADVANTAGED BUSINESS GOAL FOR SMALL BUSINESS SUBCONTRACTING PLAN

When a small business subcontracting plan is required by FAR clause entitled, "SMALL BUSINESS SUBCONTRACTING PLAN", the minimum goal that will be accepted for subcontracting with Small Disadvantaged Business is five percent (5%).

[End of Statement]

S-19.1 APPROVAL OF SUBCONTRACTING PLAN

If the Contract Clause in this solicitation entitled "Small Business Subcontracting Plan" or its Alternate I or II applies, no award will be made until the subcontracting plan under the stated clause is approved. See sample Small Business Subcontracting Plan at Appendix A.

[End of Statement]

PRICE BREAKDOWN OF PROPOSAL SCHEDULE

An original and a copy of the offeror's price breakdown in the format as set forth in Appendix B of this section shall be submitted with the offeror's proposal schedule.

EVALUATION FACTORS FOR AWARD

I. GENERAL:

1.1 Cost of Preparing Proposals: The Government will not reimburse any Offeror its costs incurred in submitting an offer in response to this solicitation.

1.2 Inquires: Address all inquiries regarding this Request for Proposals to:

U.S. Army Engineer District, Honolulu  
Attn: Ms. Lynn Arakaki (CEPOH-CT-C)  
Building S-200  
Fort Shafter, Hawaii 96858-5440  
Phone No. (808) 438-8564  
Fax No. (808) 438-8588  
E-Mail: lynn.arakaki@usace.army.mil

1.3 Proposal submission and sequence of evaluation:

1.3.1 The Government will evaluate offers in accordance with the NON-PRICE EVALUATION FACTORS (the technical proposal) and the offeror's price, as set forth in this Provision.

1.3.2 During proposal evaluation, the NON-PRICE EVALUATION FACTORS will be point scored by a Source Evaluation Board (SEB).

1.3.3 The Offeror's price proposal will not be point scored, but will be evaluated, separately from the offeror's technical proposal. The Government shall compare the competing prices proposed by all the offerors, together with the Government's Estimate, to establish price reasonableness. Cost analysis will not likely be performed under this solicitation, however, the offerors' cost breakdown will be evaluated. Each offer's price proposal will be considered approximately equally weighted to the offeror's technical proposal.

1.3.4 Upon completion of separate evaluation of all technical and price proposals, the SEB will then evaluate each Offeror's technical and price proposal together, determining the relative strengths, deficiencies, significant weaknesses and risks that each total proposal presents to the Government. The Government will make award to the Offeror whose proposal represents the best value to the government, considering both price and non-price factors. In its evaluation of all the offers, the Government will weight price and technical offers approximately equally, but may give greater consideration to technical factors when price offers tend to be equal and may give greater consideration to price when technical offers tend to be equal.

1.3.5 Upon completion of evaluation of all proposals and their ranking, the Contracting Officer will, in accordance with the provisions of this solicitation and applicable acquisition regulations, proceed to award without discussions. Offerors are advised that the Government intends to award without discussions. However, if discussions are determined to be necessary, the Contracting Officer will establish a competitive range and conduct discussions with those Offerors within the competitive range. Upon conclusion of discussions, if necessary, the Contracting Officer will request final proposal revisions from the Offerors remaining in the competitive range and may, upon receipt of final proposal revisions, proceed to award a contract without further discussions or notice.

## 2. PROPOSAL SUBMISSION REQUIREMENTS

### 2.1 General Requirements for Proposals:

#### 2.1.1 Submission requirements for proposals.

##### 2.1.1.1 Technical Proposals:

Submit one (1) original proposal and four (4) copies, in the format for Technical Proposals as set forth in this Provision.

##### 2.1.1.2 Price Proposals:

2.1.1.2.1 Complete and submit one (1) original and two (2) copies of Section 00010, the Price Proposal Schedule, which is found in this solicitation.

2.1.1.2.2 Submit one (1) original and one (1) copy of the Offeror's Price Breakdown in the format as set forth in Appendix B to Section 00100. Indicate on the Price Breakdown whether or not Facilities Capital Cost of Money is included in the contractor's costs of performing the work. Proposals that state that Facilities Capital Cost of Money is not included in the contractor's costs of performing the work—or proposals that don't state anything at all about Facilities Capital Cost of Money—will be deemed to have waived Facilities Capital Cost of Money.

##### 2.1.1.2.3 Submit with the Price Proposal:

2.1.1.2.3.1 One (1) original and two (2) copies of the Offeror's completed Standard Form (SF) 1442, using a printed copy of the SF 1442 that has been issued under this solicitation;

2.1.1.2.3.2 One (1) copy (certified as a true copy) of the Offeror's executed joint venture agreement (if the Offeror is a joint venture);

2.1.1.2.3.3 One (1) copy of the Offeror's completed Section 00600, Representations and Certifications, using a printed copy of Section 00600 that has been issued under this solicitation; and

2.1.1.2.3.4 One (1) copy of the Offeror's completed (if applicable) SF LLL, Disclosure of Lobbying Activities, using a printed copy of the SF LLL which is found in Appendix A to Section 00600.

2.1.1.2.3.5 One (1) copy of the Offeror's Small Business Subcontracting Plan if the Offeror is a large business concern. A sample plan can be found in Appendix A to Section 00100.

## 2.2 Format Requirements for Proposals:

2.2.1 Any information, presented with a proposal that an Offeror wants to have safeguarded from disclosure to other parties must be identified and labeled in accordance with the requirements of Provision "52.215-1, Instructions to Offerors—Competitive Acquisition (Feb 2000)," subparagraph (e), which is found in Section 00100 of this solicitation. The Government will endeavor to honor the restrictions against release requested by Offerors, to the extent permitted under United States law and regulations.

2.2.2 Prepare proposals in the English language.

2.2.3 Type or print all information presented in the proposal, to the extent possible. Use clear, simple English letters and numbers. Laser printer-quality printing is adequate for the proposals. Elaborate calligraphy is not desired. Do not use size printing or typing less than 10 pitch (United States). Use black characters on white paper as much as possible. Color should be used for clarity, not for purposes of decoration. Do not use colors that do not reproduce legibly using standard office or commercial facsimile or copying machines. Prepare technical proposals on standard (United States), letter-sized (8.5 x 11 inches) or substantially similar international/metric-sized pages. Use only one side of the page. Use non-glossy paper of good weight and quality. Expensive or elaborate paper stock is not desired.

2.2.4 Submit proposal packages to the US Army Corps of Engineers ("the Government") as shown in Block 8 of Standard Form 1442.

2.2.5 Proposals received by the Government after the date and time set for receipt of proposals will be handled in accordance with the requirements of Provision "52.215-1, Instructions to Offerors—Competitive Acquisition (Feb 2000)," subparagraph (c), found in Section 00100.

## 2.3 Specific Requirements for Technical Proposals:

2.3.1 Submit technical proposals in a narrative format, organized and titled so that each section of the proposal follows the order and format of the factors and subfactors set forth below in paragraph 4. "Technical Evaluation Factors and Submission Requirements."

2.3.2 Information presented in the technical proposal should be sufficiently detailed in order to clearly describe how the technical proposal addresses the technical proposal evaluation factors. Professional looking and well organized (as opposed to poorly prepared and haphazardly organized) proposals will likely be considered to reflect more favorably on the capabilities of the Offeror; however, it is not the Government's intent to require elaborate "magazine-style" proposals. It is not necessary, nor desired, that Offerors prepare elaborate or lengthy proposals.

2.3.3 There is no limit to the size of technical proposals, or the amount of information that may be submitted to the Government. However, information should be concisely presented, to the extent possible. Information presented should be organized so as to pertain to only the evaluation factor or subfactor in which section the information is presented. Information pertaining to more than one evaluation factor or subfactor should be repeated for each factor or subfactor.

2.3.4 The proposal must set forth full, accurate, and complete information as required by this solicitation. The Government will rely on such information in the award of a contract. By submission of an offer, the Offeror agrees that all items in its proposal (key managerial and technical home office and on-site personnel, subcontractors, targets for utilization of eligible SDB concerns, etc.) will be used throughout the duration of the contract and any substitutions of items will require prior approval by the Contracting Officer.

3. TOTAL POINTS AVAILABLE UNDER ALL EVALUATION FACTORS

3.1 Total number of eligible points under all evaluation factors: 1000.

3.2 Break-down of eligible points under individual evaluation factors:

<u>Evaluation Factor</u> <u>Subfactor</u>	<u>Total Eligible Points</u>
(1) - Past Performance/Experience	(600 Total)
(1)(a) - Offeror's past performance history in completing projects of similar scope, dollar value, and complexity during the past 5 years.	400
(1)(b) - Offeror's experience in completing projects of similar scope, dollar value, and complexity in the past 5 years.	200
(2) – Personnel experience, qualifications and organization.	(300 Total)
(2)(a) - Experience and qualifications of the Offeror's proposed key managerial and technical home office and on-site personnel to be used for the project that demonstrate the Offeror's ability to provide quality work within the project completion period, for the price offered.	200
(2)(b) – The Offeror's proposed home office and on-site organization structure to be	100

used under the contract that demonstrates the Offeror's ability to provide quality work within the contract completion period, for the price offered.

(3) - Small Business Program.	(100 Total)
(3)(a) - Extent of proposed participation of Small Businesses, Small Disadvantaged Business, Veteran-owned Small Business, HUBZone Small Business, Women-Owned Small Business concerns and Historically Black Colleges or Universities/Minority Institutions in the performance of the contract.	20
(3)(b) - Extent of participation of those proposed Small Businesses, Small Disadvantaged Business, Veteran-owned Small Business, HUBZone Small Businesses, Women-Owned Small Business concerns and Historically Black Colleges or Universities/Minority Institutions —listed under evaluation criteria 3(a) above —in terms of the value of the total acquisition.	20
3(c) - Extent of participation of eligible Small Disadvantaged Business concerns, in the performance of the contract.	60
3(c)(1) - Targets for utilization of eligible SDB concerns, expressed as dollars and percentages of total contract value in each of the applicable authorized SIC Major Groups.	20
3(c)(2) - SDB participation by the contractor, including joint venture partners and team members.	20
3(c)(3) - Proposed eligible SDB concern participation by subcontractors.	20

**4. TECHNICAL EVALUATION FACTORS AND SUBMISSION REQUIREMENTS**

4.1 Evaluation Factor (1) - Past Performance/Experience

4.1.1 Subfactor (1)(a) - Offeror's past performance history in completing projects of similar scope, dollar value, and complexity during the past 5 years.

4.1.1.1 Submission Requirements for Evaluation Subfactor (1)(a) – Provide the following for each applicable project (including projects with the Federal, State, and Municipal Governments and private industry):

4.1.1.1.1 Contract Number, Project Description and Location,

Telephone Number, 4.1.1.1.2 Contracting Officer/Owner's Point of Contact,

4.1.1.1.3 Original Contract Amount,

4.1.1.1.4 Final Contract Amount,

4.1.1.1.5 Final Completion Date (as established by contract modifications),

4.1.1.1.6 Actual Completion Date (date work accepted by Government or customer),

4.1.1.1.7 Estimated Percentage of Actual Construction Work that the Prime Contractor and its employees performed on the project,

4.1.1.1.8 Interim or Final Performance evaluation (if customer was the Federal Government, submit Standard Form 1420),

4.1.1.1.9. Letters of Appreciation/Commendation and Awards. Letters or other communications generated specifically for purposes of this solicitation may not be given as much weight as evaluations and other communications that are generated in the ordinary course of business.

4.1.1.1.10 Offerors that report an adverse or unfavorable interim or final performance evaluation should attach a narrative that explains, rebuts or describes lessons learned from the adverse or unfavorable evaluation.

4.1.1.1.11 If the Offeror proposes to subcontract part of the work, provide the same information as required above for Offeror's proposed subcontractors. This applies to any subcontractor which the offeror expects to perform more than 20 percent of the work under the contract, in terms of the relation of the subcontractor's price of doing the work compared to the offeror's overall cost of doing the work. Regardless of the percentage of the work they may undertake, the evaluation factor also applies to any electrical, mechanical, roofing or masonry subcontractor.

4.1.1.1.12 For each completed project which the Offeror identifies as an example of past performance, describe the completed project's past performance relevance to the current, proposed project in terms of the Offeror's proposed use of the same key management personnel and subcontractors (including the proposed use of the same key personnel for subcontractors and the use of any same lower tier subcontractors).

4.1.1.2 The information provided by the Offeror will provide the major portion of the information used in the Government's evaluation for past performance. The Government may use other sources to assess past performance information such as the Construction Contractor Appraisal Support System (CCASS) and inquiries with previous customers/owners.

4.1.2 Subfactor (1)(b) - Offeror's experience in completing projects of similar scope, dollar value, and complexity in the past 5 years.

4.1.2.1 Submission Requirements for Evaluation Subfactor (1)(b) -

4.1.2.1.1 Describe projects of similar scope, dollar value, and complexity, on-going or completed within the past 5 years.

4.1.2.1.2 State why or how the Offeror's experience with the described projects is relevant to the Offeror's expectation of successful completion of this project.

4.1.2.1.3 If the Offeror proposes to subcontract part of the work, provide the same information as required above for the proposed subcontractors. This applies to any subcontractor which the offeror expects to perform more than 20 percent of the work under the contract, in terms of the relation of the subcontractor's price of doing the work compared to the offeror's overall cost of doing the work. Regardless of the percentage of the work they may undertake, the evaluation factor also applies to any electrical, mechanical, roofing or masonry subcontractor.

#### 4.2 Evaluation Factor (2) – Personnel experience, qualifications and organization.

4.2.1 Subfactor (2)(a) - Experience and qualifications of the Offeror's proposed key managerial and technical home office and on-site personnel to be used for the project that demonstrate the Offeror's ability to provide quality work within the project completion period, for the price offered.

##### 4.2.1.1 Submission Requirements for Evaluation Subfactor (2)(a) –

4.2.1.1.1 Identify the key managerial and technical home office and on-site personnel who will be assigned to work under the contract.

4.2.1.1.2 For each person so identified, provide a resume or other information that describes his or her qualifications for the job(s) that the person will be performing, including any special skills or experiences deemed worthy of note.

4.2.1.1.3 Describe each person's familiarity with U.S. Government construction procedures, including Contractor Quality Control (CQC) procedures, if applicable to the position the person is to hold within Offeror's organization.

4.2.1.1.4 For all named, proposed subcontractors in Offeror's proposal, provide the same information as required in the preceding paragraphs for the subcontractors' proposed key managerial and technical home office and on-site personnel. This applies to any subcontractor which the offeror expects to perform more than 20 percent of the work under the contract, in terms of the relation of the subcontractor's price of doing the work compared to the offeror's overall cost of doing the work. Regardless of the percentage of the work they may undertake, the evaluation factor also applies to any electrical, mechanical, roofing or masonry subcontractor.

4.2.2 Subfactor (2)(b) – The Offeror's proposed home office and on-site organization structure to be used under the contract that demonstrates the Offeror's ability to provide quality work within the contract completion period, for the price offered.

##### 4.2.2.1 Submission Requirements for Evaluation Subfactor (2)(b) –

4.2.2.1.1 Describe the Offeror's proposed home office and job site organization.

4.2.2.1.2 Describe how the Offeror intends to monitor and control timeliness, quality and safety of the work at the job site, including the work of the subcontractors.

4.2.2.1.3 Incorporate into the description an organizational chart for home office and on-site managerial and technical staff, tying in the identities of the key managerial and technical personnel that are described in Subfactor (2)(a).

4.2.2.1.4. For all named, proposed subcontractors in Offeror's proposal, provide the same information as required in the preceding paragraphs for the subcontractors' proposed home office and on-site organization structure. This applies to any subcontractor which the offeror expects to perform more than 20 percent of the work under the contract, in terms of the relation of the subcontractor's price of doing the work compared to the offeror's overall cost of doing the work. Regardless of the percentage of the work they may undertake, the evaluation factor also applies to any electrical, mechanical, roofing or masonry subcontractor.

#### 4.3 Evaluation Factor (3) - Small Business Program.

4.3.1 Subfactor (3)(a) - Extent of proposed participation of Small Businesses, Small Disadvantaged Business, Veteran-owned Small Business, HUBZone Small Business, Women-Owned Small Business concerns and Historically Black Colleges or Universities/Minority Institutions in the performance of the contract.

##### 4.3.1.1 Submission Requirements for Evaluation Subfactor (3)(a) -

4.3.1.1.1 Provide a list of names, addresses and telephone numbers of Small Businesses, Small Disadvantaged Businesses, Veteran-owned Small Businesses, HUBZone Small Businesses, Women-Owned Small Businesses and Historically Black Colleges or Universities/Minority Institutions which the Offeror proposes to use as a joint venture, teaming arrangement, or subcontractor if awarded a contract under this solicitation.

Note: Incorporate the list of proposed subcontractors under paragraph 4.3.1.1.1 into the Offeror's Small Business Subcontracting Plan, which is required under Clause 52.219-9 Small Business Subcontracting Plan (Oct 2000), Alternate II (Oct 2000).

4.3.1.1.2 Identify for each named proposed Small Business, Small Disadvantaged Business, Veteran-owned Small Business, HUBZone Small Business, Women-Owned Small Business, or Historically Black College or University/Minority Institution, whether the named party is a joint venture partner with the Offeror, has a teaming arrangement with the Offeror, or is a subcontractor of the Offeror.

4.3.2 Subfactor (3)(b) - Extent of participation of those proposed Small Businesses, Small Disadvantaged Business, Veteran-owned Small Business, HUBZone Small Businesses, Women-Owned Small Business concerns and Historically Black Colleges or Universities/Minority Institutions—listed under evaluation criteria 3(a) (paragraph 4.3.1.1.1)—in terms of the value of the total acquisition.

##### 4.3.2.1 Submission Requirements for Evaluation Subfactor (3)(b) -

4.3.2.1.1 For each proposed Small Businesses, Small Disadvantaged Business, Veteran-owned Small Business, HUBZone Small Business, Women-Owned Small Business concern or Historically Black College or Universities/Minority Institution, provide:

4.3.2.1.2 The total estimated dollar amount of each proposed concern's joint venture or teaming arrangement share of contract proceeds or amount of the proposed concern's subcontract.

4.3.2.1.3 The estimated percentage (expressed as a percentage of the overall proposed contract price) of the value of all proposed joint ventures, teaming arrangements or subcontracts with Small Businesses, Small Disadvantaged Businesses,

Veteran-owned Small Businesses, HUBZone Small Businesses, Women-Owned Small Business concerns or Historically Black Colleges or Universities/Minority Institutions.

4.3.3 Subfactor (3)(c) - Extent of participation of Eligible Small Disadvantaged Business concerns, in the performance of the contract.

Note: "Eligible Small Disadvantaged Business concerns" shall be those Small Disadvantaged Business concerns within industries identified in the Standard Industrial Classification (SIC) Major Groups, as determined by the Department of Commerce, in 64 FR 52806, September 30, 1999.

4.3.3.1. Subfactor (3)(c)(1) - Targets for utilization of Eligible Small Disadvantaged Business concerns, expressed as dollars and percentages of total contract value in each of the applicable authorized SIC Major Groups.

4.3.3.1.1 Submission Requirements for Evaluation Subfactor (3)(c)(1) - A narrative statement, containing proposed targets, expressed as dollars and percentages of Offeror's proposed total contract price for each applicable authorized SIC Major Group, proposed for use under the contract. Identify any Eligible Small Disadvantaged Business concern proposed for subcontracting under the project.

