

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE N/A	PAGE 1 OF PAGES 3
2. AMENDMENT/MODIFICATION NO. P-Am-0001		3. EFFECTIVE DATE 2 August 2002	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) PN55038	
6. ISSUED BY U.S. Army Engineer District, Honolulu Corps of Engineers, Building 230 ATTN: CEPOH-CT-C (Joy Sakamoto) Fort Shafter, Hawaii 96858-5440		CODE	7. ADMINISTERED BY (If other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(<input type="checkbox"/>)	9A. AMENDMENT OF SOLICITATION NO. DACA83-02-R-0016
				(<input checked="" type="checkbox"/>)	9B. DATED (SEE ITEM 11) 6/12/02
					10A. MODIFICATION OF CONTRACTS/ORDER NO.
					10B. DATED (SEE ITEM 13)
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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 1 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: (Specify authority) 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 (such as changes in paying office, appropriation date, etc.) 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 (Specify type of modification and authority)

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.)

FY02 MCA PN55038 WBR, Aviation Complex, Phase 6A, Wheeler Army Airfield, Oahu, Hawaii

(Continued on Page 2.)

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

1. CHANGES TO SPECIFICATIONS. Attached hereto are new and revised pages to the solicitation. The revision mark "(P-Am-0001)" is shown on each page.

a. NEW PAGES. The following items are added to the specifications:

Section 00010, page 00010-3
Section 00100, Appendix A - Sample Small Business
Subcontracting Plan
Section 00210, page 11
Section 00800, Appendix B - Project Signs
Section 00900, Attachments 1 and 2
Section 03371 pages 1 through 13
Section 08550 pages 1 through 4
Section 09225 pages 1 through 4
Section 13202 pages 1 through 26
Section 13280 pages 1 through 57

b. DELETED PAGES. The following items are deleted from the specifications:

Section 00010, page 00010-3
Section 01452 pages 1 through 6
Section 13202 pages 1 through 28
Section 13280 pages 1 through 57

c. REVISED PAGES. Following are revised items to the specifications. Changes are indicated in **bold** print. Although the entire sections are being re-issued, only the following sub-items are changed within the sections:

Section
Section 00100 (see "Evaluation of Options")
Section 00210 (see pages 00210-1 and 10)
Section 00700, page 00700-22
Section 00800 (see pages 00800-1, 2, 3, 4, 6, 9 and 16)
01320 para: 1.1, 1.2, 1.3, 3.3, 3.3.2.4, 3.3.2.5, 3.3.2.6,
3.3.2.7, 3.3.2.8, 3.4.4, 3.5.1, 3.5.4.1, 3.5.4.4, 3.5.5.1,
3.5.5.5
01330 para: 1.6, 3.2, 3.4.1, 3.4.2, 3.5.1, 3.7.1
01455 para: 3.4.7, 3.9
02555 para: 1.3, 1.6, 2.2.1, 2.2.2, 2.2.2.2, 2.2.2.3, 2.2.3,
2.2.3.1, 2.2.3.2, 2.2.3.3, 2.5.2, 2.5.3, 2.6, 2.6.1, 2.6.2,
2.6.3, 2.6.4, 2.7, 2.8, 2.9, 2.9.1, 2.9.2, 2.9.3
03300 para: 2.11
05500 para: 1.2, 2.18, 2.18.1, 3.10
07810 para: 1.1, 2.1, 3.5.1
07840 para: 1.1, 1.2
08510 para: 1.1

c. REVISED PAGES. (continuation)

08580 para: 2.1, 2.7.1
08700 para: 1.1
08810 para: 1.1, 2.4
09250 para: 1.1
13851 para: 1.1, 1.2, 1.3.6, 1.4.2, 1.4.3, 2.1.5, 2.8
13852 para: 2.1.2.2
13920 para: 1.1
13930 para: 1.1, 2.14
15400 para: 1.1, 2.3.3
15650 para: 1.1
15895 para: 2.8.6, 2.12.2, 2.12.2.2
15951 para: 1.1, 2.6, 3.3.4, 3.3.4.2, 3.3.4.5, 3.3.4.6, 3.3.4.7,
3.6.1
16375 para: 2.8, 2.8.1, 2.8.1.1, 2.8.1.2, 2.8.1.3, 2.8.1.4,
2.8.1.5, 2.8.1.6, 2.8.1.7, 2.8.1.8, 2.8.1.9, 2.8.1.10, 2.8.1.11,
2.8.2.3, 2.8.2.4

2. CHANGES TO DRAWINGS: REVISED DRAWINGS (ISSUED), NEW DRAWINGS,
and DELETED DRAWINGS are listed on the following sheets:

- a. 6A1-1 through 6A1-4
- b. 6A2-1 through 6A2-3
- c. 6A3-1 through 6A3-7
- d. 6A4-1 through 6A4-5

3. PROPOSAL SUBMISSION AND EVALUATION. Proposals are being requested in two steps for this lowest priced, technically acceptable (LPTA) procurement. Technical proposals (Volume I) were submitted in Step 1. Price proposals (Volume II) and Subcontracting Plan (Volume III) will be submitted in Step 2. Final drawings and specifications are being issued in this post-closing amendment which is prior to submission of Step 2 volumes. Only those Offerors determined technically acceptable in Step 1 will be offered the opportunity to participate in Step 2.

4. SUBMISSION OF STEP 2/PRICE PROPOSALS. Offerors will be requested to submit Step 2/Price proposals at a later date. A separate proposal for this post-closing amendment is not requested at this time.

FY02 MCA PN 55038 WBR
 AVIATION COMPLEX PH6A1,
 Wheeler Army Airfield Oahu, Hawaii
 Barracks BK-1 and SCB

<u>RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>REVISION LTR.</u>	<u>REVISION DATE</u>
2	721-11-24	TXA-2	a	7/19/02
3	721-11-24	TXA-3	a	7/19/02
4	721-11-24	TXA-4	a	7/19/02
5	721-11-24	TXA-5	a	7/19/02
7	721-11-24	TXA-7	a	7/19/02
9	721-11-24	TXA-9	a	7/19/02
<u>CIVIL DRAWINGS</u>				
10	721-11-24	CSA-1	a	7/19/02
11	721-11-24	CSA-2	a	7/19/02
12	721-11-24	CSA-3	a	7/19/02
14	721-11-24	CSA-5	a	7/19/02
15	721-11-24	CSA-6	a	7/19/02
16	721-11-24	CSA-7	a	7/19/02
17	721-11-24	CSA-8	a	7/19/02
18	721-11-24	CSA-9	a	7/19/02
19	721-11-24	CSA-10	a	7/19/02
20	721-11-24	CSA-11	a	7/19/02
21	721-11-24	CSA-12	a	7/19/02
22	721-11-24	CSA-13	a	7/19/02
23	721-11-24	CSA-14	a	7/19/02
24	721-11-24	CSA-15	a	7/19/02
25	721-11-24	CSA-16	a	7/19/02
26	721-11-24	CSA-17	a	7/19/02
27	721-11-24	CSA-18	a	7/19/02
28	721-11-24	CSA-19	a	7/19/02
29	721-11-24	CSA-20	a	7/19/02
30	721-11-24	CSA-21	a	7/19/02
34	721-11-24	CPA-2	a	7/19/02
35	721-11-24	CPA-3	a	7/19/02
36	721-11-24	CPA-4	a	7/19/02
39	721-11-24	CPA-7	a	7/19/02
40	721-11-24	CPA-8	a	7/19/02
43	721-11-24	CDA-2	a	7/19/02
44	721-11-24	CDA-3	a	7/19/02
45	721-11-24	CDA-4	a	7/19/02
46	721-11-24	CDA-5	a	7/19/02
47	721-11-24	CDA-6	a	7/19/02
48	721-11-24	CDA-7	a	7/19/02
53	721-11-24	CDA-12	a	7/19/02
54	721-11-24	CDA-13	a	7/19/02
55	721-11-24	CDA-14	a	7/19/02
56	721-11-24	CDA-15	a	7/19/02

MECHANICAL SITE DRAWINGS

57	721-11-24	MS-1	a	7/19/02
58	721-11-24	MS-2	a	7/19/02
59	721-11-24	MS-3	a	7/19/02
60	721-11-24	MS-4	a	7/19/02
61	721-11-24	MS-5	a	7/19/02
62	721-11-24	MS-6	a	7/19/02
63	721-11-24	MS-7	a	7/19/02

ELECTRICAL SITE DRAWINGS

64	721-11-24	ES-1	a	7/19/02
65	721-11-24	ES-2	a	7/19/02
68	721-11-24	ES-5	a	7/19/02
69	721-11-24	ES-6	a	7/19/02
70	721-11-24	ES-7	a	7/19/02
71	721-11-24	ES-8	a	7/19/02
73A*	721-11-24	ES-11	a	7/19/02
73B*	721-11-24	ES-12	a	7/19/02

74	721-11-24	AG-1	a	7/19/02
75	721-11-24	AG-2	a	7/19/02
77	721-11-24	AG-4	a	7/19/02
78	721-11-24	AG-5	a	7/19/02
79	721-11-24	AG-6	a	7/19/02
80	721-11-24	AG-7	a	7/19/02
81	721-11-24	AG-8	a	7/19/02
82	721-11-24	AG-9	a	7/19/02
85	721-11-24	AG-12	a	7/19/02
86	721-11-24	AG-13	a	7/19/02
87	721-11-24	AG-14	a	7/19/02
88	721-11-24	AG-15	a	7/19/02
89	721-11-24	AG-16	a	7/19/02
90	721-11-24	AG-17	a	7/19/02
93	721-11-24	AG-20	a	7/19/02
94	721-11-24	AG-21	a	7/19/02
95	721-11-24	AG-22	a	7/19/02
97	721-11-24	AG-24	a	7/19/02
102	721-11-24	AG-29	a	7/19/02
103	721-11-24	AG-30	a	7/19/02
106	721-11-24	AG-33	a	7/19/02
109	721-11-24	AG-36	a	7/19/02

STRUCTURAL DRAWINGS

192 PN BARRACKS "BK-1"

110	721-11-24	SG-1	a	7/19/02
112	721-11-24	SG-3	a	7/19/02
113	721-11-24	SG-4	a	7/19/02
114	721-11-24	SG-5	a	7/19/02
115	721-11-24	SG-6	a	7/19/02
116	721-11-24	SG-7	a	7/19/02
117	721-11-24	SG-8	a	7/19/02
118	721-11-24	SG-9	a	7/19/02
119	721-11-24	SG-10	a	7/19/02

120	721-11-24	SG-11	a	7/19/02
122	721-11-24	SG-13	a	7/19/02
123	721-11-24	SG-14	a	7/19/02
124	721-11-24	SG-15	a	7/19/02
126	721-11-24	SG-17	a	7/19/02
127	721-11-24	SG-18	a	7/19/02