4.3.3.2 Subfactor (3)(c)(2) - Small Disadvantaged Business participation by the contractor, including joint venture partners and team members.

4.3.3.2.1 Submission Requirements for Evaluation Subfactor (3)(c)(2) - Submit a narrative statement identifying—if applicable—the Offeror's status as an Eligible Small Disadvantaged Business concern, or as a joint venture partnership or teaming arrangement containing Eligible Small Disadvantaged Business concerns. Identify all proposed joint venture partners or team members which are Eligible Small Disadvantaged Business concerns.

4.3.3.3 Subfactor (3)(c)(3) - Proposed Eligible Small Disadvantaged Business concern participation by subcontractors.

4.3.3.3.1 Submission Requirements for Evaluation Subfactor (3)(c)(3) - Submit a narrative statement identifying (if applicable) proposed Eligible Small Disadvantaged Business concerns with whom the Offeror intends to subcontract.

#### 52.215-16 FACILITIES CAPITAL COST OF MONEY (OCT 1997)

(a) Facilities capital cost of money will be an allowable cost under the contemplated contract, if the criteria for allowability in subparagraph 31.205-10(a)(2) of the Federal Acquisition Regulation are met. One of the allowability criteria requires the prospective contractor to propose facilities capital cost of money in its offer.

(b) If the prospective Contractor does not propose this cost, the resulting contract will include the clause Waiver of Facilities Capital Cost of Money.  
(End of provision)

## LIST OF DRAWINGS

Drawings Dated 29 September 2000

**FY00 PN46902 PH2A2 WHOLE BARRACKS RENEWAL  
SCHOFIELD BARRACKS, OAHU, HAWAII  
BUILDINGS “BN-1”, “BK-1”, “SCB-1”, “RSC”, “BN-2”, “BK-2”**

RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
1	721-11-14	TW-1	TITLE SHEET; LOCATION MAP; VICINITY MAP
2	721-11-14	TW-2	ARCHITECTURAL ABBREVIATIONS, SYMBOLS; AND GENERAL NOTES
3	721-11-14	TW-3	“BN-1” SCHEDULE OF DRAWINGS
4	721-11-14	TW-4	“BK-1” SCHEDULE OF DRAWINGS
5	721-11-14	TW-5	“SCB-1” SCHEDULE OF DRAWINGS
6	721-11-14	TW-6	“RSC” SCHEDULE OF DRAWINGS
7	721-11-14	TW-7	“BN-2” SCHEDULE OF DRAWINGS
8	721-11-14	TW-8	“BK-2” SCHEDULE OF DRAWINGS
9	721-11-14	TW-9	SITE KEY PLAN
10	721-11-14	TW-10	MECHANICAL CHILLER ENCLOSURE PLANS, SECTIONS & ELEVATIONS (NOT USED)
11	721-11-14	AW-1	FIRST FLOOR PLAN
12	721-11-14	AW-2	FIRST FLOOR DIMENSIONED PLAN
13	1721-11-14	AW-3	FIRST FLOOR PLAN-SIGNAGE, WINDOW TREATMENT & FLOOR FINISHES
14	721-11-14	AW-4	SECOND FLOOR PLAN
15	721-11-14	AW-5	SECOND FLOOR DIMENSIONED PLAN
16	721-11-14	AW-6	SECOND FLOOR PLAN-SIGNAGE, WINDOW TREATMENT & FLOOR FINISHES
17	721-11-14	AW-7	FIRST FLOOR REFLECTED CEILING PLAN
18	721-11-14	AW-8	SECOND FLOOR REFLECTED CEILING PLAN
19	721-11-14	AW-9	ROOF PLAN
20	721-11-14	AW-10	EXTERIOR ELEVATIONS
21	721-11-14	AW-11	BUILDING SECTIONS

FY00 PN46902 WHOLE BARRACKS RENEWAL, SCHOFIELD BARRACKS, OAHU, HAWAII

RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
22	721-11-14	AW-12	WALL SECTIONS
23	721-11-14	AW-13	WALL SECTIONS
24	721-11-14	AW-14	WALL SECTIONS
25	721-11-14	AW-15	WALL SECTIONS
26	721-11-14	AW-16	WALL SECTIONS
27	721-11-14	AW-17	WALL SECTIONS
28	721-11-14	AW-18	DETAIL FLOOR PLANS, DETAIL TOILET PLAN (RM 215)
29	721-11-14	AW-19	STAIR PLANS, SECTION & DETAILS
30	721-11-14	AW-20	ELEVATOR SECTION & DETAILS
31	721-11-14	AW-21	ROOM FINISH SCHEDULE, TOILET ACCESSORIES MOUNTING HEIGHT
32	721-11-14	AW-22	TOILET INTERIOR ELEVATIONS
33	721-11-14	AW-23	INTERIOR ELEVATIONS
34	721-11-14	AW-24	INTERIOR ELEVATIONS
35	721-11-14	AW-25	INTERIOR ELEVATIONS
36	721-11-14	AW-26	INTERIOR ELEVATIONS
37	721-11-14	AW-27	INTERIOR ELEVATIONS
38	721-11-14	AW-28	INTERIOR ELEVATIONS
39	721-11-14	AW-29	DOOR TYPES AND SCHEDULE
40	721-11-14	AW-30	WINDOW TYPES AND SCHEDULE
41	721-11-14	AW-31	WINDOW AND DOOR DETAILS
42	721-11-14	AW-32	WINDOW AND DOOR DETAILS
43	721-11-14	AW-33	DOOR DETAILS
44	721-11-14	AW-34	DOOR DETAILS AND HARDWARE SETS
45	721-11-14	AW-35	PARTITION DETAILS
46	721-11-14	AW-36	MISCELLANEOUS DETAILS
47	721-11-14	AW-37	MISCELLANEOUS DETAILS
48	721-11-14	AW-38	MISCELLANEOUS DETAILS
49	721-11-14	AW-39	MISCELLANEOUS DETAILS
50	721-11-14	AW-40	MISCELLANEOUS DETAILS
51	721-11-14	AW-41	MISCELLANEOUS DETAILS
52	721-11-14	AW-42	MISCELLANEOUS DETAILS
53	721-11-14	AW-43	INTERIOR SIGNAGE SCHEDULE

FY00 PN46902 WHOLE BARRACKS RENEWAL, SCHOFIELD BARRACKS, OAHU, HAWAII

RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
54	721-11-14	AW-44	INTERIOR SIGN DETAILS
55	721-11-14	AW-45	COLOR AND MATERIAL SCHEDULE
56	721-11-14	SW-1	GENERAL NOTES
57	721-11-14	SW-2	TYPICAL GRADE SLAB AND FOOTING DETAILS
58	721-11-14	SW-3	TYPICAL CMU WALL DETAILS
59	721-11-14	SW-4	TYPICAL CONCRETE FLOOR SLAB DETAILS
60	721-11-14	SW-5	PRECAST HOLLOW CORE DETAILS
61	721-11-14	SW-6	TYPICAL CONCRETE BEAM AND COLUMN DETAILS
62	721-11-14	SW-7	TYPICAL STEEL CONNECTION DETAILS
63	721-11-14	SW-8	TYPICAL STEEL DECKING DETAILS
64	721-11-14	SW-9	FOUNDATION AND FIRST FLOOR FRAMING PLAN
65	721-11-14	SW-10	SECOND FLOOR FRAMING PLANS
66	721-11-14	SW-11	ROOF FRAMING PLAN
67	721-11-14	SW-12	SOFFIT FRAMING PLAN AND DETAILS
68	721-11-14	SW-13	(NOT USED)
69	721-11-14	SW-14	BUILDING SECTIONS
70	721-11-14	SW-15	BUILDING SECTIONS
71	721-11-14	SW-16	BUILDING SECTIONS
72	721-11-14	SW-17	FOUNDATION SECTIONS AND DETAILS
73	721-11-14	SW-18	SECOND FLOOR CONNECTION DETAILS
74	721-11-14	SW-19	COVERED ENTRANCE SECTION AND DETAILS
75	721-11-14	SW-20	ROOF FRAMING CONNECTION DETAILS
76	721-11-14	SW-21	ROOF FRAMING CONNECTION DETAILS
77	721-11-14	SW-22	ROOF FRAMING CONNECTION DETAILS
78	721-11-14	SW-23	ROOF FRAMING CONNECTION DETAILS
79	721-11-14	SW-24	ROOF FRAMING CONNECTION DETAILS
80	721-11-14	SW-25	STAIR SECTIONS AND DETAILS
81	721-11-14	SW-26	MISCELLANEOUS DETAILS
82	721-11-14	MW-1	LEGEND & ABBREVIATIONS, SYMBOLS, AND NOTES
83	721-11-14	MW-2	PARTIAL FIRST FLOOR AIR CONDITIONING AND VENTILATION PLAN

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
84	721-11-14	MW-3	PARTIAL FIRST FLOOR AIR CONDITIONING AND VENTILATION PLAN
85	721-11-14	MW-4	PARTIAL SECOND FLOOR AIR CONDITIONING AND VENTILATION PLAN
86	721-11-14	W-5	PARTIAL SECOND FLOOR AIR CONDITIONING AND VENTILATION PLAN
87	721-11-14	MW-6	BUILDING SECTIONS
88	721-11-14	MW-7	CHILLED WATER PIPING DIAGRAM
89	721-11-14	MW-8	COMMUNICATIONS DIAGRAM
90	721-11-14	MW-9	CONTROL DIAGRAM
91	721-11-14	MW-10	CONTROL DIAGRAM AND LEGEND
92	721-11-14	MW-11	DETAILS
93	721-11-14	MW-12	DETAILS
94	721-11-14	MW-13	DETAILS
95	721-11-14	MW-14	DETAILS
96	721-11-14	MW-15	EQUIPMENT SCHEDULES
97	721-11-14	MW-16	EQUIPMENT SCHEDULES
98	721-11-14	MW-17	EQUIPMENT SCHEDULES
99	721-11-14	MW-18	EQUIPMENT SCHEDULES
100	721-11-14	MW-19	FIRST FLOOR PLUMBING PLAN
101	721-11-14	MW-20	SECOND FLOOR PLUMBING PLAN
102	721-11-14	MW-21	ROOF PLAN
103	721-11-14	MW-22	FIRST AND SECOND FLOOR DETAILED PLUMBING PLAN
104	721-11-14	MW-23	SANITARY PIPING DIAGRAM
105	721-11-14	MW-24	WATER PIPING DIAGRAM
106	721-11-14	MW-25	DETAILS
107	721-11-14	MW-26	DETAILS
108	721-11-14	MW-27	EQUIPMENT SCHEDULE/PLUMBING FIXTURE SCHEDULE
109	721-11-14	FW-1	FIRE RATED CONSTRUCTION FLOOR PLANS
110	721-11-14	FW-2	FIRE PROTECTION DETAILS, NOTES, SYMBOLS & ABBREVIATIONS
111	721-11-14	FW-3	FIRE ALARM DIAGRAM & SEQUENCE OF OPERATION
112	721-11-14	FW-4	FIRST FLOOR FIRE SUPPRESSION PLAN
113	721-11-14	FW-5	SECOND FLOOR FIRE SUPPRESSION PLAN

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
114	721-11-14	FW-6	FIRST FLOOR FIRE ALARM PLAN
115	721-11-14	FW-7	SECOND FLOOR FIRE ALARM PLAN
116	721-11-14	EW-1	ELECTRICAL SYMBOLS, SINGLE LINE DIAGRAM
117	721-11-14	EW-2	FIRST FLOOR LIGHTING PLAN
118	721-11-14	EW-3	FIRST FLOOR POWER PLAN
119	721-11-14	EW-4	FIRST FLOOR SIGNAL PLAN
120	721-11-14	EW-5	SECOND FLOOR LIGHTING PLAN
121	721-11-14	EW-6	SECOND FLOOR POWER PLAN
122	721-11-14	EW-7	SECOND FLOOR SIGNAL PLAN
123	721-11-14	EW-8	PANEL SCHEDULES
124	721-11-14	EW-9	LIGHT FIXTURE SCHEDULE
125	721-11-14	EW-10	NIGHT LIGHT CONTROL DIAGRAM, EQUIPMENT ELEVATION
126	721-11-14	EW-11	TELECOMMUNICATION DIAGRAMS AND DETAILS
127	721-11-14	EW-12	TELECOMMUNICATION DIAGRAMS AND DETAILS
128	721-11-14	EW-13	TELECOMMUNICATION WIRING, TELECOMMUNICATION DETAILS
129	721-11-14	EW-14	TELECOMMUNICATION WIRING, TELECOMMUNICATION DETAILS
130	721-11-14	AB-1	1:200 SCALE FLOOR PLANS
131	721-11-14	AB-2	FIRST FLOOR PLAN
132	721-11-14	AB-3	2ND THRU 5TH FLOOR PLAN
133	721-11-14	AB-4	FIRST FLOOR DRAINAGE PLAN, 2ND THRU 5TH FLOOR DRAINAGE PLAN
134	721-11-14	AB-5	ROOF PLAN
135	721-11-14	AB-6	FIRST FLOOR REFLECTED CEILING PLAN
136	721-11-14	AB-7	SECOND THRU FIFTH FLOORS REFLECTED CEILING PLAN
137	721-11-14	AB-8	TYPICAL MODULE PLAN AND INTERIOR ELEVATIONS
138	721-11-14	AB-9	TYPICAL ENLARGED PLAN AT STAIRS
139	721-11-14	AB-10	TYPICAL ENLARGED PLAN AT STAIRS AND ELEVATOR
140	721-11-14	AB-11	INTERIOR ELEVATIONS
141	721-11-14	AB-12	EXTERIOR ELEVATIONS AND DETAILS
142	721-11-14	AB-13	BUILDING SECTIONS
143	721-11-14	AB-14	WALL SECTIONS

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
144	721-11-14	AB-15	STAIR AND ELEVATOR SECTIONS
145	721-11-14	AB-16	ROOM FINISH AND COLOR SCHEDULE
146	721-11-14	AB-17	ROOM FINISH AND COLOR SCHEDULE, TOILET ACCESSORIES SCHED & LEGEND
147	721-11-14	AB-18	TYPICAL WALL TYPES
148	721-11-14	AB-19	TYPICAL WALL TYPES
149	721-11-14	AB-20	DOOR TYPES, WINDOW AND LOUVER TYPES AND SCHEDULE
150	721-11-14	AB-21	DOOR DETAILS
151	721-11-14	AB-22	WINDOW AND LOUVER DETAILS
152	721-11-14	AB-23	FIRST, SECOND AND THIRD FLOOR SIGNAGE PLANS, HARDWARE SETS
153	721-11-14	AB-24	FOURTH, FIFTH AND SIXTH FLOOR SIGNAGE PLANS AND VISUAL KEYING CHART
154	721-11-14	AB-25	SIGN TYPES AND SCHEDULE
155	721-11-14	AB-26	SIGNAGE DETAILS AND MOUNTING ELEVATIONS
156	721-11-14	AB-27	ROOFING DETAILS
157	721-11-14	AB-28	MISCELLANEOUS DETAILS
158	721-11-14	AB-29	MISCELLANEOUS DETAILS
159	721-11-14	AB-30	MISCELLANEOUS DETAILS
160	721-11-14	AB-31	MISCELLANEOUS DETAILS
161	721-11-14	AB-32	MISCELLANEOUS DETAILS
162	721-11-14	AB-33	FIRE-RATED CONSTRUCTION PLANS
163	721-11-14	AB-34	HANDRAIL AND GUARDRAIL ELEVATIONS AND DETAILS
164	721-11-14	AB-35	ROOF SECTION
165	721-11-14	SB-1	FOUNDATION AND FIRST FLOOR PLAN
166	721-11-14	SB-2	SECOND THRU 5TH FLOOR FRAMING PLAN
167	721-11-14	SB-3	5TH FLOOR ROOF-WALL FRAMING PLAN
168	721-11-14	SB-4	ROOF FRAMING PLAN
169	721-11-14	SB-5	FOUNDATION & CMU DETAILS
170	721-11-14	SB-6	SHEARWALL/GRADE BEAM DETAILS
171	721-11-14	SB-7	ELEVATOR & MACHINE ROOM SECTIONS
172	721-11-14	SB-8	STAIR SECTION & DETAILS
173	721-11-14	SB-9	STAIR SECTION & DETAILS

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
174	721-11-14	SB-10	PLANK AND ROOF DETAILS
175	721-11-14	SB-11	ROOF DETAILS
176	721-11-14	SB-12	ROOF DETAILS
177	721-11-14	SB-13	ROOF DETAILS
178	721-11-14	SB-14	SECTION & DETAILS
179	721-11-14	SB-15	SECTIONS & DETAILS
180	721-11-14	SB-16	RAFTER TO BEAM CONNECTION & DETAILS
181	721-11-14	SB-17	GENERAL NOTES & TYPICAL SLAB DETAILS
182	721-11-14	SB-18	TYPICAL CMU DETAILS
183	721-11-14	MB-1	MECHANICAL SYMBOLS AND LEGENDS
184	721-11-14	MB-2	ACV PLAN FIRST FLOOR
185	721-11-14	MB-3	ACV PLAN 2ND – 4TH FLOORS
186	721-11-14	MB-4	ACV PLAN 5TH FLOOR
187	721-11-14	MB-5	DETAILED ACV PLAN AND BUILDING SECTIONS
188	721-11-14	MB-6	DETAILED ACV PLAN AND SECTIONS
189	721-11-14	MB-7	CHILLED WATER PIPING DIAGRAM
190	721-11-14	MB-8	COMMUNICATIONS DIAGRAM
191	721-11-14	MB-9	CONTROL DIAGRAM AND LEGEND
192	721-11-14	MB-10	DETAILS
193	721-11-14	MB-11	DETAILS
194	721-11-14	MB-12	SEISMIC SUPPORT DETAILS
195	721-11-14	MB-13	EQUIPMENT SCHEDULE
196	721-11-14	MB-14	PLUMBING PLAN FIRST FLOOR
197	721-11-14	MB-15	PLUMBING PLAN 3RD FLOOR
198	721-11-14	MB-16	PLUMBING PLAN 2ND, 4TH AND 5TH FLOOR
199	721-11-14	MB-17	PLUMBING ROOF PLAN
200	721-11-14	MB-18	DETAILED PLUMBING PLANS
201	721-11-14	MB-19	WATER PIPING DIAGRAM
202	721-11-14	MB-20	WATER PIPING DIAGRAMS
203	721-11-14	MB-21	SANITARY PIPING DIAGRAM AND SCHEDULES
204	721-11-14	MB-22	WASTE AND VENT PIPING DIAGRAMS