MECHANICAL DRAWINGS

128	721-11-24	MG-1	a	7/19/02
129	721-11-24	MG-2	a	7/19/02
130	721-11-24	MG-3	a	7/19/02
131	721-11-24	MG-4	a	7/19/02
133	721-11-24	MG-6	a	7/19/02
134	721-11-24	MG-7	a	7/19/02
135	721-11-24	MG-8	a	7/19/02
136	721-11-24	MG-9	a	7/19/02
137	721-11-24	MG-10	a	7/19/02
138	721-11-24	MG-11	a	7/19/02
139	721-11-24	MG-12	a	7/19/02
140	721-11-24	MG-13	a	7/19/02
141	721-11-24	MG-14	a	7/19/02
144	721-11-24	MG-17	a	7/19/02
145	721-11-24	MG-18	a	7/19/02
146	721-11-24	MG-19	a	7/19/02
147	721-11-24	MG-20	a	7/19/02
148	721-11-24	MG-21	a	7/19/02
149	721-11-24	MG-22	a	7/19/02
150	721-11-24	MG-23	a	7/19/02
153	721-11-24	MG-26	a	7/19/02
155	721-11-24	MG-28	a	7/19/02
156	721-11-24	MG-29	a	7/19/02
157	721-11-24	MG-30	a	7/19/02

ELECTRICAL DRAWINGS

158	721-11-24	EG-1	a	7/19/02
162	721-11-24	EG-5	a	7/19/02
165	721-11-24	EG-8	a	7/19/02
166	721-11-24	EG-9	a	7/19/02
167	721-11-24	EG-10	a	7/19/02
168	721-11-24	EG-11	a	7/19/02
171	721-11-24	EG-14	a	7/19/02
173	721-11-24	EG-16	a	7/19/02
174	721-11-24	EG-17	a	7/19/02
175	721-11-24	EG-18	a	7/19/02
176	721-11-24	EG-19	a	7/19/02
179	721-11-24	EG-22	a	7/19/02

ARCHITECTURAL DRAWINGS

200 PN SOLDIER COMMUNITY BUILDING "SCB-1"

182	721-11-24	AI-1	a	7/19/02
183	721-11-24	AI-2	a	7/19/02
184	721-11-24	AI-3	a	7/19/02
185	721-11-24	AI-4	a	7/19/02
186	721-11-24	AI-5	a	7/19/02
187	721-11-24	AI-6	a	7/19/02
188	721-11-24	AI-7	a	7/19/02
189	721-11-24	AI-8	a	7/19/02
190	721-11-24	AI-9	a	7/19/02
191	721-11-24	AI-10	a	7/19/02
192	721-11-24	AI-11	a	7/19/02
193	721-11-24	AI-12	a	7/19/02
194	721-11-24	AI-13	a	7/19/02
197	721-11-24	AI-16	a	7/19/02
198	721-11-24	AI-17	a	7/19/02
199	721-11-24	AI-18	a	7/19/02
200	721-11-24	AI-19	a	7/19/02
204	721-11-24	AI-23	a	7/19/02
207	721-11-24	AI-26	a	7/19/02
211	721-11-24	AI-30	a	7/19/02
212	721-11-24	AI-31	a	7/19/02

STRUCTURAL DRAWINGS

200 PN SOLDIER COMMUNITY BUILDING "SCB-1"

215	721-11-24	SI-3	a	7/19/02
216	721-11-24	SI-4	a	7/19/02
217	721-11-24	SI-5	a	7/19/02
218	721-11-24	SI-6	a	7/19/02
219	721-11-24	SI-7	a	7/19/02
224	721-11-24	SI-12	a	7/19/02
225	721-11-24	SI-13	a	7/19/02

MECHANICAL DRAWINGS

226	721-11-24	MI-1	a	7/19/02
227	721-11-24	MI-2	a	7/19/02
228	721-11-24	MI-3	a	7/19/02
229	721-11-24	MI-4	a	7/19/02
230	721-11-24	MI-5	a	7/19/02
231	721-11-24	MI-6	a	7/19/02
232	721-11-24	MI-7	a	7/19/02
233	721-11-24	MI-8	a	7/19/02
234	721-11-24	MI-9	a	7/19/02
235	721-11-24	MI-10	a	7/19/02
237	721-11-24	MI-12	a	7/19/02
239	721-11-24	MI-14	a	7/19/02
241	721-11-24	MI-16	a	7/19/02

ELECTRICAL DRAWINGS

242	721-11-24	EI-1	a	7/19/02
245	721-11-24	EI-4	a	7/19/02
249	721-11-24	EI-8	a	7/19/02
250	721-11-24	EI-9	a	7/19/02
251	721-11-24	EI-10	a	7/19/02

**FY02 MCA PN55038 WBR
 AVIATION COMPLEX PHASE 6A2
 WHEELER ARMY AIRFIELD OAHU, HAWAII
 SITE AND UTILITIES**

REV. RING NO.	DWG. NO.	SHT. NO.	LTR.	REVISION DATE
1	851-90-04	TS-1	a	07/19/2002
1a*	851-90-04	TS-2	a	07/19/2002
1b*	851-90-04	TS-3	a	07/19/2002
1c*	851-90-04	TS-4	a	07/19/2002
1d*	851-90-04	TS-5	a	07/19/2002
1e*	851-90-04	TS-6	a	07/19/2002
2	851-90-04	CGB-1	a	07/19/2002
3	851-90-04	CSB-1	a	07/19/2002
5	851-90-04	CSB-3	a	07/19/2002
6	851-90-04	CSB-4	a	07/19/2002
7	851-90-04	CSB-5	a	07/19/2002
8	851-90-04	CSB-6	a	07/19/2002
9	851-90-04	CSB-7	a	07/19/2002
10	851-90-04	CSB-8	a	07/19/2002
11	851-90-04	CSB-9	a	07/19/2002
12	851-90-04	CSB-10	a	07/19/2002
13	851-90-04	CSB-11	a	07/19/2002
14	851-90-04	CSB-12	a	07/19/2002
15	851-90-04	CSB-13	a	07/19/2002
16	851-90-04	CSB-14	a	07/19/2002
17	851-90-04	CSB-15	a	07/19/2002
18	851-90-04	CSB-16	a	07/19/2002
19	851-90-04	CSB-17	a	07/19/2002
20	851-90-04	CSB-18	a	07/19/2002
21**	851-90-04	CSB-19	a	07/19/2002
22	851-90-04	CXB-1	a	07/19/2002
23	851-90-04	CXB-2	a	07/19/2002
24	851-90-04	CXB-3a	a	07/19/2002
24a*	851-90-04	CXB-4a	a	07/19/2002
24b*	851-90-04	CXB-5	a	07/19/2002
25	851-90-04	CPB-1	a	07/19/2002
26	851-90-04	CPB-2	a	07/19/2002
27	851-90-04	CPB-3	a	07/19/2002
28	851-90-04	CPB-4	a	07/19/2002
29	851-90-04	CPB-5	a	07/19/2002
30	851-90-04	CPB-6	a	07/19/2002
31	851-90-04	CPB-7	a	07/19/2002
32	851-90-04	CPB-8	a	07/19/2002
35	851-90-04	CPB-11	a	07/19/2002
36	851-90-04	CPB-12	a	07/19/2002
39	851-90-04	CDB-3	a	07/19/2002

* Added drawing
 ** Deleted drawing

40	851-90-04	CDB-4	a	07/19/2002
41	851-90-04	CDB-5	a	07/19/2002
42	851-90-04	CDB-6	a	07/19/2002
45	851-90-04	CDB-9	a	07/19/2002
46	851-90-04	CDB-10	a	07/19/2002
47	851-90-04	CDB-11	a	07/19/2002
48	851-90-04	CDB-12	a	07/19/2002
49	851-90-04	CDB-13	a	07/19/2002
49a*	851-90-04	CBD-13a	a	07/19/2002
49b*	851-90-04	CBD-13b	a	07/19/2002
52	851-90-04	CDB-16	a	07/19/2002
53	851-90-04	CDB-17	a	07/19/2002
54	851-90-04	CDB-18	a	07/19/2002
55	851-90-04	CDB-19	a	07/19/2002
56	851-90-04	CDB-20	a	07/19/2002
57	851-90-04	ESB-1	a	07/19/2002
58	851-90-04	ESB-2	a	07/19/2002
59	851-90-04	ESB-3	a	07/19/2002
60	851-90-04	ESB-4	a	07/19/2002
61	851-90-04	ESB-5	a	07/19/2002
62	851-90-04	ESB-6	a	07/19/2002
63	851-90-04	ESB-7	a	07/19/2002
64	851-90-04	ESB-8	a	07/19/2002
65	851-90-04	ESB-9	a	07/19/2002
66	851-90-04	ESB-10	a	07/19/2002
67	851-90-04	ESB-11	a	07/19/2002
68	851-90-04	ESB-12	a	07/19/2002
69	851-90-04	ESB-13	a	07/19/2002
70	851-90-04	ESB-14	a	07/19/2002
71	851-90-04	ESB-15	a	07/19/2002
72	851-90-04	ESB-16	a	07/19/2002
73	851-90-04	ESB-17	a	07/19/2002
74	851-90-04	ESB-18	a	07/19/2002
75	851-90-04	ESB-19	a	07/19/2002
76	851-90-04	ESB-20	a	07/19/2002
77	851-90-04	ESB-21	a	07/19/2002
78	851-90-04	ESB-22	a	07/19/2002
79	851-90-04	ESB-23	a	07/19/2002
80	851-90-04	ESB-24	a	07/19/2002
81	851-90-04	ESB-25	a	07/19/2002
82	851-90-04	ESB-26	a	07/19/2002
83	851-90-04	ESB-27	a	07/19/2002
84	851-90-04	ESB-28	a	07/19/2002
85	851-90-04	ESB-29	a	07/19/2002
86	851-90-04	ESB-30	a	07/19/2002
87	851-90-04	ESB-31	a	07/19/2002
88	851-90-04	ESB-32	a	07/19/2002
89	851-90-04	ESB-33	a	07/19/2002
90	851-90-04	ESB-34	a	07/19/2002
91	851-90-04	ESB-36	a	07/19/2002

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92	851-90-04	ESB-37	a	07/19/2002
93	851-90-04	ESB-37	a	07/19/2002
94	851-90-04	ESB-38	a	07/19/2002
95	851-90-04	ESB-39	a	07/19/2002
96	851-90-04	ESB-40	a	07/19/2002
97	851-90-04	ESB-41	a	07/19/2002
98	851-90-04	ESB-42	a	07/19/2002
99	851-90-04	ESB-43	a	07/19/2002
100	851-90-04	ESB-44	a	07/19/2002
101	851-90-04	ESB-45	a	07/19/2002
102	851-90-04	ESB-46	a	07/19/2002
103	851-90-04	ESB-47	a	07/19/2002
104	851-90-04	ESB-48	a	07/19/2002
105	851-90-04	ESB-49	a	07/19/2002
106	851-90-04	ESB-50	a	07/19/2002
107	851-90-04	ESB-51	a	07/19/2002
108	851-90-04	ESB-52	a	07/19/2002
109	851-90-04	ESB-53	a	07/19/2002
110	851-90-04	ESB-54	a	07/19/2002
111	851-90-04	ESB-55	a	07/19/2002
112	851-90-04	ESB-56	a	07/19/2002
113	851-90-04	ESB-57	a	07/19/2002
114	851-90-04	ESB-58	a	07/19/2002
115	851-90-04	ESB-59	a	07/19/2002
116	851-90-04	ESB-60	a	07/19/2002
117	851-90-04	ESB-61	a	07/19/2002
118	851-90-04	ESB-62	a	07/19/2002
119	851-90-04	ESB-63	a	07/19/2002
120	851-90-04	ESB-64	a	07/19/2002
121	851-90-04	ESB-65	a	07/19/2002
122	851-90-04	ESB-66	a	07/19/2002
123	851-90-04	ESB-67	a	07/19/2002
124	851-90-04	L-1	a	07/19/2002
125	851-90-04	L-2	a	07/19/2002
126	851-90-04	L-3	a	07/19/2002
127	851-90-04	L-4	a	07/19/2002
128	851-90-04	L-5	a	07/19/2002
129	851-90-04	L-6	a	07/19/2002
130	851-90-04	L-7	a	07/19/2002
131	851-90-04	L-8	a	07/19/2002
132	851-90-04	L-9	a	07/19/2002
133	851-90-04	L-10	a	07/19/2002
134	851-90-04	L-11	a	07/19/2002
135	851-90-04	L-12	a	07/19/2002
136	851-90-04	L-13	a	07/19/2002
137	851-90-04	L-14	a	07/19/2002
138	851-90-04	L-15	a	07/19/2002
139	851-90-04	L-16	a	07/19/2002
140	851-90-04	L-17	a	07/19/2002