FY00 PN46902 WHOLE BARRACKS RENEWAL, SCHOFIELD BARRACKS, OAHU, HAWAII

RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
205	721-11-14	MB-23	DETAILS
206	721-11-14	MB-24	DETAILS
207	721-11-14	FB-1	FIRE RATED CONSTRUCTION FLOOR PLANS
208	721-11-14	FB-2	FIRE PROTECTION DETAILS, NOTES, SYMBOLS & ABBREVIATIONS
209	721-11-14	FB-3	FIRE ALARM RISER DIAGRAM
210	721-11-14	FB-4	FIRE ALARM SEQUENCE OF OPERATION & DETAILS
211	721-11-14	FB-5	FIRST FLOOR FIRE SUPPRESSION PLAN
212	721-11-14	FB-6	2ND THRU 5TH FLOOR FIRE SUPPRESSION PLAN
213	721-11-14	FB-7	FIRST FLOOR FIRE ALARM PLAN
214	721-11-14	FB-8	2ND THRU 5TH FLOOR FIRE ALARM PLAN
215	721-11-14	EB-1	ELECTRICAL SYMBOLS
216	721-11-14	EB-2	FIRST FLOOR POWER AND SIGNAL PLAN
217	721-11-14	EB-3	FIRST FLOOR LIGHTING PLAN
218	721-11-14	EB-4	FIRST FLOOR TEL. DISTRIB. PLAN
219	721-11-14	EB-5	FIRST FLOOR CATV DISTRIB. PLAN
220	721-11-14	EB-6	2ND THRU 5TH FLOOR POWER PLAN
221	721-11-14	EB-7	2ND THRU 5TH FLOOR LIGHTING PLAN
222	721-11-14	EB-8	2ND THRU 5TH FLOOR TEL. DISTRIB. PLANS
223	721-11-14	EB-9	2ND THRU 5TH FLOOR CATV DISTRIB. PLANS
224	721-11-14	EB-10	ONE LINE DIAGRAM
225	721-11-14	EB-11	COMMUNICATION RISER DIAGRAMS
226	721-11-14	EB-12	LIGHT FIXTURE SCHEDULE
227	721-11-14	EB-13	TYPICAL UNIT PLANS, AHU ROOM DETAIL, LIGHTING ARRESTOR MOUNTING DETAIL
228	721-11-14	EB-14	PENDANT BRACING DETAIL, TYPICAL COMM RM PLANS
229	721-11-14	EB-15	COMMUNICATION DETAILS, DUCT SECTION
230	721-11-14	EB-16	CATV DISTRIBUTION AND RISER DIAGRAMS
231	721-11-14	EB-17	PANEL SCHEDULES
232	721-11-14	EB-18	PANEL SCHEDULES
233	721-11-14	AC-1	FIRST FLOOR PLAN

FY00 PN46902 WHOLE BARRACKS RENEWAL, SCHOFIELD BARRACKS, OAHU, HAWAII

RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
234	721-11-14	AC-2	SECOND FLOOR AND LOWER ROOF PLAN
235	721-11-14	AC-3	UPPER ROOF PLAN
236	721-11-14	AC-4	FIRST FLOOR REFLECTED CEILING PLAN
237	721-11-14	AC-5	SECOND FLOOR REFLECTED CEILING PLAN
238	721-11-14	AC-6	ENLARGED TOILET AND LAUNDRY FLOOR PLANS
239	721-11-14	AC-7	ENLARGED STAIR PLANS AND SECTIONS
240	721-11-14	AC-8	ENLARGED STAIR PLANS AND SECTIONS
241	721-11-14	AC-9	INTERIOR ELEVATIONS
242	721-11-14	AC-10	INTERIOR ELEVATIONS
243	721-11-14	AC-11	INTERIOR ELEVATIONS
244	721-11-14	AC-12	INTERIOR ELEVATIONS
245	721-11-14	AC-13	EXTERIOR ELEVATIONS
246	721-11-14	AC-14	BUILDING SECTIONS
247	721-11-14	AC-15	ROOM FINISH AND COLOR SCHEDULE
248	721-11-14	AC-16	TYPICAL WALL SECTION/TYPES KEY PLANS; EXTERIOR WALL RELIEF ELEVATIONS
249	721-11-14	AC-17	WALL SECTIONS
250	721-11-14	AC-18	TYPICAL WALL TYPES
251	721-11-14	AC-19	TYPICAL WALL TYPES
252	721-11-14	AC-20	TYPICAL WALL TYPES
253	721-11-14	AC-21	TYPICAL WALL TYPES
254	721-11-14	AC-22	DOOR TYPES AND SCHEDULE
255	721-11-14	AC-23	DOOR DETAILS
256	721-11-14	AC-24	DOOR DETAILS AND HARDWARE SETS
257	721-11-14	AC-25	WINDOW AND LOUVER TYPES AND SCHEDULE
258	721-11-14	AC-26	WINDOW DETAILS
259	721-11-14	AC-27	WINDOW AND LOUVER DETAILS
260	721-11-14	AC-28	SIGNAGE PLANS
261	721-11-14	AC-29	SIGN SCHEDULE
262	721-11-14	AC-30	SIGN TYPES
263	721-11-14	AC-31	SIGN DETAILS AND MOUNTING ELEVATIONS
264	721-11-14	AC-32	ROOFING DETAILS
265	721-11-14	AC-33	ROOFING DETAILS

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
266	721-11-14	AC-34	ROOFING DETAILS
267	721-11-14	AC-35	MISCELLANEOUS DETAILS
268	721-11-14	AC-36	MISCELLANEOUS DETAILS
269	721-11-14	AC-37	MISCELLANEOUS DETAILS
270	721-11-14	AC-38	MISCELLANEOUS DETAILS
271	721-11-14	AC-39	KITCHEN CABINET DETAILS
272	721-11-14	AC-40	MISCELLANEOUS DETAILS
273	721-11-14	AC-41	FIRE-RATED CONSTRUCTION PLANS
274	721-11-14	SC-1	GENERAL NOTES
275	721-11-14	SC-2	TYPICAL GRADE SLAB AND FOOTING DETAILS
276	721-11-14	SC-3	TYPICAL CMU WALL DETAILS
277	721-11-14	SC-4	TYPICAL CONCRETE AND CMU COLUMN DETAILS
278	721-11-14	SC-5	TYPICAL PRESTRESSED HOLLOW CORE DETAILS
279	721-11-14	SC-6	TYPICAL CONCRETE BEAM, SCHEDULE AND DETAILS
280	721-11-14	SC-7	TYPICAL STEEL BEAM CONNECTION DETAILS
281	721-11-14	SC-8	FOUNDATION AND FIRST FLOOR FRAMING PLAN
282	721-11-14	SC-9	SECOND FLOOR FRAMING PLAN
283	721-11-14	SC-10	ROOF FRAMING PLAN
284	721-11-14	SC-11	LOWER ROOF SOFFIT FRAMING PLAN
285	721-11-14	SC-12	UPPER ROOF SOFFIT FRAMING PLAN
286	721-11-14	SC-13	BUILDING SECTION
287	721-11-14	SC-14	BUILDING SECTIONS AND DETAILS
288	721-11-14	SC-15	BUILDING SECTIONS AND DETAILS
289	721-11-14	SC-16	BUILDING SECTIONS
290	721-11-14	SC-17	BUILDING SECTIONS
291	721-11-14	SC-18	DETAILS
292	721-11-14	SC-19	TRUSS ELEVATIONS
293	721-11-14	MC-1	MECHANICAL SYMBOLS AND LEGENDS
294	721-11-14	MC-2	PARTIAL FIRST FLOOR ACV PLAN
295	721-11-14	MC-3	PARTIAL FIRST FLOOR ACV PLAN

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
296	721-11-14	MC-4	SECOND FLOOR ACV PLAN
297	721-11-14	MC-5	ACV ROOF PLAN
298	721-11-14	MC-6	SECTIONS
299	721-11-14	MC-7	CHILLED WATER PIPING DIAGRAM
300	721-11-14	MC-8	COMMUNICATIONS DIAGRAM
301	721-11-14	MC-9	CONTROL DIAGRAM
302	721-11-14	MC-10	DETAILS
303	721-11-14	MC-11	DETAILS
304	721-11-14	MC-12	DETAILS
305	721-11-14	MC-13	DETAILS
306	721-11-14	MC-14	EQUIPMENT SCHEDULE
307	721-11-14	MC-15	MECHANICAL SITE PLAN
308	721-11-14	MC-16	FIRST FLOOR PLUMBING PLAN
309	721-11-14	MC-17	SECOND FLOOR PLUMBING PLAN
310	721-11-14	MC-18	DETAILED PLUMBING PLAN
311	721-11-14	MC-19	DETAILED PLUMBING PLAN AND SECTION
312	721-11-14	MC-20	WATER PIPING DIAGRAM
313	721-11-14	MC-21	WATER PIPING DIAGRAM
314	721-11-14	MC-22	SANITARY PIPING DIAGRAM
315	721-11-14	MC-23	HOT WATER HEATING SCHEMATIC DIAGRAM
316	721-11-14	MC-24	DETAILS
317	721-11-14	MC-25	DETAILS
318	721-11-14	MC-26	EQUIPMENT SCHEDULE
319	721-11-14	FC-1	FIRE RATED CONSTRUCTION FLOOR PLANS
320	721-11-14	FC-2	FIRE PROTECTION DETAILS, NOTES, SYMBOLS AND ABBREVIATIONS
321	721-11-14	FC-3	FIRE ALARM RISER DIAGRAM & SEQUENCE OF OPERATIONS
322	721-11-14	FC-4	FIRST FLOOR FIRE SUPPRESSION PLAN
323	721-11-14	FC-5	SECOND FLOOR FIRE SUPPRESSION PLAN
324	721-11-14	FC-6	FIRST FLOOR FIRE ALARM PLAN
325	721-11-14	FC-7	SECOND FLOOR FIRE ALARM PLAN

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
326	721-11-14	EC-1	ELECTRICAL SYMBOLS, ELECTRICAL ABBREVIATIONS
327	721-11-14	EC-2	FIRST FLOOR LIGHTING PLAN
328	721-11-14	EC-3	SECOND FLOOR LIGHTING PLAN
329	721-11-14	EC-4	FIRST FLOOR POWER PLAN, SINGLE LINE DIAGRAM
330	721-11-14	EC-5	SECOND FLOOR POWER PLAN
331	721-11-14	EC-6	FIRST FLOOR COMMUNICATION PLAN
332	721-11-14	EC-7	FIRST FLOOR PAGING SYSTEM PLAN
333	721-11-14	EC-8	SECOND FLOOR COMMUNICATION PLAN
334	721-11-14	EC-9	TEL. ROOM PLAN, RACK & OUTLET DIAGRAM, CATV DIAGRAMS
335	721-11-14	EC-10	PAGING SYSTEM SCHEMATIC DIAGRAM
336	721-11-14	EC-11	LIGHT FIXTURE DETAILS
337	721-11-14	EC-12	PANEL SCHEDULES
338	721-11-14	EC-13	PANEL SCHEDULES
339	131-20-06	TR-1	TITLE SHEET; LOCATION MAP; VICINITY MAP
340	131-20-06	AR-1	FLOOR PLAN, ROOF PLAN, REFLECTED CEILING PLAN
341	131-20-06	AR-2	EXTERIOR ELEVATIONS AND BUILDING SECTIONS
342	131-20-06	AR-3	WALL SECTIONS
343	131-20-06	AR-4	MISCELLANEOUS DETAILS
344	131-20-06	AR-5	LOUVER AND DOOR DETAILS
345	131-20-06	AR-6	MISCELLANEOUS DETAILS
346	131-20-06	AR-7	SIGN DETAILS
347	131-20-06	AR-8	MISCELLANEOUS DETAILS
348	131-20-06	SR-1	GENERAL NOTES
349	131-20-06	SR-2	TYPICAL GRADE SLAB AND FOOTING DETAILS
350	131-20-06	SR-3	TYPICAL CMU WALL AND CONCRETE FLOOR SLAB DETAILS
351	131-20-06	SR-4	TYPICAL STEEL CONNECTION AND DECKING DETAILS
352	131-20-06	SR-5	FIRST AND BASEMENT FLOOR & FOUNDATION PLANS
353	131-20-06	SR-6	ROOF AND SOFFIT FRAMING PLANS
354	131-20-06	SR-7	BUILDING SECTION
355	131-20-06	SR-8	SECTIONS AND DETAILS

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
356	131-20-06	SR-9	ROOF FRAMING CONNECTION DETAILS
357	131-20-06	SR-10	FASCIA AND SOFFIT FRAMING CONNECTION DETAILS
358	131-20-06	SR-11	TRUSS DETAILS
359	131-20-06	MR-1	MECHANICAL SYMBOLS AND LEGENDS
360	131-20-06	MR-2	FIRST FLOOR ACV PLAN
361	131-20-06	MR-3	ACV ROOF PLAN
362	131-20-06	MR-4	COMMUNICATIONS DIAGRAM
363	131-20-06	MR-5	CONTROL DIAGRAM AND LEGEND
364	131-20-06	MR-6	SEISMIC SUPPORT DETAILS
365	131-20-06	MR-7	DETAILS
366	131-20-06	MR-8	EQUIPMENT SCHEDULE
367	131-20-06	MR-9	FIRST FLOOR PLUMBING PLAN
368	131-20-06	MR-10	SANITARY PIPING DIAGRAM AND SCHEDULES
369	131-20-06	MR-11	DETAILS
370	131-20-06	FR-1	FIRE PROTECTION DETAILS, NOTES, SYMBOLS AND ABBREVIATIONS
371	131-20-06	FR-2	FIRE ALARM RISER DIAGRAM & SEQUENCE OF OPERATIONS
372	131-20-06	FR-3	FIRE SUPPRESSION PLAN
373	131-20-06	FR-4	FIRE ALARM PLAN
374	131-20-06	ER-1	ELECTRICAL SYMBOLS, PANEL SCHEDULES, SINGLE LINE DIAGRAM, LUMINAIRE SCHEDULE, DETAILS
375	131-20-06	ER-2	LIGHTING PLAN, NIGHT LIGHT CONTROL WIRING DIAGRAMS, SYSTEM MOUNTING DETAIL
376	131-20-06	ER-3	POWER AND SIGNAL, CABLE VAULT POWER AND SIGNAL PLAN, EXHAUST FAN CONTROL WIRING DIAGRAM
377	131-20-06	ER-4	FIRST FLOOR & CABLE VAULT SIGNAL PLANS
378	131-20-06	ER-5	CABLE VAULT INTERIOR ELEVATIONS AND DETAILS
379	131-20-06	ER-6	ELEVATIONS AND DETAILS
380	721-11-14	AWR-1	FIRST FLOOR PLAN
381	721-11-14	AWR-2	FIRST FLOOR DIMENSIONED PLAN
382	721-11-14	AWR-3	FIRST FLOOR PLAN-SIGNAGE, WINDOW TREATMENT & FLOOR

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
			FINISHES
383	721-11-14	AWR-4	SECOND FLOOR PLAN
384	721-11-14	AWR-5	SECOND FLOOR DIMENSIONED PLAN
385	721-11-14	AWR-6	SECOND FLOOR PLAN-SIGNAGE, WINDOW TREATMENT & FLOOR FINISHES
386	721-11-14	AWR-7	FIRST FLOOR REFLECTED CEILING PLAN
387	721-11-14	AWR-8	SECOND FLOOR REFLECTED CEILING PLAN
388	721-11-14	AWR-9	ROOF PLAN
389	721-11-14	AWR-10	EXTERIOR ELEVATIONS
390	721-11-14	AWR-11	BUILDING SECTIONS
391	721-11-14	AWR-12	WALL SECTIONS
392	721-11-14	AWR-13	WALL SECTIONS
393	721-11-14	AWR-14	WALL SECTIONS
394	721-11-14	AWR-15	WALL SECTIONS
395	721-11-14	AWR-16	WALL SECTIONS
396	721-11-14	AWR-17	WALL SECTIONS
397	721-11-14	AWR-18	DETAIL FLOOR PLANS, DETAIL TOILET PLAN (RM 215)
398	721-11-14	AWR-19	STAIR PLANS, SECTION & DETAILS
399	721-11-14	AWR-20	ELEVATOR SECTION & DETAILS
400	721-11-14	AWR-21	ROOM FINISH SCHEDULE, TOILET ACCESSORIES MOUNTING HEIGHT
401	721-11-14	AWR-22	TOILET INTERIOR ELEVATIONS
402	721-11-14	AWR-23	INTERIOR ELEVATIONS
403	721-11-14	AWR-24	INTERIOR ELEVATIONS
404	721-11-14	AWR-25	INTERIOR ELEVATIONS
405	721-11-14	AWR-26	INTERIOR ELEVATIONS
406	721-11-14	AWR-27	INTERIOR ELEVATIONS
407	721-11-14	AWR-28	INTERIOR ELEVATIONS
408	721-11-14	AWR-29	DOOR TYPES AND SCHEDULE
409	721-11-14	AWR-30	WINDOW TYPES AND SCHEDULE
410	721-11-14	AWR-31	WINDOW AND DOOR DETAILS
411	721-11-14	AWR-32	WINDOW AND DOOR DETAILS
412	721-11-14	AWR-33	DOOR DETAILS
413	721-11-14	AWR-34	DOOR DETAILS AND HARDWARE SETS

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
414	721-11-14	AWR-35	PARTITION DETAILS
415	721-11-14	AWR-36	MISCELLANEOUS DETAILS
416	721-11-14	AWR-37	MISCELLANEOUS DETAILS
417	721-11-14	AWR-38	MISCELLANEOUS DETAILS
418	721-11-14	AWR-39	MISCELLANEOUS DETAILS
419	721-11-14	AWR-40	MISCELLANEOUS DETAILS
420	721-11-14	AWR-41	MISCELLANEOUS DETAILS
421	721-11-14	AWR-42	MISCELLANEOUS DETAILS
422	721-11-14	AWR-43	INTERIOR SIGNAGE SCHEDULE
423	721-11-14	AWR-44	INTERIOR SIGN DETAILS
424	721-11-14	AWR-45	COLOR AND MATERIAL SCHEDULE
425	721-11-14	SWR-1	GENERAL NOTES
426	721-11-14	SWR-2	TYPICAL GRADE SLAB AND FOOTING DETAILS
427	721-11-14	SWR-3	TYPICAL CMU WALL DETAILS
428	721-11-14	SWR-4	TYPICAL CONCRETE FLOOR SLAB DETAILS
429	721-11-14	SWR-5	PRECAST HOLLOW CORE DETAILS
430	721-11-14	SWR-6	TYPICAL CONCRETE BEAM AND COLUMN DETAILS
431	721-11-14	SWR-7	TYPICAL STEEL CONNECTION DETAILS
432	721-11-14	SWR-8	TYPICAL STEEL DECKING DETAILS
433	721-11-14	SWR-9	FOUNDATION AND FIRST FLOOR FRAMING PLAN
434	721-11-14	SWR-10	SECOND FLOOR FRAMING PLANS
435	721-11-14	SWR-11	ROOF FRAMING PLAN
436	721-11-14	SWR-12	SOFFIT FRAMING PLAN AND DETAILS
437	721-11-14	SWR-13	(NOT USED)
438	721-11-14	SWR-14	BUILDING SECTIONS
439	721-11-14	SWR-15	BUILDING SECTIONS
440	721-11-14	SWR-16	BUILDING SECTIONS
441	721-11-14	SWR-17	FOUNDATION SECTIONS AND DETAILS
442	721-11-14	SWR-18	SECOND FLOOR CONNECTION DETAILS
443	721-11-14	SWR-19	COVERED ENTRANCE SECTIONS AND DETAILS
444	721-11-14	SWR-20	ROOF FRAMING CONNECTION DETAILS