* Added drawing
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FY02 MCA PN 55038 WBR
AVIATION COMPLEX PH6A3,
Wheeler Army Airfield Oahu, Hawaii
SMALL/LARGE COF and MEDIUM COF

SMALL/LARGE COF

<u>REV RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR.</u>	<u>REVISION DATE</u>
2	141-85-02	T-1	a	19 JULY 2002
3	141-85-02	T-2	a	19 JULY 2002
4	141-85-02	AM-1	a	19 JULY 2002
5	141-85-02	AM-2	a	19 JULY 2002
6	141-85-02	AM-3	a	19 JULY 2002
7	141-85-02	AM-4	a	19 JULY 2002
8	141-85-02	AM-5	a	19 JULY 2002
11	141-85-02	AM-7	a	19 JULY 2002
12	141-85-02	AM-9	a	19 JULY 2002
13	141-85-02	AM-10a	a	19 JULY 2002
14	141-85-02	AM-10	a	19 JULY 2002
15	141-85-02	AM-11	a	19 JULY 2002
16	141-85-02	AM-12	a	19 JULY 2002
17	141-85-02	AM-13	a	19 JULY 2002
18	141-85-02	AM-14	a	19 JULY 2002
19	141-85-02	AM-15	a	19 JULY 2002
20	141-85-02	AM-16	a	19 JULY 2002
21	141-85-02	AM-17	a	19 JULY 2002
22	141-85-02	AM-18	a	19 JULY 2002
23	141-85-02	AM-19	a	19 JULY 2002
24	141-85-02	AM-20	a	19 JULY 2002
25	141-85-02	AM-21	a	19 JULY 2002

26	141-85-02	AM-22	a	19 JULY 2002
29	141-85-02	AM-25	a	19 JULY 2002
30	141-85-02	AM-26a	a	19 JULY 2002
31	141-85-02	AM-26	a	19 JULY 2002
32	141-85-02	AM-27	a	19 JULY 2002
35	141-85-02	AM-30	a	19 JULY 2002
36	141-85-02	AM-31a	a	19 JULY 2002
37	141-85-02	AM-31	a	19 JULY 2002
38	141-85-02	AM-32	a	19 JULY 2002
39	141-85-02	AM-33	a	19 JULY 2002
40	141-85-02	AM-34	a	19 JULY 2002
43	141-85-02	AM-37a	a	19 JULY 2002
45	141-85-02	AM-38	a	19 JULY 2002
47	141-85-02	AM-40	a	19 JULY 2002
49	141-85-02	AM-42	a	19 JULY 2002
52**	141-85-02	SM-1	a	19 JULY 2002
53	141-85-02	SM-2	a	19 JULY 2002
54	141-85-02	SM-3	a	19 JULY 2002
57	141-85-02	SM-6	a	19 JULY 2002
58	141-85-02	SM-7	a	19 JULY 2002
59	141-85-02	SM-8	a	19 JULY 2002
60	141-85-02	SM-9	a	19 JULY 2002
61	141-85-02	SM-9A	a	19 JULY 2002
62	141-85-02	SM-10	a	19 JULY 2002
63	141-85-02	SM-11	a	19 JULY 2002
64	141-85-02	SM-12	a	19 JULY 2002
65	141-85-02	SM-12A	a	19 JULY 2002

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6A3-2

(PC-Am-0001)

67	141-85-02	SM-13	a	19 JULY 2002
68	141-85-02	SM-13A	a	19 JULY 2002
69	141-85-02	SM-13B	a	19 JULY 2002
70	141-85-02	SM-14	a	19 JULY 2002
71	141-85-02	SM-15	a	19 JULY 2002
72	141-85-02	SM-16	a	19 JULY 2002
73	141-85-02	SM-16A	a	19 JULY 2002
74	141-85-02	SM-17	a	19 JULY 2002
75	141-85-02	SM-17A	a	19 JULY 2002
77	141-85-02	SM-19	a	19 JULY 2002
78	141-85-02	SM-20	a	19 JULY 2002
79	141-85-02	SM-21	a	19 JULY 2002
80	141-85-02	SM-22	a	19 JULY 2002
81	141-85-02	SM-23	a	19 JULY 2002
83	141-85-02	SM-25	a	19 JULY 2002
85	141-85-02	SM-27	a	19 JULY 2002
86	141-85-02	SM-28	a	19 JULY 2002
89	141-85-02	MM-1	a	19 JULY 2002
90	141-85-02	MM-2	a	19 JULY 2002
92	141-85-02	MM-4	a	19 JULY 2002
93	141-85-02	MM-5	a	19 JULY 2002
94	141-85-02	MM-6	a	19 JULY 2002
95	141-85-02	MM-7	a	19 JULY 2002
97	141-85-02	MM-9	a	19 JULY 2002
98	141-85-02	MM-10	a	19 JULY 2002
102	141-85-02	MM-14	a	19 JULY 2002

104	141-85-02	MM-16	a	19 JULY 2002
105	141-85-02	MM-17	a	19 JULY 2002
107	141-85-02	MM-19	a	19 JULY 2002
108	141-85-02	MM-20	a	19 JULY 2002
110	141-85-02	MM-22	a	19 JULY 2002
111	141-85-02	EM-1	a	19 JULY 2002
112	141-85-02	EM-2	a	19 JULY 2002
113	141-85-02	EM-3	a	19 JULY 2002
114	141-85-02	EM-4	a	19 JULY 2002
115	141-85-02	EM-5	a	19 JULY 2002
117	141-85-02	EM-7	a	19 JULY 2002
118	141-85-02	EM-8	a	19 JULY 2002
119	141-85-02	EM-9	a	19 JULY 2002
121	141-85-02	EM-11	a	19 JULY 2002
122	141-85-02	EM-12	a	19 JULY 2002
124	141-85-02	EM-14	a	19 JULY 2002
125	141-85-02	EM-15	a	19 JULY 2002
126	141-85-02	FM-1	a	19 JULY 2002
127	141-85-02	FM-2	a	19 JULY 2002
128	141-85-02	FM-3	a	19 JULY 2002
129	141-85-02	FM-4	a	19 JULY 2002
130	141-85-02	FM-5	a	19 JULY 2002
131	141-85-02	FM-6	a	19 JULY 2002

MEDIUM COF

<u>REV RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR.</u>	<u>REVISION DATE</u>
**Deleted drawing		6A3-4		(PC-Am-0001)

2	141-85-02	T-1	a	19 JULY 2002
4	141-85-02	AP-1	a	19 JULY 2002
5	141-85-02	AP-2	a	19 JULY 2002
6	141-85-02	AP-3	a	19 JULY 2002
7	141-85-02	AP-4	a	19 JULY 2002
8	141-85-02	AP-5	a	19 JULY 2002
9	141-85-02	AP-6	a	19 JULY 2002
10	141-85-02	AP-8	a	19 JULY 2002
11	141-85-02	AP-9	a	19 JULY 2002
12	141-85-02	AP-10	a	19 JULY 2002
13	141-85-02	AP-11	a	19 JULY 2002
14	141-85-02	AP-12	a	19 JULY 2002
15	141-85-02	AP-13	a	19 JULY 2002
16	141-85-02	AP-15	a	19 JULY 2002
17	141-85-02	AP-17	a	19 JULY 2002
19	141-85-02	AP-19	a	19 JULY 2002
20	141-85-02	AP-21	a	19 JULY 2002
21	141-85-02	AP-22	a	19 JULY 2002
23	141-85-02	AP-24	a	19 JULY 2002
24	141-85-02	AP-25	a	19 JULY 2002
25	141-85-02	AP-26	a	19 JULY 2002
28	141-85-02	AP-29	a	19 JULY 2002
29	141-85-02	AP-30	a	19 JULY 2002
30	141-85-02	AP-31	a	19 JULY 2002
31	141-85-02	AP-32	a	19 JULY 2002
34	141-85-02	AP-35	a	19 JULY 2002

35	141-85-02	AP-36	a	19 JULY 2002
42**	141-85-02	SP-1	a	19 JULY 2002
43	141-85-02	SP-2	a	19 JULY 2002
44	141-85-02	SP-3	a	19 JULY 2002
45	141-85-02	SP-3A	a	19 JULY 2002
46	141-85-02	SP-4	a	19 JULY 2002
47	141-85-02	SP-5	a	19 JULY 2002
48	141-85-02	SP-6	a	19 JULY 2002
51	141-85-02	SP-9	a	19 JULY 2002
52	141-85-02	SP-9A	a	19 JULY 2002
54	141-85-02	SP-10	a	19 JULY 2002
55	141-85-02	SP-10A	a	19 JULY 2002
56	141-85-02	SP-11	a	19 JULY 2002
57	141-85-02	SP-12	a	19 JULY 2002
58	141-85-02	SP-12A	a	19 JULY 2002
61	141-85-02	SP-15	a	19 JULY 2002
62	141-85-02	MP-1	a	19 JULY 2002
64	141-85-02	MP-3	a	19 JULY 2002
65	141-85-02	MP-4	a	19 JULY 2002
66	141-85-02	MP-5	a	19 JULY 2002
67	141-85-02	MP-6	a	19 JULY 2002
70	141-85-02	MP-9	a	19 JULY 2002
71	141-85-02	MP-10	a	19 JULY 2002
72	141-85-02	MP-11	a	19 JULY 2002
74	141-85-02	MP-13	a	19 JULY 2002
77	141-85-02	MP-16	a	19 JULY 2002
78	141-85-02	MP-17	a	19 JULY 2002

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6A3-6

(PC-Am-0001)

79	141-85-02	EP-1	a	19 JULY 2002
80	141-85-02	EP-2	a	19 JULY 2002
81	141-85-02	EP-3	a	19 JULY 2002
82	141-85-02	EP-4	a	19 JULY 2002
83	141-85-02	EP-5	a	19 JULY 2002
84	141-85-02	EP-6	a	19 JULY 2002
85	141-85-02	EP-7	a	19 JULY 2002
86	141-85-02	EP-8	a	19 JULY 2002
87	141-85-02	EP-9	a	19 JULY 2002
89	141-85-02	EP-11	a	19 JULY 2002
90	141-85-02	EP-12	a	19 JULY 2002
92	141-85-02	EP-14	a	19 JULY 2002
93	141-85-02	EP-15	a	19 JULY 2002
94	141-85-02	FP-1	a	19 JULY 2002
95	141-85-02	FP-2	a	19 JULY 2002
96	141-85-02	FP-3	a	19 JULY 2002
97	141-85-02	FP-4	a	19 JULY 2002
98	141-85-02	FP-5	a	19 JULY 2002
99	141-85-02	FP-6	a	19 JULY 2002
100	141-85-02	FP-7	a	19 JULY 2002