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
445	721-11-14	SWR-21	ROOF FRAMING CONNECTION DETAILS
446	721-11-14	SWR-22	ROOF FRAMING CONNECTION DETAILS
447	721-11-14	SWR-23	ROOF FRAMING CONNECTION DETAILS
448	721-11-14	SWR-24	ROOF FRAMING CONNECTION DETAILS
449	721-11-14	SWR-25	STAIR SECTIONS AND DETAILS
450	721-11-14	SWR-26	MISCELLANEOUS DETAILS
451	721-11-14		LEGEND & ABBREVIATIONS, SYMBOLS, AND NOTES
452	721-11-14		PARTIAL FIRST FLOOR AIR CONDITIONING AND VENTILATION PLAN
453	721-11-14		PARTIAL FIRST FLOOR AIR CONDITIONING AND VENTILATION PLAN
454	721-11-14		PARTIAL SECOND FLOOR AIR CONDITIONING AND VENTILATION PLAN
455	721-11-14		PARTIAL SECOND FLOOR AIR CONDITIONING AND VENTILATION PLAN
456	721-11-14		BUILDING SECTIONS
457	721-11-14		CHILLED WATER PIPING DIAGRAM
458	721-11-14		COMMUNICATIONS DIAGRAM
459	721-11-14		CONTROL DIAGRAM
460	721-11-14		CONTROL DIAGRAM AND LEGEND
461	721-11-14		DETAILS
462	721-11-14		DETAILS
463	721-11-14		DETAILS
464	721-11-14		DETAILS
465	721-11-14		EQUIPMENT SCHEDULES
466	721-11-14		EQUIPMENT SCHEDULES
467	721-11-14		EQUIPMENT SCHEDULES
468	721-11-14		EQUIPMENT SCHEDULES
469	721-11-14		FIRST FLOOR PLUMBING PLAN
470	721-11-14		SECOND FLOOR PLUMBING PLAN
471	721-11-14		ROOF PLAN
472	721-11-14		FIRST AND SECOND FLOOR DETAILED PLUMBING PLAN
473	721-11-14		SANITARY PIPING DIAGRAM
474	721-11-14		WATER PIPING DIAGRAM
475	721-11-14		DETAILS

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
476	721-11-14		DETAILS
477	721-11-14		EQUIPMENT SCHEDULE/PLUMBING FIXTURE SCHEDULE
478	721-11-14	FWR-1	FIRE RATED CONSTRUCTION FLOOR PLANS
479	721-11-14	FWR-2	FIRE PROTECTION DETAILS, NOTES, SYMBOLS & ABBREVIATIONS
480	721-11-14	FWR-3	FIRE ALARM DIAGRAM & SEQUENCE OF OPERATION
481	721-11-14	FWR-4	FIRST FLOOR FIRE SUPPRESSION PLAN
482	721-11-14	FWR-5	SECOND FLOOR FIRE SUPPRESSION PLAN
483	721-11-14	FWR-6	FIRST FLOOR FIRE ALARM PLAN
484	721-11-14	FWR-7	SECOND FLOOR FIRE ALARM PLAN
485	721-11-14	EWR-1	ELECTRICAL SYMBOLS, SINGLE LINE DIAGRAM
486	721-11-14	EWR-2	FIRST FLOOR LIGHTING PLAN
487	721-11-14	EWR-3	FIRST FLOOR POWER PLAN
488	721-11-14	EWR-4	FIRST FLOOR SIGNAL PLAN
489	721-11-14	EWR-5	SECOND FLOOR LIGHTING PLAN
490	721-11-14	EWR-6	SECOND FLOOR POWER PLAN
491	721-11-14	EWR-7	SECOND FLOOR SIGNAL PLAN
492	721-11-14	EWR-8	PANEL SCHEDULES
493	721-11-14	EWR-9	LIGHT FIXTURE SCHEDULE
494	721-11-14	EWR-10	NIGHT LIGHT CONTROL DIAGRAM, EQUIPMENT ELEVATION
495	721-11-14	EWR-11	TELECOMMUNICATION DIAGRAMS AND DETAILS
496	721-11-14	EWR-12	TELECOMMUNICATION DIAGRAMS AND DETAILS
497	721-11-14	EWR-13	TELECOMMUNICATION WIRING, TELECOMMUNICATION DETAILS
498	721-11-14	EWR-14	TELECOMMUNICATION WIRING, TELECOMMUNICATION DETAILS
499	721-11-14	ABR-1	1:200 SCALE FLOOR PLANS
500	721-11-14	ABR-2	FIRST FLOOR PLAN
501	721-11-14	ABR-3	2ND THRU 5TH FLOOR PLAN
502	721-11-14	ABR-4	FIRST FLOOR DRAINAGE PLAN, 2ND THRU 5TH FLOOR DRAINAGE PLAN
503	721-11-14	ABR-5	ROOF PLAN
504	721-11-14	ABR-6	FIRST FLOOR REFLECTED CEILING PLAN

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RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
505	721-11-14	ABR-7	SECOND THRU FIFTH FLOORS REFLECTED CEILING PLAN
506	721-11-14	ABR-8	TYPICAL MODULE PLAN AND INTERIOR ELEVATIONS
507	721-11-14	ABR-9	TYPICAL ENLARGED PLAN AT STAIRS
508	721-11-14	ABR-10	TYPICAL ENLARGED PLAN AT STAIRS AND ELEVATOR
509	721-11-14	ABR-11	INTERIOR ELEVATIONS
510	721-11-14	ABR-12	EXTERIOR ELEVATIONS AND DETAILS
511	721-11-14	ABR-13	BUILDING SECTIONS
512	721-11-14	ABR-14	WALL SECTIONS
513	721-11-14	ABR-15	STAIR AND ELEVATOR SECTIONS
514	721-11-14	ABR-16	ROOM FINISH AND COLOR SCHEDULE
515	721-11-14	ABR-17	ROOM FINISH AND COLOR SCHEDULE, TOILET ACCESSORIES SCHED & LEGEND
516	721-11-14	ABR-18	TYPICAL WALL TYPES
517	721-11-14	ABR-19	TYPICAL WALL TYPES
518	721-11-14	ABR-20	DOOR TYPES, WINDOW AND LOUVER TYPES AND SCHEDULE
519	721-11-14	ABR-21	DOOR DETAILS
520	721-11-14	ABR-22	WINDOW AND LOUVER DETAILS
521	721-11-14	ABR-23	FIRST, SECOND AND THIRD FLOOR SIGNAGE PLANS, HARDWARE SETS
522	721-11-14	ABR-24	FOURTH, FIFTH AND SIXTH FLOOR SIGNAGE PLANS AND VISUAL KEYING CHART
523	721-11-14	ABR-25	SIGN TYPES AND SCHEDULE
524	721-11-14	ABR-26	SIGNAGE DETAILS AND MOUNTING ELEVATIONS
525	721-11-14	ABR-27	ROOFING DETAILS
526	721-11-14	ABR-28	MISCELLANEOUS DETAILS
527	721-11-14	ABR-29	MISCELLANEOUS DETAILS
528	721-11-14	ABR-30	MISCELLANEOUS DETAILS
529	721-11-14	ABR-31	MISCELLANEOUS DETAILS
530	721-11-14	ABR-32	MISCELLANEOUS DETAILS
531	721-11-14	ABR-33	FIRE-RATED CONSTRUCTION PLANS
532	721-11-14	ABR-34	HANDRAIL AND GUARDRAIL ELEVATIONS AND DETAILS
533	721-11-14	ABR-35	ROOF SECTION
534	721-11-14	SBR-1	FOUNDATION AND FIRST FLOOR PLAN

FY00 PN46902 WHOLE BARRACKS RENEWAL, SCHOFIELD BARRACKS, OAHU, HAWAII

RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
535	721-11-14	SBR-2	SECOND THRU 5TH FLOOR FRAMING PLAN
536	721-11-14	SBR-3	5TH FLOOR ROOF-WALL FRAMING PLAN
537	721-11-14	SBR-4	ROOF FRAMING PLAN
538	721-11-14	SBR-5	FOUNDATION & CMU DETAILS
539	721-11-14	SBR-6	SHEARWALL/GRADE BEAM DETAILS
540	721-11-14	SBR-7	ELEVATOR & MACHINE ROOM SECTIONS
541	721-11-14	SBR-8	STAIR SECTION & DETAILS
542	721-11-14	SBR-9	STAIR SECTION & DETAILS
543	721-11-14	SBR-10	PLANK AND ROOF DETAILS
544	721-11-14	SBR-11	ROOF DETAILS
545	721-11-14	SBR-12	ROOF DETAILS
546	721-11-14	SBR-13	ROOF DETAILS
547	721-11-14	SBR-14	SECTION & DETAILS
548	721-11-14	SBR-15	SECTIONS & DETAILS
549	721-11-14	SBR-16	RAFTER TO BEAM CONNECTION & DETAILS
550	721-11-14	SBR-17	GENERAL NOTES & TYPICAL SLAB DETAILS
551	721-11-14	SBR-18	TYPICAL CMU DETAILS
552	721-11-14	MBR-1	MECHANICAL SYMBOLS AND LEGENDS
553	721-11-14	MBR-2	ACV PLAN FIRST FLOOR
554	721-11-14	MBR-3	ACV PLAN 2ND – 4TH FLOORS
555	721-11-14	MBR-4	ACV PLAN, 5TH FLOOR
556	721-11-14	MBR-5	DETAILED ACV PLAN & BUILDING SECTIONS
557	721-11-14	MBR-6	DETAILED ACV PLAN AND SECTIONS
558	721-11-14	MBR-7	CHILLED WATER PIPING DIAGRAM
559	721-11-14	MBR-8	COMMUNICATIONS DIAGRAM
560	721-11-14	MBR-9	CONTROL DIAGRAM AND LEGEND
561	721-11-14	MBR-10	DETAILS
562	721-11-14	MBR-11	DETAILS
563	721-11-14	MBR-12	SEISMIC SUPPORT DETAILS
564	721-11-14	MBR-13	EQUIPMENT SCHEDULES
565	721-11-14	MBR-14	PLUMBING PLAN FIRST FLOOR

FY00 PN46902 WHOLE BARRACKS RENEWAL, SCHOFIELD BARRACKS, OAHU, HAWAII

RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
566	721-11-14	MBR-15	PLUMBING PLAN 3RD FLOOR
567	721-11-14	MBR-16	PLUMBING PLAN 2ND, 4TH AND 5TH FLOOR
568	721-11-14	MBR-17	PLUMBING ROOF PLAN
569	721-11-14	MBR-18	DETAILED PLUMBING PLANS
570	721-11-14	MBR-19	WATER PIPING DIAGRAM
571	721-11-14	MBR-20	WATER PIPING DIAGRAM
572	721-11-14	MBR-21	SANITARY PIPING DIAGRAM AND SCHEDULES
573	721-11-14	MBR-22	WASTE AND VENT PIPING DIAGRAMS
574	721-11-14	MBR-23	DETAILS
575	721-11-14	MBR-24	DETAILS
576	721-11-14	FBR-1	FIRE RATED CONSTRUCTION FLOOR PLANS
577	721-11-14	FBR-2	FIRE PROTECTION DETAILS, NOTES, SYMBOLS & ABBREVIATIONS
578	721-11-14	FBR-3	FIRE ALARM RISER DIAGRAM
579	721-11-14	FBR-4	FIRE ALARM SEQUENCE OF OPERATION & DETAILS
580	721-11-14	FBR-5	FIRST FLOOR FIRE SUPPRESSION PLAN
581	721-11-14	FBR-6	2ND THRU 5TH FLOOR FIRE SUPPRESSION PLAN
582	721-11-14	FBR-7	FIRST FLOOR FIRE ALARM PLAN
583	721-11-14	FBR-8	2ND THRU 5TH FLOOR FIRE ALARM PLAN
584	721-11-14	EBR-1	ELECTRICAL SYMBOLS
585	721-11-14	EBR-2	FIRST FLOOR POWER AND SIGNAL PLAN
586	721-11-14	EBR-3	FIRST FLOOR LIGHTING PLAN
587	721-11-14	EBR-4	FIRST FLOOR TEL. DISTRIB. PLAN
588	721-11-14	EBR-5	FIRST FLOOR CATV DISTRIB. PLAN
589	721-11-14	EBR-6	2ND THRU 5TH FLOOR POWER PLAN
590	721-11-14	EBR-7	2ND THRU 5TH FLOOR LIGHTING PLAN
591	721-11-14	EBR-8	2ND THRU 5TH FLOOR TEL. DISTRIB. PLANS
592	721-11-14	EBR-9	2ND THRU 5TH FLOOR CATV DISTRIB. PLANS
593	721-11-14	EBR-10	ONE LINE DIAGRAM
594	721-11-14	EBR-11	COMMUNICATION RISER DIAGRAMS
595	721-11-14	EBR-12	LIGHT FIXTURE SCHEDULE

FY00 PN46902 WHOLE BARRACKS RENEWAL, SCHOFIELD BARRACKS, OAHU, HAWAII

RING NO.	DRAWING NO.	SHT NO	DESCRIPTION OF DRAWINGS
596	721-11-14	EBR-13	TYPICAL UNIT PLANS, AHU ROOM DETAIL, LIGHTING ARRESTOR MOUNTING DETAIL
597	721-11-14	EBR-14	PENDANT BRACING DETAIL, TYPICAL COMM RM PLANS
598	721-11-14	EBR-15	COMMUNICATION DETAILS, DUCT SECTION
599	721-11-14	EBR-16	CATV DISTRIBUTION AND RISER DIAGRAMS
600	721-11-14	EBR-17	PANEL SCHEDULES
601	721-11-14	EBR-18	PANEL SCHEDULES

LIST OF DRAWINGS

Drawings Dated 29 September 2000

RING NO.	SHEET NO.	DRAWING NO.	TITLE
FY00 MCA PN 46902 <b>PH2A3</b> WHOLE BARRACKS RENEWAL SCHOFIELD BARRACKS, OAHU, HAWAII <b>BUILDINGS "COF-4", "COF-5", "COF-6", "COF-7"</b>			
<u>GENERAL DRAWINGS</u>			
1	T-1	141-85-01	COVER SHEET
2	T-2	141-85-01	SHEET INDEX
3	T-3	141-85-01	SHEET INDEX
4	T-4	141-85-01	SHEET INDEX
5	T-5	141-85-01	ABBREVIATIONS, SYMBOLS AND LOCATION MAPS
<u>BUILDING COF-4</u>			
<u>ARCHITECTURAL DRAWINGS</u>			
6	AL-1	141-85-01	FIRST FLOOR PLAN
7	AL-2	141-85-01	SECOND FLOOR PLAN
8	AL-3	141-85-01	ROOF PLAN
9	AL-4	141-85-01	FIRST FLOOR REFLECTED CEILING PLAN
10	AL-5	141-85-01	SECOND FLOOR REFLECTED CEILING PLAN
11	AL-6	141-85-01	ENLARGED TOILET PLANS & INTERIOR ELEVATIONS
12	AL-6a	141-85-01	ENLARGED TOILET PLANS & INTERIOR ELEVATIONS
13	AL-7	141-85-01	ENLARGED STAIR PLANS & SECTIONS
14	AL-8	141-85-01	INTERIOR ELEVATIONS
15	AL-9	141-85-01	INTERIOR ELEVATIONS
16	AL-10	141-85-01	INTERIOR ELEVATIONS
17	AL-11	141-85-01	EXTERIOR ELEVATIONS
18	AL-12	141-85-01	BUILDING SECTIONS
19	AL-13	141-85-01	WALL SECTIONS
20	AL-14	141-85-01	ROOM FINISH & COLOR SCHEDULE
21	AL-15	141-85-01	ROOM FINISH & COLOR SCHEDULE
22	AL-16	141-85-01	TYPICAL WALL TYPES
23	AL-17	141-85-01	TYPICAL WALL TYPES
24	AL-18	141-85-01	TYPICAL WALL TYPES
25	AL-19	141-85-01	TYPICAL WALL TYPES
26	AL-20	141-85-01	TYPICAL WALL TYPES
27	AL-21	141-85-01	DOOR TYPES & SCHEDULE
28	AL-21a	141-85-01	DOOR HARDWARE SCHEDULE
29	AL-22	141-85-01	DOOR DETAILS
30	AL-23	141-85-01	DOOR DETAILS
31	AL-24	141-85-01	WINDOW & LOUVER TYPES & SCHEDULE
32	AL-25	141-85-01	WINDOW & LOUVER DETAILS
33	AL-26	141-85-01	SIGNAGE PLANS
34	AL-27	141-85-01	SIGN SCHEDULE
35	AL-28	141-85-01	SIGN TYPES

36	AL-29	141-85-01	SIGN DETAILS & MOUNTING ELEVATIONS
37	AL-30	141-85-01	ROOFING DETAILS
38	AL-31	141-85-01	ROOFING DETAILS
39	AL-32	141-85-01	WIRE MESH PARTITION DETAILS
40	AL-33	141-85-01	MISCELLANEOUS DETAILS
41	AL-34	141-85-01	MISCELLANEOUS DETAILS
42	AL-35	141-85-01	MISCELLANEOUS DETAILS
43	AL-36	141-85-01	MISCELLANEOUS DETAILS
44	AL-37	141-85-01	ENLARGED MECHANICAL SERVICE YARD PLAN
45	AL-38	141-85-01	FIRE-RATED CONSTRUCTION PLANS & CODE FOOTPRINT

STRUCTURAL DRAWINGS

46	SL-1	141-85-01	GENERAL NOTES
47	SL-2	141-85-01	TYPICAL GRADE SLAB AND FOOTING DETAILS
48	SL-3	141-85-01	TYPICAL CMU DETAILS
49	SL-4	141-85-01	TYPICAL PRESTRESSED HOLLOW CORE DETAILS
50	SL-5	141-85-01	TYPICAL STEEL BEAM CONNECTION DETAILS
51	SL-5A	141-85-01	TYPICAL STEEL DECK DETAILS
52	SL-6	141-85-01	FOUNDATION AND FIRST FLOOR PARTIAL PLAN
53	SL-7	141-85-01	SECOND FLOOR AND LOW ROOF FRAMING PLAN
54	SL-8	141-85-01	ROOF FRAMING PLAN
55	SL-9	141-85-01	BUILDING SECTION
56	SL-10	141-85-01	FOUNDATION AND FIRST FLOOR SECTIONS
57	SL-11	141-85-01	SECOND FLOOR SECTIONS
58	SL-12	141-85-01	LOW ROOF SECTIONS AND DETAILS
59	SL-13	141-85-01	ROOF FRAMING SECTIONS
60	SL-14	141-85-01	ROOF FRAMING SECTIONS AND DETAILS
61	SL-15	141-85-01	STAIRWAY PARTIAL PLANS AND SECTIONS
62	SL-15A	141-85-01	STAIRWAY PARTIAL PLANS AND SECTIONS
63	SL-16	141-85-01	STEEL ROOF FRAME SECTIONS AND DETAILS
64	SL-17	141-85-01	SOFFIT FRAMING PLAN, SECTION, AND DETAIL

MECHANICAL DRAWINGS

65	ML-1	141-85-01	GENERAL NOTES, MECHANICAL LEGEND, REFERENCE SYMBOLS
66	ML-2	141-85-01	MECHANICAL SITE PLAN
67	ML-3	141-85-01	FIRST FLOOR PLUMBING PLAN, FIRE PROTECTION NOTES
68	ML-4	141-85-01	SECOND FLOOR PLUMBING PLAN, FIRE PROTECTION NOTES
69	ML-5	141-85-01	PARTIAL FIRST FLOOR WATER PIPING PLANS
70	ML-6	141-85-01	PARTIAL FIRST FLOOR SANITARY PIPING PLAN
71	ML-7	141-85-01	SANITARY PIPING DIAGRAM
72	ML-8	141-85-01	HOT & COLD WATER PIPING DIAGRAM
73	ML-9	141-85-01	FIRST FLOOR MECHANICAL PLAN
74	ML-10	141-85-01	SECOND FLOOR MECHANICAL PLAN MECHANICAL NOTES
75	ML-11	141-85-01	ENLARGED MECHANICAL ROOM PLAN AND SECTION
76	ML-12	141-85-01	CHILLED WATER PIPING DIAGRAM AND HVAC CONTROL SCHEMATIC DIAGRAM
77	ML-13	141-85-01	EQUIPMENT SCHEDULES
78	ML-14	141-85-01	PLUMBING DETAILS
79	ML-15	141-85-01	PLUMBING DETAILS
80	ML-16	141-85-01	FIRE PROTECTION AND SEISMIC DETAILS
81	ML-17	141-85-01	FIRE PROTECTION AND SEISMIC DETAILS
82	ML-18	141-85-01	MECHANICAL DETAILS

83	ML-19	141-85-01	MECHANICAL DETAILS
84	ML-20	141-85-01	MECHANICAL DETAILS
85	ML-21	141-85-01	MECHANICAL DETAILS

ELECTRICAL DRAWINGS

86	EL-1	141-85-01	ELECTRICAL LEGEND AND NOTES
87	EL-2	141-85-01	FIRST FLOOR POWER/SIGNAL PLAN
88	EL-3	141-85-01	SECOND FLOOR POWER/SIGNAL PLAN
89	EL-4	141-85-01	FIRST FLOOR LIGHTING PLAN
90	EL-5	141-85-01	SECOND FLOOR LIGHTING PLAN
91	EL-6	141-85-01	TEL/DATADIAGRAM SINGLE-LINE DIAGRAM AND CATV DIAGRAM
92	EL-7	141-85-01	FIRE ALARM RISER DIAGRAM, FIRE ALARM SEQUENCE OF OPERATION MATRIX
93	EL-8	141-85-01	PANEL SCHEDULES
94	EL-9	141-85-01	LIGHTING FIXTURE SCHED, LIGHTING CONTROL DIAGRAM, ELEC. DETAILS
95	EL-10	141-85-01	ELECTRICAL DETAILS

ARCHITECTURAL DRAWINGS

96	AJ-1	141-85-01	FIRST FLOOR PLAN
97	AJ-1a	141-85-01	FIRST FLOOR PLAN
98	AJ-2	141-85-01	SECOND FLOOR PLAN
99	AJ-3	141-85-01	ROOF PLAN
100	AJ-4	141-85-01	FIRST FLOOR REFLECTED CEILING PLAN
101	AJ-5	141-85-01	SECOND FLOOR REFLECTED CEILING PLAN
102	AJ-6	141-85-01	ENLARGED TOILET PLANS & INTERIOR ELEVATIONS
103	AJ-6a	141-85-01	ENLARGED TOILET PLANS & INTERIOR ELEVATIONS
104	AJ-7	141-85-01	ENLARGED STAIR PLANS & SECTIONS
105	AJ-8	141-85-01	INTERIOR ELEVATIONS
106	AJ-9	141-85-01	INTERIOR ELEVATIONS
107	AJ-10	141-85-01	INTERIOR ELEVATIONS
108	AJ-11	141-85-01	EXTERIOR ELEVATIONS
109	AJ-11a	141-85-01	EXTERIOR ELEVATIONS
110	AJ-12	141-85-01	BUILDING SECTIONS
111	AJ-13	141-85-01	WALL SECTIONS
112	AJ-14	141-85-01	ROOM FINISH & COLOR SCHEDULE
113	AJ-15	141-85-01	ROOM FINISH & COLOR SCHEDULE
114	AJ-16	141-85-01	TYPICAL WALL TYPES
115	AJ-17	141-85-01	TYPICAL WALL TYPES
116	AJ-18	141-85-01	TYPICAL WALL TYPES
117	AJ-19	141-85-01	TYPICAL WALL TYPES
118	AJ-19a	141-85-01	TYPICAL WALL TYPES
119	AJ-20	141-85-01	DOOR TYPES & SCHEDULE
120	AJ-21	141-85-01	DOOR TYPES & SCHEDULE
121	AJ-22	141-85-01	DOOR DETAILS
122	AJ-23	141-85-01	DOOR DETAILS
123	AJ-24	141-85-01	WINDOW & LOUVER TYPES & SCHEDULE
124	AJ-25	141-85-01	WINDOW & LOUVER DETAILS
125	AJ-26	141-85-01	SIGNAGE PLANS
126	AJ-26a	141-85-01	SIGNAGE PLANS
127	AJ-27	141-85-01	SIGN SCHEDULE
128	AJ-27a	141-85-01	SIGN SCHEDULE
129	AJ-28	141-85-01	SIGN TYPES
130	AJ-29	141-85-01	SIGN DETAILS & MOUNTING ELEVATIONS

131	AJ-30	141-85-01	ROOFING DETAILS
132	AJ-31	141-85-01	ROOFING DETAILS
133	AJ-32	141-85-01	WIRE MESH PARTITION DETAILS & MISCELLANEOUS DETAILS
134	AJ-33	141-85-01	MISCELLANEOUS DETAILS
135	AJ-34	141-85-01	MISCELLANEOUS DETAILS
136	AJ-35	141-85-01	MISCELLANEOUS DETAILS
137	AJ-36	141-85-01	MISCELLANEOUS DETAILS
138	AJ-37	141-85-01	ENLARGED MECHANICAL SERVICE YARD PLAN & MISCELLANEOUS DETAILS
139	AJ-37a	141-85-01	ENLARGED MECHANICAL SERVICE YARD PLAN & MISCELLANEOUS DETAILS
140	AJ-38	141-85-01	FIRE-RATED CONSTRUCTION PLANS

#### STRUCTURAL DRAWINGS

140a	SJ-1	141-85-01	GENERAL NOTES AND TYPICAL SLAB DETAILS
140b	SJ-2	141-85-01	TYPICAL CMU DETAILS
141	SJ-3	141-85-01	FOUNDATIONS AND FIRST FLOOR PLAN
142	SJ-4	141-85-01	SECOND FLOOR PLAN AND FRAMING PLAN
143	SJ-5	141-85-01	ROOF FRAMING PLAN AND SECTIONS
144	SJ-6	141-85-01	FOUNDATION, STAIR AND TRENCH DETAILS
145	SJ-7	141-85-01	COLUMNS AND WALL ELEVATION AND SECTIONS
146	SJ-8	141-85-01	SECOND FLOOR BEAMS AND HOLLOW CORE PLANKS
147	SJ-9	141-85-01	ENTRANCE AND WASH AREA ROOF DETAILS
148	SJ-10	141-85-01	TRUSS AND ROOF DETAILS
149	SJ-11	141-85-01	ROOF DETAILS

#### MECHANICAL DRAWINGS

150	MJ-1	141-85-01	GENERAL NOTES, MECHANICAL LEGEND, REFERENCE SYMBOLS
151	MJ-2	141-85-01	MECHANICAL SITE PLAN
152	MJ-3	141-85-01	FIRST FLOOR PLUMBING PLAN, FIRE PROTECTION NOTES
153	MJ-4	141-85-01	FIRST FLOOR PLUMBING PLAN, FIRE PROTECTION NOTES
154	MJ-5	141-85-01	SECOND FLOOR PLUMBING PLAN, FIRE PROTECTION NOTES
155	MJ-6	141-85-01	PARTIAL FIRST FLOOR WATER PIPING PLANS
156	MJ-7	141-85-01	PARTIAL FIRST FLOOR SANITARY PIPING PLAN
157	MJ-8	141-85-01	SANITARY PIPING DIAGRAM
158	MJ-9	141-85-01	HOT & COLD WATER PARTIAL PIPING DIAGRAM
159	MJ-10	141-85-01	HOT & COLD WATER PARTIAL PIPING DIAGRAM
160	MJ-11	141-85-01	HOT & COLD WATER PARTIAL PIPING DIAGRAM
161	MJ-12	141-85-01	HOT & COLD WATER PARTIAL PIPING DIAGRAM
162	MJ-13	141-85-01	FIRST FLOOR MECHANICAL PLAN
163	MJ-14	141-85-01	FIRST FLOOR MECHANICAL PLAN
164	MJ-15	141-85-01	SECOND FLOOR MECHANICAL PLAN, MECHANICAL NOTES
165	MJ-16	141-85-01	ENLARGED MECHANICAL ROOM PLAN AND SECTION
166	MJ-17	141-85-01	ENLARGED MECHANICAL ROOM PLAN AND SECTION
167	MJ-18	141-85-01	CHILLED WATER PIPING DIAGRAM AND HVAC CO SCHEMATIC DIAGRAM
168	MJ-19	141-85-01	EQUIPMENT SCHEDULES
169	MJ-20	141-85-01	PLUMBING DETAILS
170	MJ-21	141-85-01	PLUMBING DETAILS
171	MJ-22	141-85-01	FIRE PROTECTION AND SEISMIC DETAILS

172	MJ-23	141-85-01	FIRE PROTECTION AND SEISMIC DETAILS
173	MJ-24	141-85-01	MECHANICAL DETAILS
174	MJ-25	141-85-01	MECHANICAL DETAILS
175	MJ-26	141-85-01	MECHANICAL DETAILS
176	MJ-27	141-85-01	MECHANICAL DETAILS

ELECTRICAL DRAWINGS

177	EJ-1	141-85-01	ELECTRICAL LEGEND AND NOTES
178	EJ-2	141-85-01	FIRST FLOOR POWER/SIGNAL PLAN
179	EJ-3	141-85-01	SECOND FLOOR POWER/SIGNAL PLAN
180	EJ-4	141-85-01	FIRST FLOOR LIGHTING PLAN
181	EJ-5	141-85-01	SECOND FLOOR LIGHTING PLAN
182	EJ-6	141-85-01	TEL/DATADIAGRAM SINGLE-LINE DIAGRAM AND CATV DIAGRAM
183	EJ-7	141-85-01	FIRE ALARM RISER DIAGRAM, FIRE ALARM SEQUENCE OF OPERATION MATRIX
184	EJ-8	141-85-01	PANEL SCHEDULES
185	EJ-9	141-85-01	LIGHTING FIXTURE SCHED, LIGHTING CONTROL DIAGRAM, ELEC. DETAILS
186	EJ-10	141-85-01	ELECTRICAL DETAILS

BUILDING COF-6

ARCHITECTURAL DRAWINGS

189	AM-1	141-85-01	FIRST FLOOR PLAN
190	AM-2	141-85-01	SECOND FLOOR PLAN
191	AM-3	141-85-01	ROOF PLAN
192	AM-4	141-85-01	FIRST FLOOR REFLECTED CEILING PLAN
193	AM-5	141-85-01	SECOND FLOOR REFLECTED CEILING PLAN
194	AM-6	141-85-01	ENLARGED TOILET PLANS & INTERIOR ELEVATIONS
195	AM-7	141-85-01	ENLARGED TOILET PLANS & INTERIOR ELEVATIONS
196	AM-7a	141-85-01	ENLARGED TOILET PLANS & INTERIOR ELEVATIONS
197	AM-9	141-85-01	ENLARGED STAIR PLANS
198	AM-10	141-85-01	STAIR SECTIONS
199	AM-10a	141-85-01	ENLARGED ARMS VAULT PLANS
200	AM-11	141-85-01	INTERIOR ELEVATIONS
201	AM-12	141-85-01	INTERIOR ELEVATIONS
202	AM-13	141-85-01	INTERIOR ELEVATIONS
203	AM-14	141-85-01	INTERIOR ELEVATIONS
204	AM-15	141-85-01	INTERIOR ELEVATIONS
205	AM-16	141-85-01	EXTERIOR ELEVATIONS
206	AM-17	141-85-01	EXTERIOR ELEVATIONS/SECTION
207	AM-18	141-85-01	BUILDING SECTIONS
208	AM-19	141-85-01	WALL SECTIONS
209	AM-20	141-85-01	ROOM FINISH & COLOR SCHEDULE
210	AM-21	141-85-01	ROOM FINISH & COLOR SCHEDULE
211	AM-22	141-85-01	TYPICAL WALL TYPES
212	AM-23	141-85-01	TYPICAL WALL TYPES
213	AM-24	141-85-01	TYPICAL WALL TYPES
214	AM-25	141-85-01	TYPICAL WALL TYPES
215	AM-26	141-85-01	DOOR TYPES & SCHEDULE
216	AM-27	141-85-01	DOOR DETAILS & KEYING CHART
217	AM-28	141-85-01	DOOR DETAILS

218	AM-29	141-85-01	DOOR DETAILS
219	AM-30	141-85-01	DOOR & MISCELLANEOUS DETAILS
220	AM-31	141-85-01	WINDOW & LOUVER TYPES & SCHEDULE
221	AM-32	141-85-01	WINDOW & LOUVER DETAILS
222	AM-33	141-85-01	SIGNAGE PLANS
223	AM-34	141-85-01	SIGN SCHEDULE
224	AM-35	141-85-01	SIGN TYPES
225	AM-36	141-85-01	SIGN DETAILS & MOUNTING ELEVATIONS
226	AM-37	141-85-01	ROOFING DETAILS
227	AM-37a	141-85-01	ROOFING DETAILS
228	AM-38	141-85-01	ROOFING DETAILS
229	AM-39	141-85-01	WIRE MESH PARTITION DETAILS
230	AM-40	141-85-01	MISCELLANEOUS DETAILS
231	AM-41	141-85-01	MISCELLANEOUS DETAILS
232	AM-42	141-85-01	MISCELLANEOUS DETAILS
233	AM-43	141-85-01	MISCELLANEOUS DETAILS
234	AM-44	141-85-01	ENLARGED MECHANICAL SERVICE YARD PLAN
235	AM-45	141-85-01	FIRE-RATED CONSTRUCTION PLANS

STRUCTURAL DRAWINGS

235a	SM-1	141-85-01	GENERAL NOTES AND ABBREVIATIONS
235b	SM-2	141-85-01	SMALL COMPANY - TYPICAL GRADE SLAB AND FOOTING DETAILS
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## SECTION 00800 Special Contract Requirements

### CLAUSES INCORPORATED BY FULL TEXT

#### S-8 UTILITY OUTAGES

Utility outages shall be as hereinafter specified, unless otherwise indicated or specified. Interruptions to existing utilities shall be held to a minimum. Outages to facilitate connections to existing systems shall be scheduled to take place during periods of minimum demand. The Contractor shall submit a planned schedule of outages to the Contracting Officer for proper coordination with existing facilities, and shall notify the Contracting Officer in writing not less than 45 days in advance of the intended interruptions. Planned schedule of outages shall include specific dates, times, and anticipated duration of proposed outages. In the event the proposed outages interfere with station operations, the Contracting Officer will consider or offer alternate dates and/or times. Outages may be permitted during off-peak hours, hours of darkness, weekends, and holidays, at no additional cost to the Government. Work shall be planned to minimize outages. No utility outage will be permitted until the Contractor receives written approval from the Contracting Officer.

[End of Statement]

#### S-36.8 GROUND-FAULT CIRCUIT INTERRUPTERS

Ground-fault circuit interrupters for all 125-volt single phase 15- and 20-ampere receptacle outlets which are not part of the permanent wiring of the building or structure shall be provided by the Contractor in accordance with Section 305-6 of the 1999 National Electrical Code.

[End of Statement]

#### S-36.7 IDENTIFICATION OF EMPLOYEES

The Contractor shall be responsible for furnishing to each employee and for requiring each employee engaged on the work to display such identification as may be approved and directed by the Contracting Officer. All prescribed identification shall immediately be delivered to the Contracting Officer for cancellation upon the release of any employee. When required by the Contracting Officer, the Contractor shall obtain and submit fingerprints of all persons employed or to be employed on the project.

[End of Statement]

#### S-36.6 CERTIFICATES OF COMPLIANCE

Any certificates required for demonstrating proof of compliance of materials with specification requirements shall be executed in five (5) copies. Each certificate shall be signed by an official authorized to certify in behalf of the manufacturing company and shall contain the name and address of the Contractor, the project name and location, and the quantity and date or dates of shipment or delivery to which the certificates apply. Copies of laboratory test reports submitted with certificates shall contain the name and address of the testing laboratory and the date or dates of the tests to which the report applies. Certification shall not be construed as relieving the Contractor from furnishing satisfactory material, if after tests are performed on selected samples, the material is found not to meet the specific requirements.

[End of Statement]

#### S-36.5 TIME EXTENSIONS FOR UNUSUALLY SEVERE WEATHER

1. This provision specifies the procedure for determination of time extensions for unusually severe weather in accordance with the contract clause entitled DEFAULT (FIXED-PRICE CONSTRUCTION). In order for the Contracting Officer to award a time extension under this clause, the following conditions must be satisfied:

a. The weather experienced at the project site during the contract period must be found to be unusually severe, that is, more severe than the adverse weather anticipated for the project location during any given month.

b. The unusually severe weather must actually cause a delay to the completion of the project. The delay must be beyond the control and without the fault or negligence of the Contractor.

2. The following schedule of monthly anticipated adverse weather delays is based on National Oceanic and Atmospheric Administration (NOAA) or similar data for the project location and will constitute the base line for monthly weather time evaluations. The Contractor's progress schedule must reflect these anticipated adverse weather delays in all weather dependent activities.

MONTHLY ANTICIPATED ADVERSE WEATHER DELAY  
WORK DAYS BASED ON 5 DAY WORK WEEK

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
4	5	6	4	3	3	3	4	3	5	4	7

3. Upon acknowledgment of the Notice to Proceed (NTP) and continuing throughout the contract, the Contractor will record on the daily CQC report, the occurrence of adverse weather and resultant impact to normally scheduled work. Actual adverse weather delay days must prevent work on critical activities for 50 percent or more of the Contractor's scheduled work day. The number of actual adverse weather delay days shall include days impacted by actual adverse weather (even if adverse weather occurred in previous month), be calculated chronologically from the first to the last day of each month, and be recorded as full days. If the number of actual adverse weather delay days exceeds the number of days anticipated in paragraph 2, above, the Contracting Officer will convert any qualifying delays to calendar days, giving full consideration for equivalent fair weather work days, and issue a modification in accordance with the contract clause entitled DEFAULT (FIXED-PRICE CONSTRUCTION). [ER 415-1-15, 31 Oct 89]

~~S-36.26 YEAR 2000 COMPLIANCE - CONSTRUCTION CONTRACTS (AUG 1998)~~

~~1. Definitions:~~

~~(a) "Information technology" means any equipment, or interconnected system(s) or subsystem(s) of equipment, that is used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information by the agency. The term "information technology" includes hardware (e.g., computers, microprocessors, ancillary equipment), software, firmware, and related resources.~~

~~(b) "Embedded system" means any device, equipment or system that includes information technology (i.e., microprocessor chip) as an integral part of the operation of the equipment. "Embedded system" is also referred to as "microprocessor-based equipment". Examples of "embedded system" include, but are not limited to, HVAC system, energy control system, fire detection and control system, utility monitoring and control systems, intrusion detection system, emergency generators, uninterruptable power supplies, telecommunications switches, leak detection systems, automated sprinkler system, etc. Refer to Appendix, entitled "Examples of~~

~~Embedded Systems" at the back of Section 00800, Special Contract Requirements, for additional examples.~~

~~(c) "Year 2000 compliant" means information technology accurately processes date/time data (including, but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000 and leap year calculations. Furthermore, Year 2000 compliant information technology when used in combination with other information technology shall accurately process date/time data if the other information technology properly exchanges date/time data with it.~~

~~2. In accordance with FAR 39.106, the contractor shall ensure that with respect to any design, construction, supplies, or services, as well as any subsequent task/delivery orders issued under this contract (if applicable), all information technology contained therein, including information technology in embedded systems, shall be Year 2000 compliant. Specifically, the contractor shall:~~

~~a. Perform, maintain, and provide an inventory of all major components to include structures, equipment, items, parts, and furnishing under this contract and each task/delivery order which may be affected by the Year 2000 compliance requirement.~~

~~b. Indicate whether each component is currently Year 2000 compliant or requires an upgrade for compliance prior to government acceptance.~~

~~c. Additional content of the inventory and submittal information is provided in Section 01600, YEAR 2000 COMPLIANCE.~~

~~\_\_\_\_\_ [End of Statement]~~

#### S-36.22 NOTICE OF PARTNERING

The Government intends to encourage the foundation of a cohesive partnering arrangement with the contractor and its subcontractors. This partnering arrangement will be structured to draw on the strengths of each organization to identify and achieve reciprocal goals. The objectives are effective and efficient contract performance intended to achieve completion within budget, on schedule, and in accordance with contract plans and specifications. This partnering arrangement will be bilateral in membership. To implement this partnering initiative, it is anticipated that within 60-days of Notice to Proceed, the contractor and Government management teams to include on-site and off-site management will attend a one (1) day partnering development seminar/team building workshop. Any costs associated with the partnering workshop, excluding salaries, travel, lodging, and food for Government personnel, shall be borne by the contractor. The facilitator for the workshop shall be an objective and neutral third party participant, skilled in team building and group dynamics, who has no vested interest in the decisions reached by the group. Up to ten (10) Government personnel will attend this workshop. The partnering workshop will be held in Hawaii.