FY02 MCA PN 55038 WBR
 AVIATION COMPLEX PH6A4,
 Wheeler Army Airfield Oahu, Hawaii
 RENOVATION OF BLDG 102 AND 118

<u>REV</u> <u>RING NO.</u>	<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>LTR</u>	<u>REVISION DATE</u>
2	141-85-03	T-2	a	07/19/02
3	141-85-03	T-3	a	07/19/02
4	141-85-03	T-4	a	07/19/02
5	141-85-03	T-5	a	07/19/02
6	141-85-03	T-6	a	07/19/02
9	141-85-03	AQ-2	a	07/19/02
10	141-85-03	AR-P1	a	07/19/02
13	141-85-03	AR-1	a	07/19/02
18	141-85-03	AR-6	a	07/19/02
24	141-85-03	AR-12	a	07/19/02
25	141-85-03	AR-13	a	07/19/02
26	141-85-03	AR-14	a	07/19/02
27	141-85-03	AR-15	a	07/19/02
28	141-85-03	AR-16	a	07/19/02
29	141-85-03	AR-17	a	07/19/02
30	141-85-03	AR-18	a	07/19/02
31	141-85-03	AR-19	a	07/19/02
32	141-85-03	AR-20	a	07/19/02
33	141-85-03	AR-21	a	07/19/02
34	141-85-03	AR-22	a	07/19/02
35	141-85-03	AR-23	a	07/19/02
36	141-85-03	AR-24	a	07/19/02
38	141-85-03	AR-26	a	07/19/02
39	141-85-03	AR-27	a	07/19/02
40	141-85-03	AR-28	a	07/19/02
41	141-85-03	AR-29	a	07/19/02
42	141-85-03	AR-30	a	07/19/02
43	141-85-03	AR-31	a	07/19/02
44	141-85-03	AR-32	a	07/19/02
50	141-85-03	AR-38	a	07/19/02
53	141-85-03	AR-41	a	07/19/02
56	141-85-03	AR-44	a	07/19/02
58	141-85-03	AR-46	a	07/19/02
60	141-85-03	AR-48	a	07/19/02
63	141-85-03	AR-51	a	07/19/02
64	141-85-03	AR-52	a	07/19/02
73	141-85-03	AR-61	a	07/19/02
79	141-85-03	AR-67	a	07/19/02
80	141-85-03	AR-68	a	07/19/02
81	141-85-03	AR-69	a	07/19/02
82	141-85-03	AR-70	a	07/19/02
83	141-85-03	AR-71	a	07/19/02
84	141-85-03	AR-72	a	07/19/02
85	141-85-03	AR-73	a	07/19/02
87	141-85-03	AR-75	a	07/19/02
92	141-85-03	AR-80	a	07/19/02
94	141-85-03	AR-82	a	07/19/02
95	141-85-03	AR-83	a	07/19/02
101	141-85-03	AR-89	a	07/19/02
102	141-85-03	AR-90	a	07/19/02
103	141-85-03	AR-91	a	07/19/02

***Added drawing**

6A4-1

(PC-Am-0001)

105	141-85-03	SR-1	a	07/19/02
106	141-85-03	SR-2	a	07/19/02
107	141-85-03	SR-3	a	07/19/02
108	141-85-03	SR-4	a	07/19/02
111	141-85-03	SR-7	a	07/19/02
113	141-85-03	SR-9	a	07/19/02
114	141-85-03	SR-10	a	07/19/02
115	141-85-03	SR-11	a	07/19/02
116	141-85-03	SR-12	a	07/19/02
117	141-85-03	SR-13	a	07/19/02
119	141-85-03	SR-15	a	07/19/02
120	141-85-03	SR-16	a	07/19/02
121	141-85-03	SR-17	a	07/19/02
126	141-85-03	SR-22	a	07/19/02
127	141-85-03	SR-23	a	07/19/02
130	141-85-03	SR-26	a	07/19/02
131	141-85-03	SR-27	a	07/19/02
132	141-85-03	SR-28	a	07/19/02
133	141-85-03	SR-29	a	07/19/02
136	141-85-03	SR-32	a	07/19/02
137	141-85-03	SR-33	a	07/19/02
138	141-85-03	SR-34	a	07/19/02
139	141-85-03	SR-35	a	07/19/02
140	141-85-03	SR-36	a	07/19/02
141	141-85-03	MQ-1	a	07/19/02
144	141-85-03	MR-1	a	07/19/02
145	141-85-03	MR-2	a	07/19/02
146	141-85-03	MR-3	a	07/19/02
151	141-85-03	MR-8	a	07/19/02
156	141-85-03	MR-13	a	07/19/02
157	141-85-03	MR-14	a	07/19/02
158	141-85-03	MR-15	a	07/19/02
161	141-85-03	MR-18	a	07/19/02
162	141-85-03	MR-19	a	07/19/02
163	141-85-03	MR-20	a	07/19/02
164	141-85-03	MR-21	a	07/19/02
165	141-85-03	MR-22	a	07/19/02
166	141-85-03	MR-23	a	07/19/02
167	141-85-03	MR-24	a	07/19/02
168	141-85-03	MR-25	a	07/19/02
169	141-85-03	MR-26	a	07/19/02
170	141-85-03	MR-27	a	07/19/02
171	141-85-03	MR-28	a	07/19/02
183	141-85-03	MR-40	a	07/19/02
184	141-85-03	MR-41	a	07/19/02
185	141-85-03	MR-42	a	07/19/02
186	141-85-03	MR-43	a	07/19/02
187	141-85-03	MR-44	a	07/19/02
188	141-85-03	MR-45	a	07/19/02
189	141-85-03	MR-46	a	07/19/02
190	141-85-03	MR-47	a	07/19/02
191	141-85-03	MR-48	a	07/19/02
192	141-85-03	MR-49	a	07/19/02
193	141-85-03	MR-50	a	07/19/02
194	141-85-03	MR-51	a	07/19/02
196	141-85-03	MR-53	a	07/19/02
197	141-85-03	MR-54	a	07/19/02
198	141-85-03	MR-55	a	07/19/02
199	141-85-03	MR-56	a	07/19/02

***Added drawing**

6A4-2

(PC-Am-0001)

200	141-85-03	MR-57	a	07/19/02
202	141-85-03	MR-59	a	07/19/02
203	141-85-03	MR-60	a	07/19/02
204	141-85-03	MR-61	a	07/19/02
205	141-85-03	MR-62	a	07/19/02
206	141-85-03	MR-63	a	07/19/02
209	141-85-03	MR-66	a	07/19/02
210	141-85-03	MR-67	a	07/19/02
211	141-85-03	MR-68	a	07/19/02
213	141-85-03	MR-70	a	07/19/02
214	141-85-03	MR-71	a	07/19/02
217	141-85-03	MR-74	a	07/19/02
218	141-85-03	MR-75	a	07/19/02
219	141-85-03	MR-76	a	07/19/02
220	141-85-03	MR-77	a	07/19/02
221	141-85-03	MR-78	a	07/19/02
222	141-85-03	MR-79	a	07/19/02
223	141-85-03	FQ-1	a	07/19/02
225	141-85-03	FQ-3	a	07/19/02
228	141-85-03	FR-1	a	07/19/02
246	141-85-03	FR-19	a	07/19/02
247	141-85-03	FR-20	a	07/19/02
248	141-85-03	FR-21	a	07/19/02
256	141-85-03	FR-29	a	07/19/02
259	141-85-03	FR-32	a	07/19/02
260	141-85-03	FR-33	a	07/19/02
262	141-85-03	FR-35	a	07/19/02
263	141-85-03	FR-36	a	07/19/02
264	141-85-03	FR-37	a	07/19/02
265	141-85-03	FR-38	a	07/19/02
266	141-85-03	FR-39	a	07/19/02
268	141-85-03	FR-41	a	07/19/02
269	141-85-03	FR-42	a	07/19/02
279	141-85-03	FR-52	a	07/19/02
280	141-85-03	FR-53	a	07/19/02
281	141-85-03	FR-54	a	07/19/02
282	141-85-03	FR-55	a	07/19/02
285	141-85-03	FR-58	a	07/19/02
286	141-85-03	FR-59	a	07/19/02
287	141-85-03	EQ-1	a	07-19-02
288	141-85-03	EQ-2	a	07-19-02
289	141-85-03	ER-1	a	07-19-02
290	141-85-03	ER-2	a	07-19-02
291	141-85-03	ER-4	a	07-19-02
294	141-85-03	ER-6	a	07-19-02
295	141-85-03	ER-7	a	07-19-02
296	141-85-03	ER-8	a	07-19-02
297	141-85-03	ER-9	a	07-19-02
298	141-85-03	ER-10	a	07-19-02
299	141-85-03	ER-11	a	07-19-02
300	141-85-03	ER-12	a	07-19-02
301	141-85-03	ER-13	a	07-19-02
302	141-85-03	ER-14	a	07-19-02
304	141-85-03	ER-16	a	07-19-02
305	141-85-03	ER-17	a	07-19-02
306	141-85-03	ER-18	a	07-19-02
307	141-85-03	ER-19	a	07-19-02
308	141-85-03	ER-20	a	07-19-02
309	141-85-03	ER-21	a	07-19-02

***Added drawing**

6A4-3

(PC-Am-0001)

310	141-85-03	ER-22	a	07-19-02
322	141-85-03	ER-34	a	07-19-02
323	141-85-03	ER-35	a	07-19-02
324	141-85-03	ER-36	a	07-19-02
325	141-85-03	ER-37	a	07-19-02
326	141-85-03	ER-38	a	07-19-02
327	141-85-03	ER-39	a	07-19-02
328	141-85-03	ER-40	a	07-19-02
329	141-85-03	ER-41	a	07-19-02
331	141-85-03	ER-43	a	07-19-02
332	141-85-03	ER-44	a	07-19-02
334	141-85-03	ER-46	a	07-19-02
335	141-85-03	ER-47	a	07-19-02
336	141-85-03	ER-48	a	07-19-02
337	141-85-03	ER-49	a	07-19-02
338	141-85-03	ER-50	a	07-19-02
340	141-85-03	ER-51	a	07-19-02
341	141-85-03	ER-53	a	07-19-02
342	141-85-03	ER-54	a	07-19-02
344	141-85-03	ER-56	a	07-19-02
345	141-85-03	ER-57	a	07-19-02
346	141-85-03	ER-58	a	07-19-02
347	141-85-03	ER-59	a	07-19-02
348	141-85-03	ER-60	a	07-19-02
350	141-85-03	ER-62	a	07-19-02
351	141-85-03	ER-63	a	07-19-02
352	141-85-03	ER-64	a	07-19-02
353	141-85-03	ER-65	a	07-19-02
354	141-85-03	ER-66	a	07-19-02
355	141-85-03	ER-67	a	07-19-02
356	141-85-03	ER-68	a	07-19-02
357	141-85-03	ER-69	a	07-19-02
358	141-85-03	ER-70	a	07-19-02
359	141-85-03	ER-71	a	07-19-02
360	141-85-03	ER-72	a	07-19-02
361	141-85-03	ER-73	a	07-19-02
362	141-85-03	ER-74	a	07-19-02
363	141-85-03	ER-75	a	07-19-02
364	141-85-03	ER-76	a	07-19-02
366	141-85-03	ER-78	a	07-19-02
367	141-85-03	ER-79	a	07-19-02
368	141-85-03	ER-80	a	07-19-02
369	141-85-03	ER-81	a	07-19-02
371	141-85-03	ER-83	a	07-19-02