[End of Statement]

#### S-36.21 AVAILABILITY AND USE OF UTILITY SERVICES (APR 1984)

(a) The Government shall make all reasonably required amounts of utilities available to the Contractor from existing outlets and supplies, as specified in the contract. Unless otherwise provided in the contract, the amount of each utility service consumed shall be charged to or paid for by the Contractor at prevailing rates charged to the Government or, where the utility is produced by the Government, at reasonable rates determined by the Contracting Officer. The Contractor shall carefully conserve any utilities furnished without charge.

(b) The Contractor, at its expense and in a workmanlike manner satisfactory to the Contracting Officer, shall install and maintain all necessary temporary connections and distribution lines, and all meters required to measure the amount of each utility used for the purpose of determining charges. Before final acceptance of the work by the Government, the Contractor shall remove all the temporary connections, distribution lines, meters, and associated paraphernalia.

(c) Schedule of utilities available from the Government without charge: Water and Electricity  
[End of Statement]

#### S-36.20 PERFORMANCE OF WORK BY THE CONTRACTOR - DEFINED (NOV 1998)

(a) "Work," means physical work activities, involving any of the trades required to directly place the construction required by the contract. It also includes physical activities that directly support the work, such as: (1) warehousing; (2) maintenance of equipment; (3) procurement and transportation of supplies or construction materials to the site for use by the contractor; (4) procuring, transporting and providing equipment for use by the contractor; (5) logistical activities that directly support the contractor's employees; and (6) similar activities. The meaning of the term does not include: (1) physical work performed by subcontractors; (2) procurement and transportation of supplies or construction materials to the site for use by subcontractors; (3) procuring, transporting and providing equipment for use by subcontractors; logistical activities undertaken by subcontractors for the benefit of contractor or subcontractor employees; (4) superintendence, quality control, clerical or similar activities; or (5) other activities of a similar nature.

Work will be quantified in terms of its monetary cost to the contractor, and will be compared to the total direct costs that the contractor incurs in performing the contract.

(b) "On the site" means the area within the construction limits depicted or described in the contract drawings or specifications. Activities such as transportation, maintenance and logistics that take place outside of the construction limits depicted or described are still "on the site," if in direct support of activities within the construction limits.

(c) "The contractor's own organization" means those individuals who are employed and paid by the contractor, whether full or part time. If a joint venture or partnership, members (and their paid employees) of the joint venture or partners are considered part of "the contractor's own organization." If a corporation, wholly-owned subsidiary elements of the corporation and their paid employees, are considered part of "the contractor's own organization." Any individual who is employed or paid, even on an occasional basis by an entity other than the contractor (such as a subcontractor), or any subcontractor or supplier to the contractor, is not considered part of "the contractor's own organization."

[End of Statement]

#### S-36.19 PROGRESS CHARTS

If the Government revises the work to be accomplished by issuing a Notice to Proceed with a change to the contract which would affect the order of work or duration of time for completing the work, the progress chart prepared by the Contractor pursuant to the Contract Clause entitled 'SCHEDULE FOR CONSTRUCTION CONTRACTS' shall be revised promptly by the Contractor by adding to, deleting, or rescheduling the affected features to indicate the Contractor's current plans for completing the work as revised. The cost for this revision of the schedule is a part of the cost of the change. Revisions to the progress charts shall be made no later than the next regular progress updating following notice to proceed with the change, whether or not the formal modification to the contract has been issued. If the Contractor fails or refuses to incorporate the changed work in the progress chart, the Contracting Officer may furnish revisions which the

Contractor shall include and use in the progress chart until the modification is settled or until actual dates supersede the estimated data. If the Contractor objects to the changes furnished by the Contracting Officer, it shall submit such objections in writing along with a counterplan within 20 days after the date suggested revisions were furnished by the Contracting Officer. Failure to submit objections and counterplan within the 20 days will be deemed to indicate the Contractor's concurrence in the Contracting Officer's suggested revisions. The schedule into which these revisions have been incorporated shall become the current schedule for continued evaluation of progress and the document which will be used to evaluate impact on the Contractor's work for time extensions.

[End of Statement]

#### S-36.18 ACCIDENT PREVENTION PLAN (DEC 1998)

Within 15 days after receipt of Notice of Award of the contract, and at least 7 days prior to the preconstruction conference, four copies of the Accident Prevention Program shall be submitted to the Contracting Officer for review and acceptance. The program shall consist of the following forms and documents:

(a) An executed POD Form 248-R Rev (1 Jun 98), Accident Prevention Program, Administrative Plan.

(b) An executed POD Form 184-R Rev (16 Oct 98), Activity Hazard Analysis. (At the Contracting Officer's discretion, the Contractor may submit its Activity Hazard Analysis only for the first phase of construction provided that it is accompanied by an outline of the remaining phases of construction. All remaining phases shall be submitted and accepted prior to the beginning of work in each phase.)

(c) A copy of company policy statement of accident prevention and any other guidance statements normally provided new employees.

Contractor shall not commence physical work at the site until the program has been accepted by the Contracting Officer, or his authorized representative. In developing and implementing its Accident Prevention Program, the Contractor is also responsible for reviewing Section 1 of the most current edition (Sep 1996) of US Army Corps of Engineers Safety and Health Requirements Manual, Engineer Manual 385-1-1. [See paragraph entitled, SAFETY STANDARDS, in Section 00800]

[End of Statement]

#### S-36.17 EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE (AUG 1999)

Whenever a contract or modification of contract price is negotiated, the Contractor's cost proposals for equipment ownership and operating expenses shall be determined in accordance with the requirements of Special Contract Requirements statement, entitled "EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE," of this solicitation. EP 1110-1-8 "Construction Equipment Ownership and Operating Expense Schedule" is available at [http://www.usace.army.mil/inet/usace-docs/eng-pamphlets/ep1110-1-8\(vol10\)/toc.htm](http://www.usace.army.mil/inet/usace-docs/eng-pamphlets/ep1110-1-8(vol10)/toc.htm) for State of Hawaii (Region 10) and at [http://www.usace.army.mil/inet/usace-docs/eng-pamphlets/ep1110-1-8\(vol12\)/toc.htm](http://www.usace.army.mil/inet/usace-docs/eng-pamphlets/ep1110-1-8(vol12)/toc.htm) for Kwajalein Island, Roi-Namur Island, and Meck Island (Area 12), including Guam, American Samoa, and Johnston Island). [FAR 31.105(d)(2)(i) and EFARS 31.105(d)(2)(i)(b)].

[End of Statement]

#### S-36.15 AGGREGATE SOURCES

(a) deleted.

(b) Concrete aggregates meeting the requirements of Section 03300 of the Technical Requirements can be produced from the approved sources listed below:

Ameron HC&D, Ltd., Kapaa Quarry, Kailua, Oahu, Hawaii  
Grace Pacific Corp., Puu Makakilo Quarry, Oahu, Hawaii  
Hawaiian Cement, Halawa Quarry, Oahu, Hawaii

(c) Concrete aggregates may be furnished from any of the above listed sources or at the option of the contractor may be furnished from any other source designated by the contractor and approved by the Contracting Officer, subject to the conditions hereinafter stated.

(d) After the award of the contract, the contractor shall designate in writing only one source or combination of sources from which he proposes to furnish aggregates. If the contractor proposes to furnish aggregates from a source or from sources not listed above he may designate only a single source or single combination of sources for aggregates. Samples for acceptance testing shall be provided as required by Section 03300 of the Technical Requirements. If a source for coarse or fine aggregate so designated by the contractor is not approved for use by the Contracting Officer, the contractor may not submit for approval other sources but shall furnish the coarse or fine aggregate, as the case may be, from an approved source listed above at no additional cost to the Government.

(e) Listing of a concrete aggregate source is not to be construed as approval of all material from the source. The right is reserved to reject materials from certain localized areas, zones, strata, or channels, when such materials are unsuitable for concrete aggregate as determined by the Contracting Officer. Materials produced from an approved source shall meet all the requirements of Section 03300 of the Technical Requirements of these specifications.

[End of Statement]

#### S-36.12 PROJECT SIGN

A project sign shall be fabricated and erected at a location designated by the Contracting Officer. The sign shall be constructed as shown on Drawing Nos. 40-21-01 and 40-21-06 copies of which are provided at the end of this section. The sign shall be erected as soon as possible and within 15 days after the date of notice to proceed. Upon completion of the project, the sign shall be removed and disposed of.

[End of Statement]

#### S-36.11 POSTERS AND NOTICES

Wage Rate, Equal Employment Opportunity, and Nondiscrimination in Employment Posters and Notices will be provided to the Contractor by the Contracting Officer. The Contractor shall mount these posters and notices, together with the wage determination decision, under weatherproof, transparent, protective covering, in one or more conspicuous places, as approved, and readily available to employees.

[End of Statement]

#### S-36.10 WARRANTY IMPLEMENTATION (MARCH 2000)

(a) The Contractor shall designate a representative within the State of Hawaii to implement the Warranty of Construction clause. The Contractor may designate himself provided he has a

permanent office in the State of Hawaii. The Contractor may designate different representatives for separate specialties of work.

(b) The name, address, telephone number of each representative, and nomenclature of warranty item shall be submitted to the Contracting Officer's representative at least 30 days prior to the contract completion date or beneficial occupancy of the work or part thereof. For the purposes of paragraph f of the warranty clause, a reasonable time shall be considered to be as follows:

(1) 21 calendar days from the receipt of a written notification of any failure, defect, or damage of such nature that the work remains functional or habitable or both, as applicable.

(2) 24 hours for failures, defects or damages which render the work nonfunctional or uninhabitable or both, as applicable. Response in this instance starts from receipt of verbal notification from an authorized Government representative. Written confirmation will follow the initial verbal request.

[End of Statement]

#### S-28.8 PERFORMANCE AND PAYMENT BONDS (OCT 1995)

(Applicable to contracts exceeding \$100,000)

Within fourteen (14) calendar days after the date of contract award, the offeror to whom award is made shall furnish the Government with two bonds, each with good and sufficient surety or sureties acceptable to the Government; namely, a Performance Bond (Standard Form 25) and a Payment Bond (Standard Form 25-A).

Any bonds furnished will be furnished by the Contractor to the Government prior to issuance of a Notice to Proceed by the Government. [FAR 28.102-3]

[End of Statement]

#### S-28.7 REQUIRED INSURANCE (Dec 1993)

(The following is applicable when work is performed on a government installation.)

The minimum insurance requirements, pursuant to Section 00700, Contract Clause, "INSURANCE - - WORK ON A GOVERNMENT INSTALLATION" of this contract, are:

Workers' Compensation and Employer's Liability Insurance - Minimum coverage of \$100,000.

Comprehensive General Liability Insurance - Minimum coverage of \$500,000 per occurrence.

Automobile Liability Insurance

(1) Bodily Injury: Minimum coverage of \$200,000 per person and \$500,000 per occurrence.

(2) Property Damage: Minimum coverage of \$20,000 per occurrence.

The Contractor shall insert the substance of this clause in subcontracts under this contract that require work on a Government installation. The Certificate Holder for Subcontractors' Certificates of Insurance shall be the U.S. Army Engineer District, Honolulu, Fort Shafter, Hawaii 96858-5440. [FAR 28.306 and 28.307-2]

[End of Statement]

S-23.1 Emergency Planning Community Right to Know Act (EPCRA) Extremely Hazardous Substances (EHS), CERCLA Hazardous Substances, and other OSHA Hazardous Chemicals (May 2000)

This applies to any contractor utilizing EPCRA EHS, CERCLA hazardous substances, and other OSHA hazardous chemicals in performance of any work while on any US Army Garrison, Hawaii (USAG-HI) installations. The EPCRA EHS are defined in EPA document EPA 550-B-98-017, Title III List of List, Consolidated List of Chemicals Subject to the Emergency Planning and Community Right to Know Act and Section 112(r) of the Clean Air Act Amended. Contractors are responsible for knowing which chemicals they may use or transport are contained on the list. For convenience, contractors may review a copy of the EPA document at the Directorate of Public Works (DPW) Environmental Department. To obtain a copy of the list, the document is also available at the U.S. Environmental Protection Agency (EPA) Web address <http://www.epa.gov/ceppo/p-gen.htm>. For contractors' information, the locations of these chemicals stored on USAG-HI installations are available upon request. To obtain the list of locations, forward request to the following E-mail address: [takenakc@schofield-emh1.army.mil](mailto:takenakc@schofield-emh1.army.mil). Indicate name, company, contract awarded and description of contract. A data base of locations of chemicals will then be forwarded upon review and approval of request. Contractors working on USAG-HI installations are encouraged to review this database which will provide information where potentially hazardous chemicals are stored.

(1) Reporting. All spills of substances containing EPCRA EHS and CERCLA hazardous substances, and OSHA hazardous chemicals will be immediately reported to the Directorate of Public Works (DPW) Spill Response line at 656-1111 during normal working hours. After normal working hours or weekends/holidays, all spills will be reported to the DPW Work Order Desk at 656-1275. The Contracting Officer must be notified during the first business hour immediately after. All waste developed resulting from EPCRA EHS, CERCLA hazardous substances, and other OSHA hazardous chemicals being utilized will be immediately reported to the DPW Environmental Office, phone: 656-2878 x 1022 (Mr. Akasaki).

(2) All Contractors Utilizing Substances Containing EPCRA EHS, CERCLA hazardous substances, and other OSHA hazardous chemicals will perform the following prior to contract start.

(a) Review the Installation Spill Contingency Plan, the Installation Hazardous Waste Management Plan and the 40-hour Environmental Compliance Officer Course manual available at the DPW Environmental Department or at the Directorate of Contracting. Upon review, the contractor or designated responsible employee shall sign a certification statement that they have reviewed and understand the contents of these documents.

(b) Provide a list of all EPCRA EHS, CERCLA hazardous substances, and other OSHA hazardous chemicals projected to be utilized, the estimated quantities of each and the Material Safety Data Sheets to the DPW Environmental Department and also to building 6040 East Range for material bar-codes.

(c) Provide the name, phone number, and pager number of a company spill response point of contact. The point of contact must be trained in spill response.

(d) Provide a copy of an agreement with a hazardous materials spill response company in the event of a spill.

(e) Provide copies of training certificates on environmental training and spill response training.

(f) Appoint a primary and alternate Environmental Compliance Officer in writing.

(g) Develop a notification procedure in the event of a spill to include phone numbers of response personnel, support agencies, National Response Center, State Hazard Evaluation Emergency Response Office and Civil Defense.

(3) Annual Update. On an annual basis, but not later than 1 February of each year, provide DPW Environmental Department an updated list as referenced in (2)(b) above.

(4) Contractor Caused Spills or Waste Generated of Substances Containing EPCRA EHS, CERCLA Hazardous Substances, and OSHA Hazardous Chemicals.

(a) All spills caused by the contractor will be cleaned up under supervision of the contractor and a qualified hazardous materials spill response company, at no cost to the government, in accordance with all applicable laws and regulations and to the satisfaction of the DPW Environmental Department.

(b) Accomplish all spill notifications as required by the U.S. Environmental Protection Agency and State of Hawaii to the Hazard Evaluation Emergency Response Office, Local Emergency Response Commission and National Response Center.

(c) Pay for disposal cost of all contaminated materials to include but not limited to soil, sorbent materials, disposable equipment and other materials contaminated by the spill. Ensure all disposal is in accordance with all applicable laws and regulations at authorized disposal sites.

#### S-19 SAFETY STANDARDS

The successful offeror will be required to comply with Chapter 396 of the Hawaii Occupational Safety and Health Act (OSHA) standards and Title 12 Department of Labor and Industrial Relations, Subtitle 8 Division of Occupational Safety and Health, Part 2 General Industry Standards as well as with the Corps of Engineers Manual 385-1-1, Safety and Health Requirements Manual. [Title 29, CFR, Chap 18, Part 1910 (OSHA)]  
[End of Statement]

#### S-18 ASBESTOS --- (OCCUPATIONAL HEALTH AND ENVIRONMENTAL)

(a) THE CONTRACTOR IS WARNED THAT EXPOSURE TO AIRBORNE ASBESTOS HAS BEEN ASSOCIATED WITH FOUR DISEASES: LUNG CANCER, CERTAIN GASTROINTESTINAL CANCERS, PLEURAL OR PERITONEAL MESOTHELIOMA AND ASBESTOSIS. Studies indicate there are significantly increased health dangers to persons exposed to asbestos who smoke and further, to family members and other persons who become indirectly exposed as a result of the exposed worker bringing asbestos-laden work clothing home to be laundered.

(b) The Contractor is advised that friable and/or nonfriable asbestos containing material has been identified in area(s) where contract work is to be performed. Friable asbestos containing material means any material that contains more than 1 percent asbestos by weight that hand pressure can crumble, pulverize or reduce to powder when dry. Nonfriable asbestos containing materials do not release asbestos fiber during routine handling and end-use. However, excessive fiber concentrations may be produced during uncontrolled abrading, sanding, drilling, cutting, machining, removal, demolition or other similar activities.

(c) Care must be taken to avoid releasing, or causing to be released, asbestos fibers into the atmosphere where they may be inhaled or ingested. The Occupational Safety and Health

Administration (OSHA) has set standards at 29 CFR 1910.1001, for exposure to airborne concentrations of asbestos, fibers, methods of compliance, medical surveillance, housekeeping procedures and other measures that must be taken when working with or around asbestos containing materials which release airborne asbestos fibers at concentrations in excess of those established 29 CFR 1910.1001. 29 CFR 1910.1001 has been identified as applicable to construction (29 CFR 1926.55 gases, vapors, fumes, dusts and mists). The Environmental Protection Agency (EPA) has established standards at 40 CFR 61.140-156 for the control of asbestos emissions to the environment and the handling and disposal of asbestos wastes.