81a*	141-85-03	AR-69a	a	07/19/02
96*	141-85-03	AR-84	a	07/19/02
140a*	141-85-03	SR-36a	a	07/19/02
373*	141-85-03	ER-85	a	07/19/02
374*	141-85-03	ER-86	a	07/19/02
375*	141-85-03	ER-87	a	07/19/02
376*	141-85-03	ER-88	a	07/19/02
377*	141-85-03	AR-AP1	a	07/19/02
378*	141-85-03	AR-AP2	a	07/19/02
379*	141-85-03	AR-AP3	a	07/19/02
380*	141-85-03	AR-AP4	a	07/19/02

*Added drawing

6A4-4

(PC-Am-0001)

381*	141-85-03	AR-AP5	a	07/19/02
382*	141-85-03	AR-AP6	a	07/19/02

***Added drawing**

6A4-5

(PC-Am-0001)

Request for Proposal No. DACA83-02-R-0016

SECTION 00010
PROPOSAL SCHEDULE

FY02 MCA PN55038 WBR,
AVIATION COMPLEX, PHASE 6A
WHEELER ARMY AIRFIELD, OAHU, HAWAII

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	AMOUNT
<u>BASE SCHEDULE</u>				
1.	Aviation Complex	1	Job	\$ _____
<u>OPTIONS</u>				
2.	Offsite Drain Line	1	Job	\$ _____
3.	Medium Company Operations Facility, COF-1	1	Job	\$ _____
TOTAL OPTIONS (Items 2 and 3)				\$ _____
TOTAL BASE SCHEDULE PLUS OPTIONS				\$ _____

The following will be completed by the Contracting Officer upon award:

TOTAL AWARD AMOUNT (Base Schedule plus
Option Nos. _____) \$ _____

NOTE: By submission of an offer under OPTIONS, Offeror agrees that the Government may exercise an Option or Options at the time of award, or at any time within 120 days following the date of the award of the basic contract. (See Provision No. 52.217-5, EVALUATION OF OPTIONS, in Section 00100.)

SAMPLE

SMALL BUSINESS SUBCONTRACTING PLAN

CONTRACTOR: _____

ADDRESS: _____

PHONE: _____

DUNS NO.: _____

SOLICITATION OR CONTRACT NUMBER: _____

DESCRIPTION: _____

1. The information herein provided, together with any attachments and subsequent amendments, is submitted as a subcontracting plan to satisfy the applicable requirements of P.L. 99-661 Section 1207, P.L. 100-180 Section 806, and FAR 52.219-9 (Jan 1991).

2. The following percentage goals, expressed in terms of a percentage of total planned subcontracting dollars, are applicable to the contract cited above or to the contract awarded under the solicitation cited above.

a. The total estimated percentage of all planned subcontracting to all types of business concerns under this contract is *Insert whole dollars & percentage*.

b. Small Business Concerns: *Insert whole dollars & percentage* of total planned subcontracting dollars under this contract is estimated to go to small business concerns.

c. Small Disadvantaged Business Concerns: *Insert whole dollars & percentage* of total planned subcontracting dollars under this contract is estimated to go to small disadvantaged business concerns.

d. Women-Owned Small Business Concerns: *Insert whole dollars & percentage* of total planned subcontracting dollars under this contract is estimated to go to women-owned small business concerns.

e. HUBZone Small Business Concerns: *Insert whole dollars & percentage* of total planned subcontracting dollars under this contract is estimated to go to HUBZone small business concerns.

f. Veteran-Owned Small Business Concerns: *Insert whole dollars & percentage* of total planned subcontracting dollars under this contract is estimated to go to veteran-owned small business concerns.

g. Service Disabled Veteran-Owned Small Business Concerns: *Insert whole dollars & percentage of total planned subcontracting dollars under this contract is estimated to go to service disabled veteran-owned small business concerns.*

3. Option Years: *(State the goals for the option years. If the same percentages will be used, state, "Same percentages as noted above will be used for each option year." If there are no option years, leave this portion out of your plan.)*

4. The following principle types of supplies and services are anticipated to be subcontracted under this contract to small business, small disadvantaged business, women-owned small business, HUBZone small business, veteran-owned small business, and service disabled veteran owned small business concerns:

Provide listing of subcontractors, their business size, and amount to be subcontracted. For example:

<i>Contractor</i>	<i>Size</i>	<i>Type of Work</i>	<i>\$ or %</i>
<i>S&S Sampling</i>	<i>SB</i>	<i>Soil drilling</i>	<i>\$5,000</i>
<i>ABC Testing</i>	<i>SDB</i>	<i>Material testing</i>	<i>\$15,000</i>
<i>XYZ Consultants</i>	<i>WOSB</i>	<i>Civil engineering</i>	<i>\$7,500</i>
<i>John Doe Surveying</i>	<i>HUBZone SB</i>	<i>Survey</i>	<i>\$15,000</i>
<i>Acme Plumbing</i>	<i>SDB</i>	<i>Plumbing</i>	<i>\$8,225</i>
<i>Ace Equipment Rental</i>	<i>SB</i>	<i>Equipment rental</i>	<i>\$20,000</i>
<i>Bob's Warehouse</i>	<i>VOSB</i>	<i>Electrical supplies</i>	<i>\$15,000</i>

5. The method used to develop the subcontracting goals in paragraph 2 above involved... *Provide statement that describes how goals were developed, e.g., "Identified firms that are capable of performing the services required in the disciplines indicated above and past experience in similar contracts."*

6. The method used to identify potential sources for solicitation purposes involve: *List sources of potential subcontractors. For example: SBA's PRO-Net database, Corps of Engineers' vendor listing, General Contractors' Association, past experience and/or familiarity with specific subcontractors, etc.*

7. Within the goals specified in paragraph 2 above, indirect costs are or are not included. *(A statement as to whether or not you included indirect costs in establishing subcontracting goals, and if they are, a description of the method used to determine the proportionate share of indirect costs to be incurred with (i) small, (ii) small disadvantaged and (iii) women-owned business concerns).*

8. The following individual will administer the subcontracting program:

Name: _____ Title: _____

Address: _____

Telephone: () _____

FAX: () _____

The duties of the above named person(s) involve:

a. Developing and maintaining subcontractor and supplier lists of small, small disadvantaged, women-owned, HUBZone, and veteran-owned small business concerns.

b. Ensuring small business concerns, small disadvantaged business concerns, women-owned small business concerns, HUBZone, and veteran-owned small business concerns are considered for assignments in which they are capable of performing.

c. Monitoring the progress toward proposed subcontracting goals.

d. Preparing and submitting periodic subcontracting reports to include the Standard Form (SF) 295 Summary Subcontract Report and the SF 294 Subcontracting Report for Individual Contracts.

e. Notifying the Contracting Officer of any deviation from this subcontracting plan.

9. The following outreach efforts will be taken to assure small business concerns and small disadvantaged business concerns will have an equitable opportunity to compete for subcontracts:

Provide description of your outreach efforts. For example:

a. Sources will be identified from the Small Business Administration's PRO-Net database.

b. Sources will be requested from business development organizations such as the Chamber of Commerce and Regional Minority Development Councils.

c. Participation in small business trade fairs.

10. The offeror agrees that the clause in this contract entitled "*Utilization of Small Business Concerns*" will be included in all subcontracts which offer further subcontracting opportunities, and all subcontractors except small business concerns who receive subcontracts in excess of \$500,000 for supplies or services or greater than \$1,000,000 for construction will be required to adopt and comply with a subcontracting plan similar to this one. The acceptability of percentage goals shall be determined on a case-by-case basis depending on the supplies or services involved, the availability of potential small business, small disadvantaged business, veteran-owned small business and women-owned small business subcontractors, and prior experience.

11. The offeror agrees to:

a. Cooperate in any studies or surveys as may be required.

b. Submit periodic reports in order to allow the Government to determine the extent of compliance by the offeror with the subcontracting plan.

c. Submit on a semiannual basis, Standard Form (SF) 294, Subcontracting Report for Individual Contracts, and SF 295, Summary Subcontract Report, in accordance with the instructions on the forms and the administering contracting office.

d. Ensure that its subcontractors agree to submit SF 294 and SF 295, if applicable.

12. The offeror agrees to maintain the following types of records to demonstrate compliance with this subcontracting plan:

a. Small business, small disadvantaged business, women-owned small business, HUBZone small business, and veteran owned small business concerns source lists, guides, and other data lists.

b. Organizations contacted for small, small disadvantaged, women-owned small business, HUBZone small business, and veteran owned small business sources.

c. On a contract-by-contract basis, records on each subcontract solicitation resulting in an award of more than \$100,000, indicating: (1) whether small business concerns were solicited and if not, why not, (2) whether small disadvantaged business concerns were solicited and if not, why not, and (3) if applicable, the reason award was not made to a small business concern.

d. Records to support other outreach efforts: contacts with business development organizations, chamber of commerce, and participation in business trade fairs.

13. *Provide a narrative on past performance of meeting/not meeting or exceeding your subcontracting goals.*

14. *Provide a statement on how you will foster Historical Black Colleges /Universities and Minority Institutions and that you will give them equitable opportunity to compete on any of the subcontracting disciplines that may be applicable to Colleges, Universities, or Minority Institutions.*

Signed: _____

Typed Name: _____

Title: _____

Date: _____

Typed Name: _____

Signed: _____ Date Approved: _____
Deputy for Small Business

Typed Name: _____

Signed: _____ Date Approved: _____
Procurement Center Representative
Small Business Administration

Plan Approved by: _____
Contracting Officer

Date Approved: _____

EVALUATION FACTORS FOR AWARD

1. 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 Inquiries: Address all inquiries regarding this Request for Proposals to:

U.S. Army Engineer District, Honolulu
Attn: Ms. Renee Hicks/~~Joy Sakamoto~~ (CEPOH-CT-C)
Building S-200
Fort Shafter, Hawaii 96858-5440
Phone No. (808) 438-8564/~~8593~~
Fax No. (808) 438-8588
E-Mail: renee.hicks@usace.army.mil or
~~joy.sakamoto@usace.army.mil~~

1.3 Proposal submission and evaluation:

1.3.1 Proposals will be requested in two steps for this lowest priced, technically acceptable (LPTA) procurement.

1.3.1.1 Technical proposals (Volume I) will be submitted in Step 1.

1.3.1.2 Price proposals (Volume II) and Subcontracting Plan (Volume III) will be submitted in Step 2.

1.3.1.3 The drawings and specifications issued to date are not complete. Final drawings and specifications will be issued in a post-closing amendment prior to submission of Step 2 volumes. Only those Offerors determined technically acceptable in Step 1 will be offered the opportunity to participate in Step 2.

1.3.2 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.

1.3.3 The Government intends to award without discussions to the Offeror with the lowest priced, technically acceptable proposal, in accordance with the provisions of this solicitation and applicable acquisition regulations. Those Offerors who receive an unacceptable rating on any of the non-price factors/subfactors will not be considered for award without discussions. However, if discussions are determined necessary during Step 1, the Contracting Officer will conduct discussions. If discussions are determined necessary during Step 2, discussions will be conducted only with Offerors already determined technically acceptable. Upon conclusion of discussions, if necessary, the Contracting Officer will request final proposal revisions from the Offerors and may, upon receipt of final proposal revisions, proceed to award a contract without further discussions or notice.