(d) When contract work activities are carried out in locations where the potential exists for exposure to airborne asbestos fibers as described in paragraph (b), or where asbestos waste will be generated, the Contractor shall assure that all measures necessary to provide effective protection to persons from exposure to asbestos fibers (and prevention of contamination to property, materials, supplies, equipment and the internal and external environment) are effectively instituted.

(e) As a minimum, the Contractor shall comply with the provisions of 29 CFR 1910.1001 and 1926.55; 49 CFR 72.101, 172.200-204, 172.316, 173.1090; 40 CFR 61.140-156; and any state implementing hazardous waste under the Resources Conservation and Recovery Act (RCRA) requirements and any other applicable federal, state or local requirements.

(f) In addition to the information required in Contract Clause, ACCIDENT PREVENTION, of this contract, the Contractor's Accident Prevention Plan must also fully address the following topics, and at the Contractor's option may include additional information as applicable.

(1) Medical Surveillance: (29 CFR 1910.1001(J)).

(2) Employee training: Prior to beginning work in asbestos containing material area(s) (29 CFR 1910.1001 and 29 CFR 1910.134).

(3) Respiratory protection: (29 CFR 1910.1001 and 29 CFR 1910.134)

(4) Personal protective clothing and equipment: (29 CFR 1910.1001(d)). The use of compressed air to remove asbestos from workers' clothing is prohibited. The Contractor shall specify the type of change room, wash facilities and laundering facilities as applicable.

(5) Airborne asbestos monitoring: 29 CFR 1910.1001(f)). Specify the monitoring and analytical procedures to be used before, during, and after completion of contract work in areas where asbestos containing materials are located. All asbestos monitoring shall be conducted under the guidance of an industrial hygienist certified by the American Board of Industrial Hygiene. Samples shall be analyzed by an American Industrial Hygiene Association (AIHA) accredited laboratory proficient in the analysis of asbestos and asbestos containing materials. Turn around time from end of sampling period to review of results of analyses by Contractor shall be no longer than 72 hours.

(6) Housekeeping: (29 CFR 1910.1001(h)). Dry sweeping of contract work areas contaminated with asbestos containing material is prohibited. The Contractor shall specify methods and materials used to package asbestos containing waste and plan to control any incidental airborne release or spill of asbestos containing material.

(7) Methods of compliance: (29 CFR 1910.1001(c)). Contractor shall include procedures relating to engineering controls, local exhaust ventilation, particular tools to be used and work practices (1910.1001(c)). Specify methods, materials and equipment to be used to prevent asbestos contamination to property, materials, supplies, equipment and the internal and external environment during maintenance, renovation or other contract activities. Local Exhaust ventilation equipment including power operated tools equipped with local exhaust ventilation shall

conform with the Standard Fundamentals Governing the Design and Operation of Local Exhaust Systems ANSI Z9.2 latest revised edition. Describe the type of high-efficiency filtered (HEPA) vacuum cleaners that shall be used to vacuum asbestos containing materials. Describe methods and materials to be used to assure all asbestos containing material will be thoroughly wetted by use of a wetting agent and water before removal and that airborne asbestos dust will be kept to a minimum.

(8) Methods and materials to be used to decontaminate any property, materials, supplies, equipment and the environment if asbestos contamination results. (29 CFR 1910.1001(c)).

(9) Recordkeeping procedures. (29 CFR 1910.1001(i) and 1910.20).

(10) Specific description of packaging, marking and shipping conveyances to be used to transport asbestos containing waste from the generation point to a storage or disposal facility in compliance with Department of Transportation requirements. (49 CFR 172.101, 172.200-204, 176.316, 173.1090).

(11) Emergency procedures that would be taken if an accident of spill of asbestos containing material occurs during the transport of asbestos containing waste. (40 CFR 61.20-25).

(12) Methods and equipment used to off load and bury asbestos containing waste control airborne emissions at the burial site. (40 CFR 61.20-25).

(g) The Contractor shall complete and return to the Contracting Officer within 15 working days after the completion of all airborne asbestos monitoring conducted under this contract, a 'Summarization of Airborne Asbestos Sampling Results' form (ENG Form 4921-R, Jan 86) provided by the Government. NOTE: This completed summarization form is to be used by the US Army Corps of Engineers for statistical information purposes and does not relieve the Contractor from his recordkeeping requirements as described in 29 CFR 1910.1001(i) and 1910.20.

(h) An industrial hygiene asbestos survey was conducted in the contract work area(s) to identify the presence of asbestos containing materials as described in paragraph (b) above. The data collected is contained in the ASBESTOS SURVEY REPORT.

(i) The industrial hygiene asbestos survey described in paragraph (h) may not have identified all asbestos containing materials in the contract work area(s). When contract work area(s) appear to have asbestos containing material not identified in the ASBESTOS SURVEY REPORT, the Contractor shall conduct an asbestos survey to identify such material(s) in a manner similar to that described in the ASBESTOS SURVEY REPORT.

[End of Statement]

52.231-5000 EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE (MAR 1995) — EFARS

(a) This clause does not apply to terminations. See 52.249-5000, Basis for settlement of proposals and FAR Part 49.

(b) Allowable cost for construction and marine plant and equipment in sound workable condition owned or controlled and furnished by a contractor or subcontractor at any tier shall be based on actual cost data for each piece of equipment or groups of similar serial and series for which the Government can determine both ownership and operating costs from the contractor's accounting records. When both ownership and operating costs cannot be determined for any piece of equipment or groups of similar serial or series equipment from the contractor's accounting records, costs for that equipment shall be based upon the applicable provisions of EP 1110-1-8,

Construction Equipment Ownership and Operating Expense Schedule, Region X. Working conditions shall be considered to be average for determining equipment rates using the schedule unless specified otherwise by the contracting officer. For equipment not included in the schedule, rates for comparable pieces of equipment may be used or a rate may be developed using the formula provided in the schedule. For forward pricing, the schedule in effect at the time of negotiations shall apply. For retroactive pricing, the schedule in effect at the time the work was performed shall apply.

(c) Equipment rental costs are allowable, subject to the provisions of FAR 31.105(d)(ii) and FAR 31.205-36. Rates for equipment rented from an organization under common control, lease-purchase arrangements, and sale-leaseback arrangements, will be determined using the schedule, except that actual rates will be used for equipment leased from an organization under common control that has an established practice of leasing the same or similar equipment to unaffiliated lessees.

(d) When actual equipment costs are proposed and the total amount of the pricing action exceeds the small purchase threshold, the contracting officer shall request the contractor to submit either certified cost or pricing data, or partial/limited data, as appropriate.

(End of clause)

#### 52.249-5000 BASIS FOR SETTLEMENT OF PROPOSALS.

##### BASIS FOR SETTLEMENT OF PROPOSALS

"Actual costs will be used to determine equipment costs for a settlement proposal submitted on the total cost basis under FAR 49.206-2(b). In evaluating a terminations settlement proposal using the total cost basis, the following principles will be applied to determine allowable equipment costs:

(1) Actual costs for each piece of equipment, or groups of similar serial or series equipment, need not be available in the contractor's accounting records to determine total actual equipment costs.

(2) If equipment costs have been allocated to a contract using predetermined rates, those charges will be adjusted to actual costs.

(3) Recorded job costs adjusted for unallowable expenses will be used to determine equipment operating expenses.

(4) Ownership costs (depreciation) will be determined using the contractor's depreciation schedule (subject to the provisions of FAR 31.205-11).

(5) License, taxes, storage and insurance costs are normally recovered as an indirect expense and unless the contractor charges these costs directly to contracts, they will be recovered through the indirect expense rate."

(End of Statement)

##### ASBESTOS PROHIBITION & CERTIFICATION (SEP 2000)

a. Materials or products containing more than one percent asbestos shall not be used in this project. The Contracting Officer, at any time prior to acceptance of the work, or during the period designated for warranty of the work, if any, may reject materials and products that contain asbestos in excess of one percent, and direct the removal of such materials and products from the jobsite, at the sole expense of the contractor, and without additional time granted for

performance of the work. After completion of this contract, if asbestos (exceeding 1%) is discovered in the products or materials (excluding items permitted by the exception) installed by the contractor, the Government reserves the right to direct the Contractor to perform asbestos abatement and restoration work, as required, at the Contractors' sole cost. Asbestos abatement work (removal and disposal of asbestos-containing materials and products) shall be accomplished in accordance with currently applicable United States Government and State of Hawaii standards for such work.

"Exception: Where suitable asbestos-free (equal to or less than 1% asbestos) substitutes do not exist for a material or product, the contractor may use a material or product containing asbestos in excess of 1%, with the prior written approval of the Contracting Officer. The Contractor shall submit a written request for such substitution, accompanied by a certification from the manufacturer of the material or product that shall set forth, in specific detail, the amount of asbestos present in the material or product. When available, laboratory analysis of the material or product for asbestos content shall be included with the submittal."

b. The Government may conduct asbestos testing on suspected asbestos-containing materials and products excluding items permitted by the "Exception", and such testing will be conducted at the expense of the Government. However, wherever destructive testing is required, or a material or product must be utilized by the Government for testing, the Contractor, shall, at its own expense, repair or replace the material or product, or the item of work that has been disturbed by testing, if the test results confirm presence of asbestos exceeding 1%. In the event test results indicate 1% or less asbestos content or complete absence of asbestos, the Contractor shall restore the test site to its original condition and the cost of restoration work, as approved by the Contracting Officer, shall be borne by the Government.

c. As a minimum, the Contractor shall furnish manufacturer's certification for the items listed below, excluding items permitted by the "Exception", certifying that they are asbestos free or do not contain asbestos in excess of 1%, as applicable. However, when presence of asbestos is suspected in other products and materials used in this project, the Contractor shall be required to provide such certification for those additional items when so directed by the Contracting Officer. Asbestos certification shall be required for the items applicable to this project only.

1. Vinyl sheet/vinyl tile flooring, including accessories and adhesives
2. Insulation materials including facing
3. Gaskets for piping and duct work
4. Acoustical Tiles
5. Firestopping materials
6. Fireproofing materials

7. Special Coating, including factory applied coatings, on sheetmetal roofing and siding
8. Wallboard for all interior and exterior applications including joint compounds
9. Adhesives (other than Item 1) used in the project
10. Tape materials used in the project
11. Roofing and Siding, nonmetallic
12. Felt materials and cushion materials
13. Pre-mixed mortars, grouts, leveling compounds, fillers, and other cementitious materials
14. Caulking and sealing materials

d. All submittals shall be accompanied by a certification from the manufacturer of the material or product that the material or product is asbestos-free; or shall set forth, in specific detail, the amount of asbestos present in the material or product. Documentary evidence of laboratory analysis of the material or product for asbestos content, conducted by an independent testing laboratory accredited for asbestos analysis by either the American Industrial Hygiene Association (AIHA) or the National Voluntary Laboratory Accreditation Program (NVLAP) administered by the National Institute of Standards and Technology (NIST).

e. The Contractor shall implement asbestos awareness and require all subcontractors, vendors, and suppliers to furnish materials and products free of asbestos except where and exception is warranted. The Contractor shall require all subcontractors, vendors, and suppliers to provide manufacturers certifications and data to support the exception. The request for exception shall be provided in writing to the Contracting Officer 30 days prior to commencement of any field work related to that product for which the exception is sought for the project.

f. The Contractor shall monitor all subcontractors, vendors, and suppliers to ensure asbestos containing building materials are not used in the project except those permitted by the Exception.

g. Recording

(1) The Contractor shall annotate on the as-built drawings the location where asbestos containing building materials and products have been used. The annotation shall contain the material and quantity.

(2) Where projects are completed using no asbestos, the Contractor shall prepare and sign a Certification of Asbestos Free Facility. The certification shall contain the project name, contract number, date of certification, and Contractor's name. The certificate shall state that, to the best of Contractor's knowledge, the facility has

been completed without the use of asbestos containing building materials and products. The certification shall be signed by the company president or principal or by an individual authorized to sign for the president or principal.

#### **S-1a REPORTING OF CONTRACTOR MANPOWER DATA ELEMENTS (FEB 2001)**

**(a) Scope.** The following sets forth contractual requirements for reporting of contractor labor work year equivalents (also called Contractor Man-year Equivalents (CMEs)) in support of the Army, pursuant to 10 U.S.C. 129a, 10 U.S.C. 2461(g), Section 343 of P.L. 106-65, and 32 CFR 668. Reporting shall be accomplished electronically by direct contractor submission to the secure Army Web Site: <https://contractormanpower.us.army.mil>. (Note: In order to access this secure site, the Windows browser software must be upgraded to support 128-bit encryption)

Information on the background, purposes, and significance of this reporting requirement, and the 32 CFR 668 Final Rule as published in the Federal Register, can be found at this Web Site. In addition, a Help Desk function, detailed instructions on what and how to report, FAQs, and a site demonstration are available. The Army's objective is to collect as much significant CME data as possible to allow accurate reporting to Congress and for effective Army planning. The reporting data elements should not be viewed as an "all or nothing" requirement. Even partial reporting, e.g., direct labor hours, appropriation data, place of performance, Army customer, etc., will be helpful.

**(b) Applicability.** This reporting requirement applies to services covered by Federal Supply Class or Service codes for "Research and Development," and "Other Services and Construction." Report submissions shall not contain classified information. (Also see "Exemptions" at (d) below.)

For indefinite-delivery indefinite-quantity contracts, this reporting requirement will only apply to task orders exceeding \$25,000.

**(c) Requirements.** The contractor is required to report the following contractor manpower information, associated with performance of this contract action in support of Army requirements, for all covered contracts, to the Office, Assistant Secretary of the Army (Manpower and Reserve Affairs) (ASA(M&RA)), using the secure Army data collection web-site at <https://contractormanpower.us.army.mil>. (Other information requirements associated with the manpower data collection (contract and task or delivery order numbers; appropriation data and amounts; total estimated value of contract; federal supply class or service code; major Army organizational element receiving or reviewing work; beginning and ending date for reporting period; place of performance; name, address, and point of contract for contractor; etc.) are specified and explained at the web site.)

**(1) Labor Hours.** Composite direct labor hours and the value of those hours. Composite indirect labor hours associated with the reported direct hours, and the value of those indirect labor hours plus compensation related costs for direct labor hours ordinarily included in the indirect pools.

**(2) Rates.** Alternatively, contractors may report two distinct, relevant (annualized) composite or average indirect labor rates in lieu of raw indirect labor hours and the value of those indirect hours. Such rates shall be annualized average estimates for the reporting contractor and need not be developed for each reporting period. Either method chosen should be consistently reported.

**(d) Exemption(s).** If the contractor is unable to comply with these reporting requirements without creating a whole new cost allocation system or system of records (such as a payroll accounting system), or due to similar insurmountable practical or economic reasons, the contractor may claim an exemption to at least a portion of the reporting requirement by certifying in writing to the contracting officer the clear underlying reason(s) for exemption from the specified report data

element(s), and further certifying that they do not otherwise have to provide the exempted information, in any form, to the United States Government. The "self-exemption" will apply to all contract actions involving the contractor and will be reviewed and approved by the Deputy Assistant Secretary of the Army (Procurement), in coordination with the Deputy Assistant Secretary of the Army (Force Management and Resources), whose decision is final in this matter.

(e) **Uses and Safeguarding of Information.** The information submitted will be treated as contractor proprietary information when associated with a contractor name or contract number.

(f) **Subcontract Data.** The contractor shall ensure that all reportable subcontract data is timely reported to the data collection web site (citing this contract/order number). At the discretion of the prime contractor, this reporting may be done directly by subcontractors to the data collection site; or by the prime contractor after consolidating and rationalizing all significant data from their subcontractors.

(g) **Report schedule.** The contractor is required to report the required information to the ASA(M&RA) data collection web site generally contemporaneous with submission of a request for payment (for example, voucher, invoice, or request for progress payment), but not less frequently than quarterly, retroactive to October 1, 1999, or the start of the contract/order, whichever is later. Deviation from this schedule requires approval of the contracting officer.

The contractor shall include a statement in their payment request that Contractor Manpower Reporting has been completed by their firm and applicable subcontractors. Government officials will verify prime contractor and subcontractor compliance with the reporting requirement. Compliance with this requirement is an integral part of the performance of this contract and will be reflected in the performance evaluation of this contract.

(h) **Reporting Flexibility.** Contractors are encouraged to communicate with the Help Desk identified at the data collection web site to resolve reporting difficulties. The web site reporting pages include a "Remarks" field to accommodate non-standard data entries if needed to facilitate simplified reporting and to minimize reporting burdens arising out of unique circumstances. Changes to facilitate reporting may be authorized by the contracting officer or the Help Desk (under HQDA policy direction and oversight). Help Desk may be contacted as follows:

**Technical Help Desk: (703) 790-5289 or e-mail to:  
contractormanpowertech@hqda.army.mil**

**Functional Help Desk: e-mail to: contractormanpowertech@hqda.army.mil**

[End of Statement]

A84. Equipment is not required. Electronic Routing/Switching Devices will be provided and installed by the government and is outside the scope of the contract.

**Commercial Shelving, Inc., Jan 19:**

Q85. Specification Section 10550, Part 2 Products, 2.1 Mailboxes. "Mailboxes shall be USPS approved.....and shall be nine units high."

For USPS delivery, maximum height is seven units high, for private mail distribution maximum height is nine units high without USPS approval. Please furnish clarification on the mailbox use. USPS delivery or private mail distribution. There will be a loss of eighty-eight units for the seven units high, USPS approved and this will definitely impact the existing design and cost of this section.

A85. Provide mailbox compartments in nine units high configuration and quantities as shown on the drawings. Mail will be distributed by non USPS personnel. Specification states that mailboxes shall be USPS approved "except that the mailboxes shall be provided with combination locks, in lieu of key locks and shall be nine units high."

**Pioneer Woodworking Co., Inc., Jan 20:**

Q86. Division 12320, Part 2.1.1 references frame cabinets. Would frameless front cabinet using the specifications in Division 12320 Parts 2.4.1 thru 2.4.4 be an acceptable alternate? It would be a cost savings to the government with NO sacrifice to the quality of the cabinets.

A86. No, see response to question 67.

**Hawaiian Dredging Construction Co., Jan 22:**

Q87. "Phasing Plan" (plan sheet CG-4) note #2 and "Road Closure Plan" (plan sheet CG-4) note #1. Will the contractor be permitted to work on at least two blocks of roadway at one time instead of the one block of roadway as specified? This will result in savings in construction costs and reduce the duration of the project.

A87. No. The one block at a time closure was coordinated with DPW Traffic Engineer.

**Compass-Concepts, Jan 23:**

Q88. Specification section 09650 Resilient Flooring. Approved Equal. Armstrong Medintech sheet vinyl is listed as the selection for the homogeneous compositions sheet vinyl flooring. This is a request for approval on Tarkett Granit Elite and Optima Commercial Sheet vinyl. Both products are equal to Medintech 100% with no valence (sic), with a 36 color selection pallet.

A88. Requirement for sheet vinyl flooring has been deleted from this contract. Specification section 09650 is being amended to delete all references to sheet vinyl flooring.