1.3.4 TECHNICAL. Numerical scores and other point-scoring techniques will not be used in the evaluation process. Each factor or subfactor will be rated either Acceptable or Unacceptable. The Government will evaluate offers in accordance with the EVALUATION FACTORS described in paragraph 3.0 of this section and the Offeror's proposed total price.

1.3.4.1 Factors/subfactors will be evaluated against the standards described in this section. Each factor/subfactor will receive one of the following ratings:

1.3.4.1.1 Acceptable: Proposal is acceptable; proposal demonstrates an acceptable understanding of the requirements. Offeror's proposed capability or proposed effort is of an acceptable level of quality and justified or substantiated by meeting the requirements of the factor or subfactor.

1.3.4.1.2 Unacceptable. Proposal is unacceptable; the Government's requirements are not met. The Offeror's proposal lacks evidence of the necessary capability to perform the proposed effort.

1.3.5 PRICE. The Offeror's price proposal will be evaluated separately from the offeror's non-price proposal. The Government will compare the competing prices proposed by all Offerors determined to have submitted technically acceptable offers to establish price reasonableness.

2.0 PROPOSAL SUBMISSION REQUIREMENTS: Offeror shall provide an INDEX for each of the proposal volumes/sections that shows the title of the subject matter discussed therein and the page number where the information can be found. In particular, Offeror shall specifically refer to the topics and evaluation factors addressed in this section of the instructions. Offeror shall tab and index the proposal to match the listed factors and subfactors. Proposals that are not tabbed and indexed may be considered non-responsive.

2.1 General Requirements for Proposals: Proposals shall be submitted in two (2) steps.

2.1.1 Step 1, Volume I, Technical Proposal. The proposal shall be clearly marked, "VOLUME I, TECHNICAL PROPOSAL, RFP NO. DACA83-02-R-0016." It shall contain:

2.1.1.1 One original and one copy (certified as a true copy) of the Offeror's executed joint venture agreement and identify the size status for each member of the JV (if the Offeror is a joint venture).

2.1.1.2 One (1) original proposal and five (5) copies, in the format for Technical Proposals as set forth in this Provision.

2.1.1.3 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;

2.1.1.4 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

2.1.1.5 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.

2.1.2 Step 2, Price Proposal. Proposals in Step 2 shall be submitted in two (2) separate envelopes.

2.1.2.1 Volume II, Price Proposal. The first envelope shall be clearly marked, "VOLUME II, PRICE PROPOSAL, RFP NO. DACA83-02-R-0016." It shall contain:

2.1.2.1.1 One original and two copies of the Offeror's completed Standard Form (SF) 1442, using a printed copy of the SF 1442 included in this solicitation.

2.1.2.1.2 One original and two copies of Section 00010, Price Proposal Schedule. Indicate whether or not Facilities Capital Cost of Money is included in the Offeror's costs of performing the work. Proposals that state that Facilities Capital Cost of Money is not included, or proposals that do not address Facilities Capital Cost of Money, will be deemed to have waived Facilities Capital Cost of Money.

2.1.2.1.3 One electronic copy of the Price Breakdown, formatted in either Microsoft Excel 2000 or Word for Windows 2000 or an earlier version of the same. Submit the electronic copy on a three and one-half inch (3-1/2") floppy diskette, IBM compatible, labeled with the offeror's name, the solicitation number and title, and the words, "Price Breakdown - Electronic Copy."

2.1.2.1.4 Submit one original bid bond in the form and amount that is required by the provision entitled, "PENAL SUM AND FORM OF OFFER GUARANTEE," in Section 00100, and other pertinent provisions and clauses in this solicitation.

2.1.2.2 Volume III, Subcontracting Plan (Large Business Concerns). If the Offeror is a large business concern, the Offeror shall submit a subcontracting plan in accordance with FAR 52.219-9 (see Section 00100, Appendix A for a sample, as provided by P-Am-0001). If the Offeror is a joint-venture (JV), the Offeror shall submit a copy of the JV agreement and identify the size status for each member of the JV. In addition, depending on the size status of the JV, the Offeror shall submit a subcontracting plan.

2.1.2.2.1 The second envelope shall be clearly marked, "VOLUME III, SUBCONTRACTING PLAN, RFP NO. DACA83-02-R-0016." Volume II will not be evaluated or rated. Only the selected Offeror's plan will be reviewed and must be approved prior to award of the contract.

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 (May 2001)," 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 may be used for clarity, but 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 (May 2001)," 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 3. "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 offeror 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 the technical proposals, or the amount of information that may be submitted to the Government. However, information contained within the proposal 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 on-site personnel, etc.) will be used throughout the duration of the contract and any substitutions of items will require prior approval by the Contracting Officer.

2.3.5 The Offeror's price proposal will be evaluated separately from the offeror's technical proposal. The Government will compare the competing prices proposed by all offerors determined to have submitted technically acceptable offers to establish price reasonableness.

3.0 EVALUATION FACTORS AND SUBMISSION REQUIREMENTS

3.1 All proposals will be evaluated on non-price factors and price. Offerors are required to provide data addressing all stated factors. If an Offeror does not have data relating to a specific factor, it shall be clearly stated. Offers that do not address all factors will be considered non-responsive and may not receive further consideration.

3.2 Non-price evaluation factors are equally important. All subfactors within a factor have equal importance.

TECHNICAL FACTORS (Step 1/Volume I):

Factor I, Past Performance and Past Experience

Subfactor A - Past Performance

Subfactor B - Past Experience

Factor II, Project Management and Organization

Subfactor A - On-site Organization

Subfactor B - Key Personnel

Factor III, Small Business Program

PRICE (Step 2/Volume II)

3.3 Each technical factor and subfactor will be evaluated on an acceptable/unacceptable basis. Acceptability will be based upon submission of all of the requirements identified in the respective submission section, and the following:

For Past Performance - The Offeror has provided at least 1 project meeting the stated criteria for relevancy and recency (completed after 1995, or still underway and awarded prior to 2001) receiving no less than a satisfactory final performance rating; and the Offeror must not

have received an Unsatisfactory performance evaluation on any Federal Government contract after 1995.

For Past Experience - The offeror must demonstrate experience on at least one relevant project completed after 1995, or still underway and awarded prior to 2001, in which they were/are the prime contractor.

Offerors will receive an acceptable or unacceptable rating for experience. If the Government concludes, based upon the evaluation of an Offeror's proposal, that there is significant doubt as to the offeror's ability to successfully perform and complete the required work, the offeror will be found technically unacceptable for this subfactor.

For Organizational Structure -The offeror must demonstrate how he proposes to structure the reporting chain and how the key personnel fit into the structure for on-site staff.

The Government will review and evaluate the organization chart and other pertinent information provided for this subfactor as either acceptable or unacceptable. The Offeror's proposal submission for this subfactor must demonstrate the offeror's ability to complete the project successfully through the use of an efficient organizational structure that allows for streamlined reporting processes, proper subcontractor management, ability to manage resources, and a technically knowledgeable and capable on-site staff.

For Key Personnel - The proposal includes all requested information for the factor. All proposed key personnel meet the minimum qualification standards described below and are from the Offeror's organization.

For Small Business Program - Offeror's Small Business Subcontracting Plan goals were met or reasonable justifications for not achieving these goals provided. Offers from Small Business concerns shall receive an acceptable rating.

3.4 The Government intends to award a contract to the Offeror whose proposal is the Lowest Priced-Technically Acceptable (LPTA) proposal. An acceptable rating for each factor and subfactor is required for an offeror's proposal to receive further consideration. Failure to receive an acceptable rating for any factor or subfactor will result in rejection of the offeror's proposal notwithstanding acceptable ratings for other factors or subfactors. Award will be made to the responsible offeror that submits the lowest priced offer that is technically acceptable to the Government.

3.5 Step 1/Volume I, Technical Proposal. Data provided in response to the non-price factors described below shall be included in Step 1/Volume I, "Technical Proposal".

3.5.1 Relevant Experience. Relevant experience refers to construction on military bases of new barracks and company operation facilities, and renovation/repair of occupied buildings/structures.

3.5.2 Evaluation Factor (1) Past Performance and Past Experience. Data provided in support of this factor shall clearly demonstrate the Offeror's ability to meet the requirements of the

contract based on his past experience and past performance history on relevant projects similar in size and scope to this contract. Only past experience and past performance considered relevant to this project will be considered (see paragraph 3.5.1 above).

3.5.2.1 Subfactor (1)(a) Past Performance. For each of the contracts identified in Subfactor B, Past Experience, indicate the final overall performance rating received. Only performance ratings for the Offeror will be considered. Provide documentation of the indicated rating in this tab. Undocumented performance ratings will not be considered.

3.5.2.1.1 The Government will review and evaluate information about each offeror's past performance and will rate offerors as acceptable or unacceptable on the basis of their documented past performance. By "past performance" the Government means an offeror's reputation for satisfying its customers by delivering quality work in a timely manner at a reasonable price. Past Performance also includes an offeror's reputation for integrity, reasonable and cooperative conduct, effective subcontractor management, and commitment to customer satisfaction. In reviewing and evaluating an offeror's past performance, the Government will consider information obtained from the offeror and may consider information from other sources, including past and present customers and their current and former employees. Note the unavailability (due to nonexistence) of past performance records or information cannot result in an unacceptable rating for this subfactor, but instead, will result in a neutral rating. Evidence that an offeror has poor past performance in any area may result in an unacceptable rating for the entire subfactor.

3.5.2.1.2 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 including the Construction Contractor Appraisal Support System (CCASS) and inquiries with previous customers/owners/subcontractors.

3.5.2.2 Subfactor (1)(b) Past Experience. Offerors shall identify contracts demonstrating relevant experience completed after 1995, or still underway and awarded prior to 2001, in which they were/are the prime contractor.

3.5.2.2.1 For each of the projects provided in support of this factor, a Project Data Sheet shall be completed. This sheet shall include all of the data listed below. All requested information must be provided. Failure to provide any of the requested data may be cause to eliminate a project from consideration in the evaluation.

3.5.2.2.1.1 Contract Number, Project Description and Location,

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

3.5.2.2.1.3 Original Contract Amount,

3.5.2.2.1.4 Final Contract Amount,

3.5.2.2.1.5 Original Completion Date,

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

3.5.2.2.1.7 Actual Completion Date (date work accepted by the customer),

3.5.2.2.1.8 Estimated Percentage of Actual onsite Construction Work that the Offeror and its employees performed on the project,

3.5.2.2.1.9 Letters of Appreciation or 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.

3.5.2.2.1.10 Interim or Final Performance evaluation (if customer was the Federal Government, submit Standard Form 1420 or DD Form 2626),

3.5.2.2.1.11 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.

3.5.2.2.1.12 For each completed project which the Offeror identifies as an example of past performance, describe that completed project's relevance to the current, proposed project in terms of the Offeror's proposed use of the same key management personnel.

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

3.5.2.2.2 If the Offeror intends to rely on its joint venture partners past experience, the Offeror shall submit Project Data Sheets demonstrating relevant past experience.