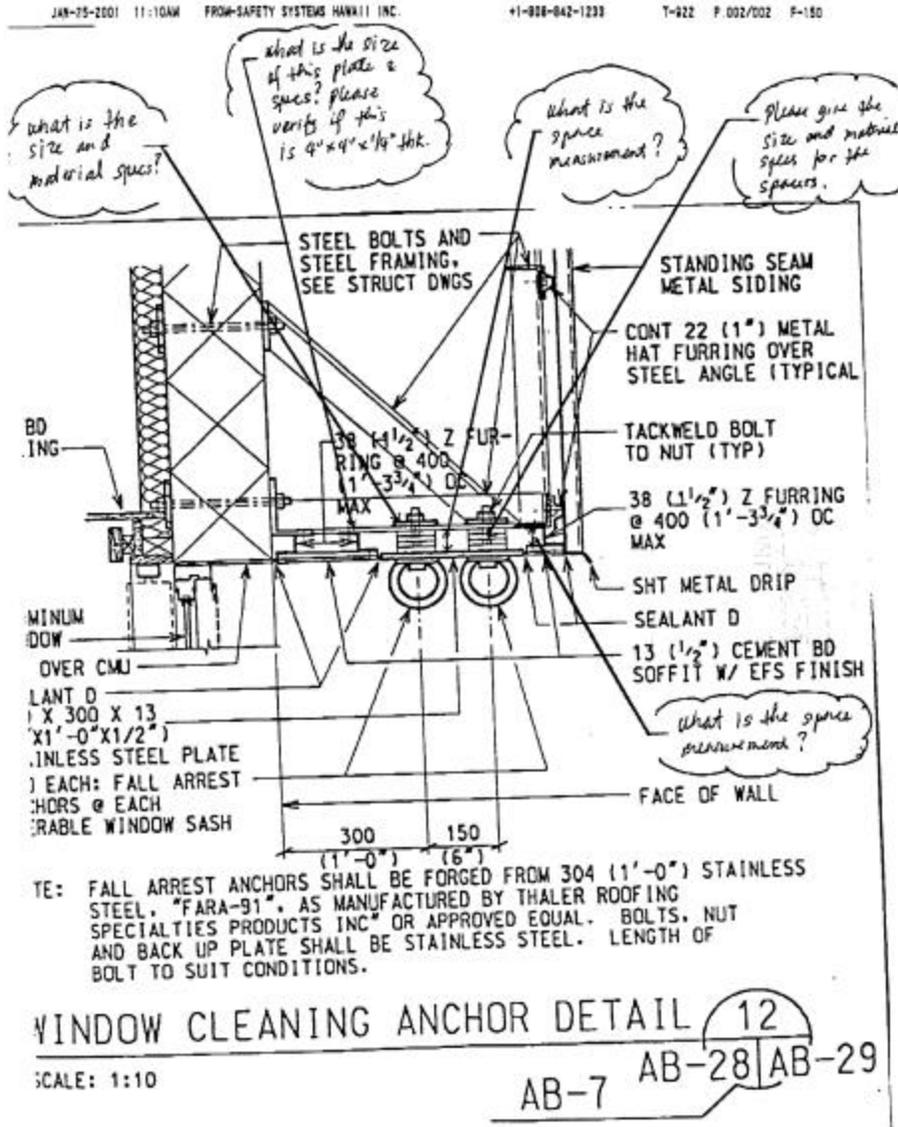
**Kreative Kamaaina, Jan 23:**

Q89. We have not been able to locate the Supplier, ADM INT'L INC. so we can get the information on the Horizontal Blind and Blackout Drapery. Is it possible to get a sample of the Blackout drapery fabric and horizontal blind color so we can submit an equal fabric & blind pattern and color or if you can give us the contact person and telephone # at ADM INT'L INC. so we can speak to them about the products that is specified?

A89. The attached information for ADM International, Inc. is provided for your information and use.



What is the size of this plate and specs? Please verify if this is 4"x4"x1/4" thk.  
 What is the space measurement?  
 Please give the size and material specs for the spacers?  
 What is the space measurement?



A90.  
 What is the size and material specs?  
 See Structural Drawings on SB-11  
 What is the size of this plate and specs? Please verify if this is 4"x4"x1/4" thk.  
 That is not a plate. The drawings show a steel angle. See SB-11.  
 What is the space measurement?  
 The space is as shown on the drawings. It is 38 (1 1/2") as determined by the depth of the Z furring.  
 Please give the size and material specs for the spacers?

As shown on the structural drawings the steel plates are tack welded together. Contractor option of thickness of plates as long as total depth of tack welded plates are equal to the depth of the Z furring or 38 (1 ½").

What is the space measurement?

The space between the steel angle and the SS PL 150x13x300 plate equal to the depth of the Z furring or 38 (1 ½").

#### **Aluminum Window Systems, Jan 26:**

Q91. Refer to drawings:

AJ-24, COF-5 and COF-7 window + louver schedule glazing for WI-J thru W26J calls for tinted laminated.

AM-31, COF-6 window and louver schedule calls for tinted laminated.

AWR-30, BN-2 calls for laminated tinted glass under window types.

AW-31, BN1 calls for laminated tinted glass under window types.

AL-24, COF-4 window and louver schedule calls for tinted laminated glazing for W/IL-W/.

AB-20, BK-1 window and louver schedule calls for tinted laminated glazing.

AD-26, DN-1 window schedule calls for bronze tinted laminated glass.

Section 08810 Glass and Glazing as amended does not specify or call for any laminated glass.

What are the specifications for this glass?

A91. Specifications for laminated glass was added into Specifications Section 08810, page 6, paragraph 2.6 LAMINATED GLASS as an amendment.

#### **Kiewit Pacific Co., Jan 27:**

Q92. The typical road and pavement section sheet CD-1 detail 1/CD-1 AC road thickness is 75 mm. Does not match the typical road section AC thickness 65 mm shown on sheet detail 1/CR-4 and 6/CR-4. Please clarify AC Road thickness.

A92. Sht CR-4 was revised (revision "c", AM-0005) to reflect the correct road thickness (75mm).

Q93. The typical road and pavement section sheet CD-1 detail 6/CD-1 shows 100 mm of base course under curb & gutter. However, typical road section detail 1/CR-4 and 6/CR-4 does not show base course under curb & gutter. Please clarify if base course is required under curb & gutter.

A93. As a general rule, all details govern over sections, plans, profiles, etc. (i.e. even if it is NOT shown on these lesser detailed plans, it is REQUIRED). The typical road sections on sht CR-4 were revised to show the 150mm base course under the curb & gutter.

#### **PELSA, Jan 29:**

Q94. Division 16 - Electrical, Section 16415, Electrical Work  
Bldg MS-1 (Sheet No. ET-7)

Type V. Lamp data specifies 125W Metal Halide. Metal halide is not available in 125W. Could it be 175W?

A94. Yes, it should be 175W

Q95. Division 16 - Electrical, Section 16415, Electrical Work

Bldg COF-2 (Sheet No. EK-9)

Bldg COF-3 (Sheet No. EJ-9)

Bldg COF-4 (Sheet No. EL-9)

Bldg COF-5-7 (Sheet No. EJ-9)

Bldg COF-6 (Sheet No. EM-9)

Types H and HE. Specification calls out for 2-13W compact fluorescent lamps with electronic dimming ballast. Dimming ballast is not available for 13W compact fluorescent lamps (18W, 26W, 32W, and 42W only). Is 1-26W compact fluorescent lamp acceptable?

A95. Yes, if dimming ballast is not available for 2/13W compact fluorescent, then 1/26W is acceptable. However, please note that dimming ballast is only required in the conference room light fixtures.

Q96. Division 16 - Electrical, Section 16415, Electrical Work  
Bldg DN-1 (Sheet No. ED-15, ED-16, ED-17)

Type M. No detail drawing given to reference type of fixture required.

Type P. Please indicate finish required. Description in specification calls out for solid cast black aluminum with a black-brushed aluminum faceplate, which does not correspond with the natural white, beige finish called out in FINISH BOX.

Type Z. No detail drawing given to reference type of fixture required.

A96. Type M light fixture is similar to type K except listed for damp location.

Type P fixture shall have a natural white or beige finish.

Type Z fixture detail has been added as an amendment.

Q97. Division 16 - Electrical, Section 16415, Electrical Work  
Bldg SCB-1 (Sheet No. EC-11, EC-2)

Type C. Not listed on lighting schedule, but shown on page EC-2 in TV/LOUNGE AREA. No detail drawing given to reference type of fixture required.

A97. Provide Type C2 luminaire in lieu of Type C.

#### **Commercial Electric, Jan 31:**

Q98. Clarify the discrepancy between the Electrical One-Line Diagram and the Electrical Sitework Plan.

Drawing ES-13: The Primary circuit between manholes is noted as "103mmC, 3#500KCMIL EPR 15KV, 1#2/0 GND EPR, 600V, 3-103mmC Spare (Typical)."

Drawing ES-14: The same circuit shown on the Sitework Plan between Manholes E-1 and E-2 is called out as "2 x (103mmC, 3#500KCMIL EPR, 15KV, 1#2/0 GND EPR, 600V), 2-103mmC Spare (Typical)".

Depending on which interpretation a bidder used, the cost difference would be very large.

A98. Drawings have been revised and clarified. See latest change.

#### **V&C Drywall Contractors, Inc., Feb 1:**

Q99. What is the height that the 5<sup>th</sup> floor shaftwalls of Buildings BK-1 and BK-2 go to? Will they run all the way to the metal decking of the roof above, or terminate 6" above the finish ceiling like the other walls?

A99. Refer to Detail 1/AB-32. The shaftwall extends 254 mm (10") above the 5<sup>th</sup> floor finish ceiling.

Q100. Will there be any 2 layer gypsum board ceilings in buildings BK-1 and BK-2? Please clarify that the ½" gyp board ceiling note is correct at the typical floors as well as the last floor?

A100. No. The ½" gyp board ceiling note is correct at the typical floors as well as the last floor.

Q101. If there are areas that state both cement backer board and lath & scratchcoat, which should be bidded on? Should both be implicated in the bid? Please clarify.

A101. Yes both the cementitious backer board and mortar bed with felt backed lath under the hardtile are both required. The cementitious backer board is required as a backing for the waterproof membrane on the wall.

Q102. Insulation at the exterior furred walls state minimum R4 in a 2 ½" metal stud cavity. What type of insulation is this? Unfaced, Kraft faced, or foil faced? Also, vapor barrier is listed there also, is that part of the insulation or a totally separate material by itself?

A102. Insulation for exterior furred walls shall be Glass Fiber or Mineral Fiber Batt Insulation, Type I, unfaced as specified in Spec Section 06100, paragraphs 2.3.1.1 & 2.3.1.2. R=4 is the minimum required to meet energy requirements for air conditioned spaces. Suggest using a 2-1/2" batt insulation (R=10+) will meet the minimum requirements and will be easier to install providing a snug fit into the 2-1/2" metal stud cavity of the exterior walls. The vapor barrier shall be a polyethylene sheeting as specified in Spec Section 06100, paragraph 2.4 Vapor Retarder.

**Oahu Restaurant Supply Inc., Feb 1:**

Q103. There seems to be some discrepancy on the Section 11400 Food Service Equipment, which needs to be clarified as follows. The Equipment Schedule "801-1300 PN DINING FACILITY "DN-1" Sheet KD-2, KD-3, and KD-4 vs. KITCHEN EQUIPMENT SPECIFICATIONS.

EQUIPMENT SPECIFICATIONS	KITCHEN EQUIPMENT SPECIFICATIONS
#6A(2 ea) Freezer Evaporator Unit Cooler "A"	There's No 6a in Specs - Page 1
41a(1 ea) Hood Washdown System "A"	There's No 41a in Specs - page 7
42a(4 ea) Deep Fat Fryer "A"	There's No 42a in Specs - page 7
58(no qty) Hot Food Bar (6pans)w/Guard-"A-5"	Custom Fab - Spec shows "Yorkraft"aft, page 10
76 NOT USED	Spec has Atlas Metal, page 12
77(2 ea) Breath Protector CROSSED OFF	Spec has Atlas Metal, page 13
81(2 ea) Beverage Counter w/Trough "A-5"	Spec shows "C" Govt furnished, page 13
95(2 ea) Coffee Disp. CROSSED OFF & "C"	Spec shows "A" Prestige, page 15
96(3 ea) Coffee Urn "A"	Spec shows "NOT USED", page 15
136(1 ea) Cook Hold shows "C" Govt Furn	Spec shows Alto Shaam, page 20
137(2 ea) Quick Chiller Refrigerator "A"	Spec shows "NOT USED", page 20
139(2 ea) Sneeze Guard "A"	THERE'S NO SPEC, page 20
#C6(1 ea) Conveyor Toast "A"	Spec shows Same as #79 "C" Govt furnished, page 13
C34(1 ea) Point of Sale Station "A"	Spec shows "C" Govt furnished, page 25

Please advise which of the above do we follow. Do we follow the Specs or the Equipment Schedule?

A103.

An amendment will be issued to incorporate the following changes:

- Equip #6A: Revised plan and Added specifications
- Equip #41a: Revised 41a to 41
- Equip #42a: Added specifications
- Equip #58: Added quantity (2 each)
- Equip #76: Deleted item #76
- Equip #77: Deleted item #77
- Equip #81: Revised CAT to "A", Contractor furnished/contractor installed
- Equip #95: Deleted item #95
- Equip #96: Added specifications
- Equip #136: Revised CAT to "A", Contractor furnished/contractor installed
- Equip #137: Added spec
- Equip #139: Added spec
- Equip #C6: Revised CAT to "A"
- Equip #C34: Revised to CAT "C" from schedule on dwg

**QN Electric, Inc., Jan 31:**

Q104. Buildings BK-1 and BK-2.

Dwg. Sheet EB-10 and EBR-10, One-line Diagram. Entrance conductors are not indicated. Feeder from site pad transformer should be similar to two (2) runs 4 #500 as indicated at other 800A services. Please advise.

A104. Work needs to be coordinated with Army Corp of Engineers Site Work Plans. Feeders to be provided under those drawings.

Q105. Dwg. Sheets EB-2, 6 and EBR-2, 6, Power and Signal Plans. What are the network control panel and universal programming controller indicated on each floor? What work section are they specified in?

A105. These are Mechanical Control devices and need to be picked by the Mechanical Contractor.

Q106. Spec. Section Division 16 - Electrical, Sect 16798 - Two-way Radio Data Transmission System and Section 16935 SCADA.

Both sections refer to equipment indicated "on drawings." Which drawings? They don't appear to be in the electrical drawings.

A106. There are no requirements for these systems and both sections will be deleted from the specifications.

Q107. Telecommunications Site Work - Dwg. Sheet ES-22, MH's 16A, 16B and 16C are indicated as new manholes attached to new ductlines. Sheet ES-20 indicates to overbuild existing MH's at these locations. Are we to provide additional ducts as indicated to existing ductlines and overbuild the existing MH's as required?

A107. Telecommunications ductline routing along Menoher will be "demo-and-replace" vice overbuild. Drawings revised.

Q108. Dwg. Sheet ES-23, new MH indicated above "RSC" building with 16-way duct to RSC, 12-way duct to MH N16, 6-way duct to MH 16A, and 2-way duct towards COF-5 Bldg. Looks to be built "into" the existing ductline between MH's N16 & 16A which will have an additional 12 ducts in the portion of ductline extending to MH N16 and 6 additional ducts in the portion extending to MH 16A.

Is the existing ductline to be cut into when installing this new MH? If so, what about existing cables in the existing ductline?

A108. Telecommunications ductline routing along Menoher will be "demo-and-replace" vice overbuild. Drawings revised. All new telecommunications wiring will be by separate contract.

Q109. Dwg Sheet ES-23, new ductline indicated between existing MH N126 and 16F is not clearly specified. Please advise both ductline type and inner duct requirements.

A109. Assume you refer to MH N16 (vice N126) and MN 16-F. Duct line configurations and innerduct requirements clarified on sheet ES-23.

Q110. Dwg. Sheet ES-23, Sheet note for ductlines attached to existing MH N14 indicates new 12-way duct. No ductline is shown to existing MH N15. Looking inside MH N14 noted more than twelve (12) "plugged" conduit entries going in both directions. Please advise.

A110. Telecommunications ductline routing along Menoher will be "demo-and-replace" vice overbuild. Drawings revised.

Q111. Dwg. Sheet ES-37, Lighting Fixture Schedule - Fixture type "A", 405-C-2 refers to Sheet #55. Please provide.

A111. Sheet #55 added to specifications section 16415.

**Aguda Construction, Inc., Feb 1:**

Q112. Plan shows 2 ½" stud frames, 3 ½" insulation per specs. 07210 paragraph 2.1.1 - 89 mm (3 ½") cannot fit in such framing size.

A112. For plans showing 2-1/2" stud frames, suggest using a 2-1/2" Glass Fiber or Mineral Fiber Batt Insulation, Type I, unfaced (R=10+) as specified in Spec Section 06100, paragraphs 2.3.1.1 & 2.3.1.2. This will meet the minimum R=4 requirement indicated on the drawings and will be easier to install providing a snug fit into the 2-1/2" metal stud cavity of the exterior walls.

Q113. Section 07210 2.1.1 calls for unface insulation. All of the furred out walls shows vapor barrier. What kind of vapor barrier is this?

A113. The vapor barrier shall be a polyethylene sheeting as specified in Spec Section 06100, paragraph 2.4 Vapor Retarder.

Q114. Typical module plan 1/AB-8 types of wall C, F, & G at breeeway furred out wall, contradicts det. 3/AB-14 which shows full ht. Insulation. C, F & G wall types are not insulated. What is the right type of wall?

A114. Wall Section 3/AB-14 is taken at the endwall condition of the typical module where the walls are partially or directly exposed to weather. These walls at column lines B, H, J and O shall receive full height insulation as detailed on 3/AB-14. Wall types C, F & G facing double loaded corridors are not insulated as detailed.

**Harry Asato Painting, Inc., Feb 7:**

Q115. We are striping contractors bidding on Section 02763 - Pavement Markings. Please clarify paragraph 3.2.2.2 Primer. It is not necessary to prime asphalt before applying thermoplastic. It is only required on concrete or existing asphalt, according to the manufacturer.

A115. Primer will be required as stated in the specifications.

**Ono Masonry & Drywall, Inc., Feb 8:**

Q116. Specification Section 04200 paragraph 2.4 calls for Ceramic Glazed Structural Units (GSU) and Dining Facility sheet AD-2a does note locations for GSU, referring to sheet AD-8. Sheet AD-8 indicates wall types and refers to sheet AD-28. Sheet AD-28 and AD-36 shows ceramic tile and quarry tile over CMU. The interior elevation drawings calls for ceramic tile and door/window/misc. details calls for ceramic tile. Please advise if Ceramic Glazed Structural Units or CMU with ceramic tile should be used.

Please note that many of the GSU indicated walls are structural walls with concrete beam above and will be erected prior to structural steel, roofing and interior finishes. Since GSU is a finished product, once it is damaged, it cannot be replaced easily and the replacement will be noticeable.

A116. Drawings and specifications are being amended to delete all notes and requirements for Ceramic Glazed Structural Units (GSU).

**CBC Inc., Feb 2:**

Q117. On the mechanical drawing sheet MCE-13 an energy efficient motor schedule is listed to qualify with Hawaiian Electric for their energy rebate program. I need some clarification. It appears the schedule listed on sheet MCE-13 is for ODP motors but in the specification section 15650 page 24 part 2.7.1.1, the specification calls for TEFC motors. Please advise the appropriate motor efficiency for TEFC motors.

A117. The motor efficiency table in the plans has been revised to reflect the requirements for TEFC motors.