3.5.2.2.3 In order to demonstrate the depth of its experience, Offerors may submit data for themselves and their joint venture partners for the same project. However, the submission of data on the same project will only be counted as a single project.

3.5.2.2.4 The Government will review and evaluate the documentation submitted with each proposal with respect to the offeror's past and current work experience, including technical similarities between the offeror's work experience and the work described in this solicitation. Direct experience of the offeror or any joint venture partners that any offeror proposes to utilize in the execution of this project will be considered.

3.5.3 Evaluation Factor (2) Project Management and Organization.

3.5.3.1 If an Offeror is awarded a contract, all key personnel that are included in the Offeror's proposal shall be used on the contract. Substitution or addition of any key personnel not included in a successful Offeror's proposal must be submitted for review and acceptance by the Contracting Officer prior to the start of work by that individual. The Contractor is informed that the Government will be allowed 30 days to respond. Any delays resulting from this post-award process shall be the responsibility of the contractor and shall not be a basis for any equitable contract adjustment.

3.5.3.2 Subfactor (2) (a) Onsite Organization. Provide a diagram depicting the proposed management organization. The chart shall clearly identify lines of authority and areas of responsibility. Include a narrative description of how the management team will operate, and the specific duties and responsibilities of the key personnel.

3.5.3.2.1 Describe the Offeror's proposed on-site organization and structure.

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

3.5.3.2.3 Incorporate into the description an organizational chart depicting the on-site managerial and technical staff. At a minimum, offeror must include the following key personnel: Contractor Quality Control Systems Manager, Project Superintendent, Project Manager, Project Safety Officer, Project Scheduler, and Structural Foreman. In addition to these six positions, offeror should identify any other managerial and/or technical positions that will be used on this project to demonstrate the Offeror's ability to provide quality work within the project completion period.

3.5.3.3 Subfactor (2) (b) Key Personnel. The Government will review and evaluate the qualifications and experience of each of the offeror's proposed key personnel. At a minimum, offeror must include the following six positions to be used on this project: Contractor Quality Control Systems Manager (CQCSM, see Section 01455), Project Superintendent, Project Manager, Project Safety Officer, Project Scheduler (see Section 01320), and Structural Foreman. In addition to any other requirements identified elsewhere in the solicitation, the offeror's proposed personnel for these six positions shall have a minimum of five years of experience on Federal Government projects of similar scope, dollar value, and complexity. Of that experience, the offeror's personnel proposed for these six positions, must have a minimum of two years of specialized experience (in the proposed position) on Federal Government projects of similar scope, dollar value, and complexity. The length of experience required in this paragraph applies only to the listed six positions and is not a requirement for any of the offeror's other managerial and/or technical personnel that will be used on this project.

3.5.3.3.1 Identify the individuals proposed to fill the key personnel positions identified above. Provide resumes

for each individual. Resumes must support the individual's qualifications to perform in the identified position, including any special skills or experiences deemed worthy of note. Resumes shall include a List of projects completed by the proposed individual. The list shall include contract number, completion date, title, detailed description, and dollar value, and position held. Preference will be given to individuals with past relevant experience (see paragraph 3.5.1 above).

3.5.3.3.2 If an Offeror is awarded a contract, all individuals that are included in the Offeror's proposal shall be used on the contract. Substitution or addition of any individual(s) not included in a successful Offeror's proposal must be submitted for review and acceptance by the Contracting Officer prior to the start of work by that individual. The Contractor is informed that the Government will be allowed a minimum of 30 days to respond. Any delays resulting from this substitution process shall be the responsibility of the contractor and shall not be a basis for any equitable contract adjustment.

3.5.4 Evaluation Factor (3)- Small Business Program. Past performance in complying with Small Business Subcontracting Plan. Offerors shall submit data that demonstrate its use of Small Business Concerns. Small Business Concerns include small disadvantaged businesses (SDB), women-owned small businesses, HUBZone small businesses, veteran-owned small businesses and service disabled veteran-owned small businesses.

- Provide SF 294' s, "Subcontracting Report for Individual Contracts" for projects of similar scope and magnitude. Provide reasonable justifications if goals were not met.

3.5 Step 2/Volume II, Price Proposal

3.5.1 The Offeror's price proposal will be evaluated separately from the offeror's non-price proposal. The Government will compare the competing prices proposed by all Offerors determined to have submitted technically acceptable offers to establish price reasonableness.

3.5.2 **A Two (2) price breakdowns** shall be included in Volume II, "Price Proposal", **as described below.**

3.5.2.1 Price Breakdown A. The Offeror's proposed total price for Item No. 1 shall be broken down according to the following items of work. Only a lump sum price for each of the items identified below is required. Do not submit a cost breakdown. **The prices provided shall include all work within five feet of the building. (Price breakdown A is not required for Items No. 2 and 3).**

~~(The breakdown format, as provided by post-closing amendment will be utilized.)~~

BK-1
SCB-1
COF-2
Bldg. 118

Bldg. 102

All Sitework and Utilities not included in Item 2

3.5.2.2 Price Breakdown B. The Offeror's proposed total price for each of Item Nos. 1, 2, and 3 shall be individually broken down by trade. Following is a partial list of anticipated subcontractors/trades. Offerors shall provide a complete listing of all work to be subcontracted and the associated cost of the applicable trade work. The total of each item breakdown shall equal the amount bid for that Item in Section 00010, Proposal Schedule.

DIRECT COSTS:

Work by Prime Contractor

Work by Subcontractors (Price by Trade)

Sitework

Asbestos Removal

Landscaping

Masonry

Reinforcing Steel

Structural Steel

Drywall

Painting

HVAC

Plumbing

Fire Protection

Electrical, Interior

Electrical, Exterior

Etc. (List all other subcontract prices individually)

Subtotal Direct Costs

INDIRECT COSTS:

Field Office Overhead

Home Office Overhead

Profit

Tax

Bond

Subtotal Indirect Costs

TOTAL ITEM PRICE

252.209-7004 SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY (MAR 1998)

(a) Unless the Government determines that there is a compelling reason to do so, the Contractor shall not enter into any subcontract in excess of \$25,000 with a firm, or subsidiary of a firm, that is identified, on the List of Parties Excluded from Federal Procurement and Nonprocurement Programs, as being ineligible for the award of Defense contracts or subcontracts because it is owned or controlled by the government of a terrorist country.

(b) A corporate officer or a designee of the Contractor shall notify the Contracting Officer, in writing, before entering into a subcontract with a party that is identified, on the List of Parties Excluded from Federal Procurement and Nonprocurement Programs, as being ineligible for the award of Defense contracts or subcontracts because it is owned or controlled by the government of a terrorist country. The notice must include the name of the proposed subcontractor notwithstanding its inclusion on the List of Parties Excluded From Federal Procurement and Nonprocurement Programs.

52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to (a) commence work under this contract within 7 calendar days after the date the Contractor receives the notice to proceed with the exception of Building 102, which will not be made available to the Contractor until 19 May 2003, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than **757** calendar days (cds). **Should Option 2, "Medium Company Operations Facility, COF-1" be exercised, completion date will be extended by 30 cds to 787 cds.** The time stated for completion shall include final cleanup of the premises.

(End of clause)

52.211-12 LIQUIDATED DAMAGES--CONSTRUCTION (SEP 2000)

(a) If the Contractor fails to complete the work within the time specified in the contract, the Contractor shall pay liquidated damages to the Government in the amount of \$350.00 for each calendar day of delay until the work is completed or accepted.

(b) If the Government terminates the Contractor's right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Termination clause.

(End of clause)

52.211-13 TIME EXTENSIONS (SEP 2000)

Time extensions for contract changes will depend upon the extent, if any, by which the changes cause delay in the completion of the various elements of construction. The change order granting the time extension may provide that the contract completion date will be extended only for those specific elements related to the changed work and that the remaining contract completion dates for all other portions of the work will not be altered. The change order also may provide an equitable readjustment of liquidated damages under the new completion schedule.

(End of clause)

52.211-15 DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS (SEP 1990)

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S-17.1	OPTION FOR INCREASED SCOPE -- SEPARATELY PRICED LINE ITEM (APR 1996)

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

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

52-249-5000 BASIS FOR SETTLEMENT OF PROPOSALS

APPENDIX A - LIST OF DRAWINGS (Please note that a revised List
of Drawings will be issued in an upcoming post-closing
amendment.)

APPENDIX B - PROJECT SIGNS

SECTION 00800 Special Contract Requirements

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-36.9 AS-BUILT DRAWINGS (OCT 1999)~~

~~The Contractor shall keep on the job site two complete sets of drawings. These drawings will be identified as working 'As-Built' drawings and shall be used to record all changes from the original drawings and specifications, the exact 'As-Built' locations, sizes and types of equipment, etc. These working 'As-Built' drawings shall be corrected daily and the quality of draftsmanship shall be compatible with the draftsmanship of the original drawings.~~

~~The working As-Built drawings will be reviewed monthly by the Contracting Officer's Representative (COR) to assure satisfactory performance in maintaining an accurate and current recording of as-built conditions. Failure to maintain an accurate and current recording of as-built conditions, as determined by the COR, shall be cause for appropriate action by the Contracting Officer, including withholding a part of contract payment until such time as the deficiencies have been corrected.~~

~~At the final inspection or upon beneficial occupancy of the facility by the user, whichever comes first, the Contractor shall provide one of the two sets of working As-Built drawings to the COR for turnover with the facility. The Contractor shall continue to maintain the remaining set of working As-Built drawings until such time the COR expects no more additional changes and or modifications to the project. Contractor shall obtain a copy of the CADD files from the COR. Within 20 calendar days of receipt of a request by the COR, the Contractor shall submit to the Contracting Officer one (1) full set of CADD files in TYPE OF CADD FORMAT format on CD-ROM. The contractor modifications to the CADD files shall be completed with native TYPE OF CADD FORMAT vector graphic Commands. The as-built drawings shall be a record of the construction as installed and completed by the Contractor. They shall include all the information shown on the contract set of drawings and a record of all deviations, modifications, or changes from those drawings, however minor, which were incorporated in the work, all additional work not appearing on the contract drawings, and all changes which are made after final inspection of the contract work.~~

~~In the event the Contractor accomplishes additional work which changes the as-built conditions of the facility after submission of the as-built drawings, the Contractor shall furnish revised and/or additional drawings as required to depict as-built conditions. The requirements for these additional drawings will be the same as for the as-built drawings included in the original submission.~~

[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-36.34 VEHICLE REGISTRATION

1. All vehicles operating on Army Installations must have a valid registration, valid certificate of insurance, current safety inspection and be operated by a licensed driver. Vehicle operators shall be prepared to present these documents when requested by the security guard.
2. Contractor vehicles utilized in performance of the contract shall be registered with the Installation Provost Marshal for entry into any Army Installation. This includes contractor employees' privately-owned vehicles (POVs) used to travel to and from the job site. Employees will be allowed to register only one vehicle. It shall be the sole responsibility of the contractor to register vehicles with the Provost Marshal.
3. Prior to contract performance, the contractor shall provide the Contracting Officer with a list of company-owned vehicles, employee POVs, and any subcontractor vehicles to be registered. The Contracting Officer will prepare a request for vehicle registration to the Provost Marshal. Upon receipt of the signed request the contractor shall report directly to the Provost Marshal for vehicle registration. Contractor employees must report in person for registration of their POVs. The following documents will be required to be presented to the Provost Marshal for vehicle registration:
 - a. Contracting Officer's request for vehicle registration.

- b. Valid Vehicle registration
 - c. Valid Certificate of Insurance
 - d. Current Safety Inspection
 - e. Valid driver's license
4. At any time contractor employees (or subcontractor employees) are operating contractor-owned vehicles on an Army Installation, they shall have in their possession a letter signed by a corporate officer authorizing the individual to drive the vehicle.
 5. The Contracting Officer and the Provost Marshal office shall be notified of any changes in vehicles within three business days of the change.
 6. In the event the Provost Marshal issues extended passes for vehicles, lost passes shall be reported immediately, in writing, to the appropriate Provost Marshal Office, in order to obtain new passes. Notification shall include all circumstances surrounding the loss of the original passes. All vehicle passes issued shall be returned to the Provost Marshal upon completion of the contract, termination of an employee or discontinued use of the registered vehicles.
 7. Failure to follow the procedures outlined above may result in delays in entering Army Installations. The Government is not responsible for any adverse impact on the contractor or its operation as a result of delays due to the failure to register vehicles.

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 ~~Input No. of Days (TBD) 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. Government personnel (**number of individuals to be furnished at a later date**) will attend this workshop. The partnering workshop will be held **at a location and date** to be determined at a later time.

[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-36.12 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**, copy 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 bidder 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-23.2 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-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. 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-19A U.S. ARMY CORPS OF ENGINEERS SAFETY AND HEALTH REQUIREMENTS MANUAL, EM 385-1-1 (FEB 01)

This paragraph applies to contracts and purchase orders that require the contractor to comply with EM 385-1-1 (e.g., contracts that include the Accident Prevention clause at FAR 52.236-13 and/or other safety provisions.) EM 385-1-1 and its changes are available at the following web site:

http://www.hq.usace.army.mil/soh/hqusace_soh.htm

The Contractor shall be responsible for complying with the current edition and all changes posted on the web as of the effective date of this solicitation.

[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 found at the end of this section.

(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]

S-17.1 OPTION FOR INCREASED SCOPE -- SEPARATELY PRICED LINE ITEM (APR 1996)

The Government may require the construction of the numbered line item(s), identified in the bidding schedule as (an) option item(s), in the quantity and at the price stated. The Contracting Officer may exercise the option(s) at time of award or by written notice to the Contractor **within 120 days** from time of award. Performance period(s) for the option(s) will be identified in the FAR clause entitled COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK, in Section **00700**.

[End of Statement]

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]

52.231-5000 EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE.
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 *[insert Roman numeral for the appropriate region of the schedule]*. 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. The data shall be submitted on Standard Form 1411, Contract Pricing Proposal Cover Sheet.

(End of clause)

52.249-5000 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.

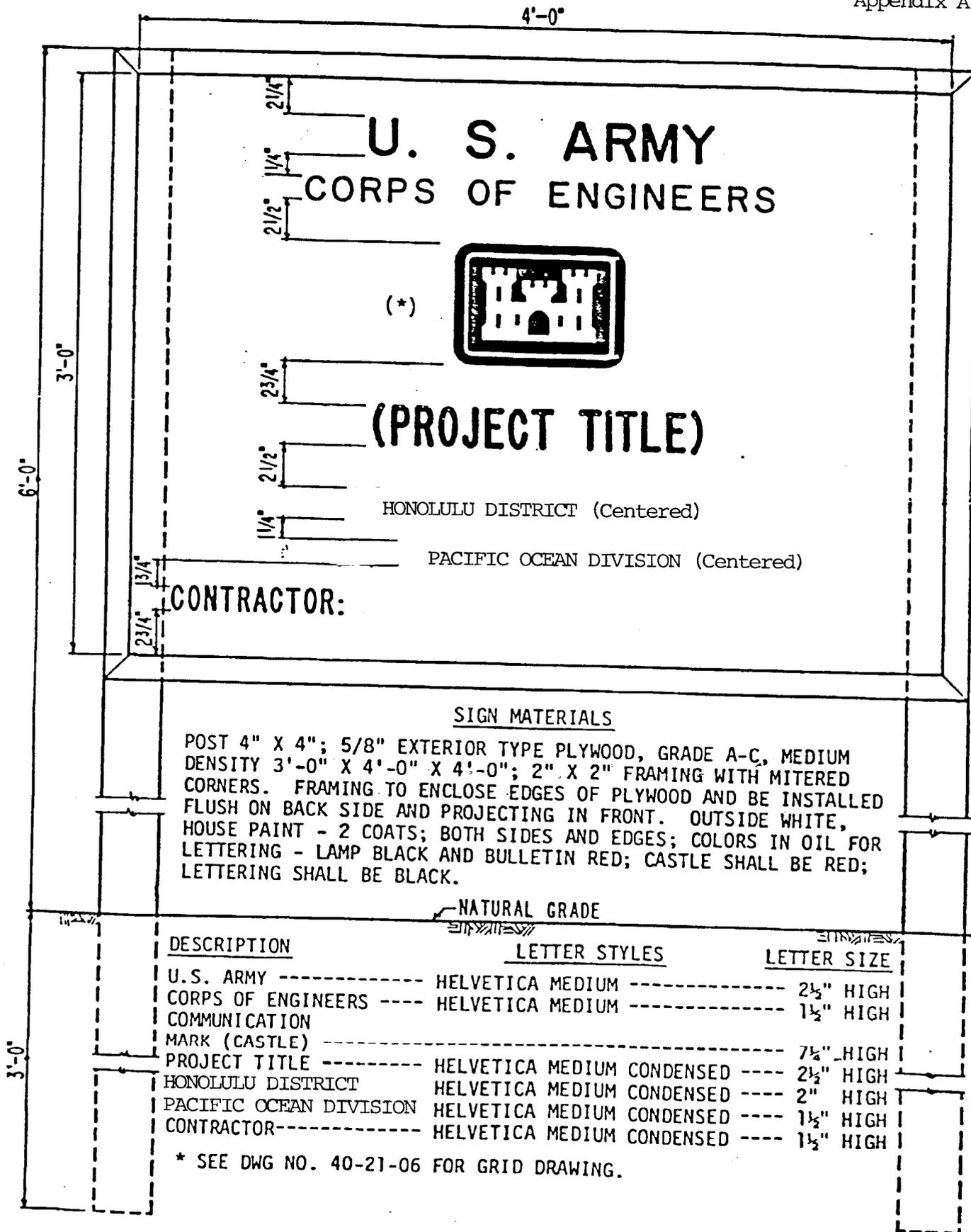
(2) If equipment costs have been allocated to a contract using predetermined rates, those charges will be adjusted to actual costs.

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

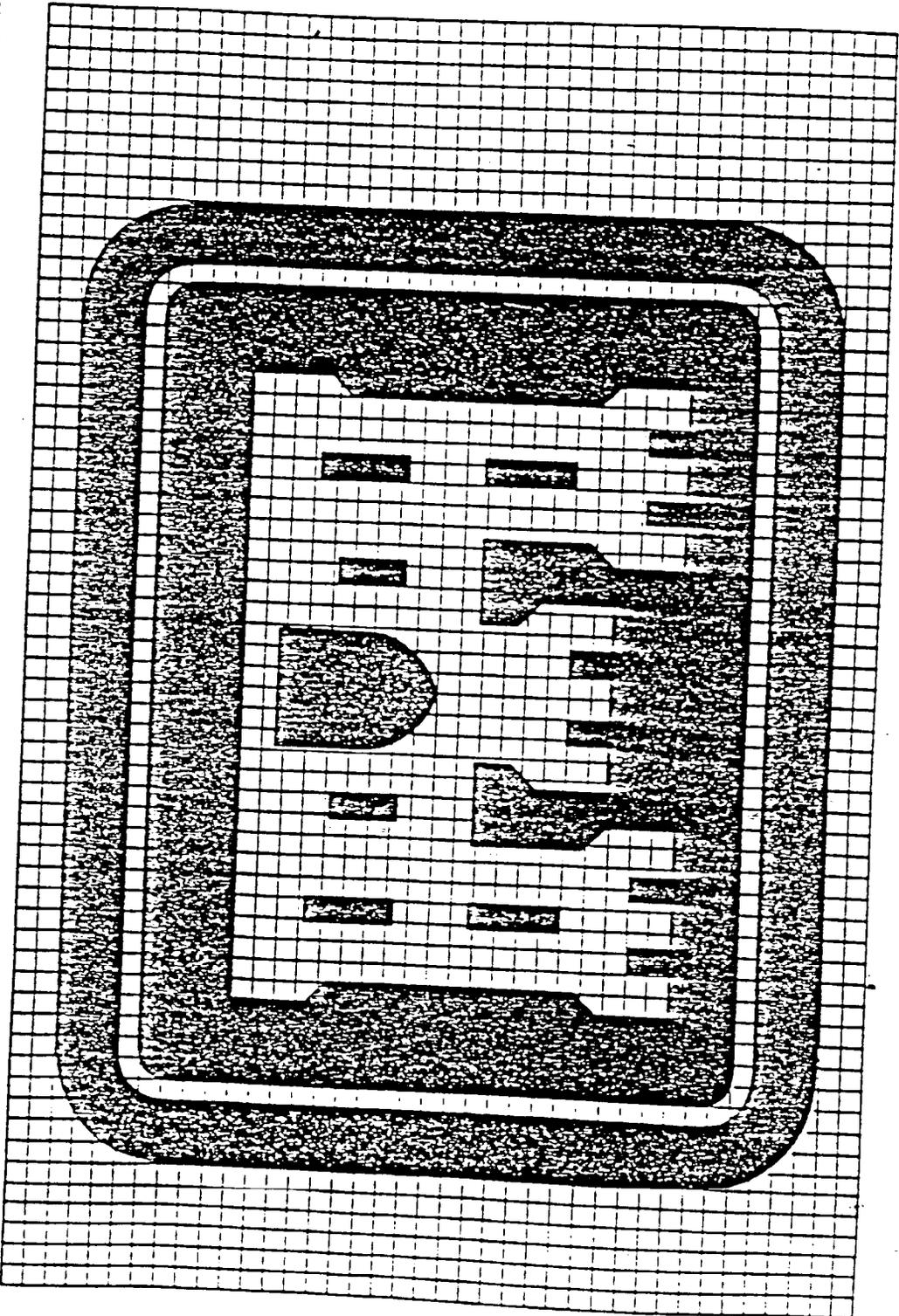
(4) Ownership costs (depreciation) will be determined using the contractor's depreciation schedule (subject to the provisions of FAR 31.205-11).

(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)



PROJECT SIGN



NOTE: The proportions shown are to be followed exactly when manually reproducing the mark at extremely large sizes. Background - Red; Casicle - White.

GRID DRAWING OF COMMUNICATION MARK

DWG. NO. 40-21-06

SECTION 00900
Miscellaneous Attachments

ATTACHMENT 1 (Contractor's Questions and Government's Answers/Responses)

Q1. Since pricing information is being provided under the second stage of the proposal process and the plans issued with the RFP are not 100% complete, final pricing from subcontractors will not be obtained prior to the first stage submittal date. Will the offeror be allowed to propose several subcontractors per trade within the first stage submittal?

A1. Reference is made to Main Table of Contents, page i. It was amended by Am-0003 to remove evaluation of subcontractors. Please note that submission of modified technical proposals is no longer applicable.

Q2. A roof hatch or roof scuttle has been specified in your above-mentioned project. However, guardrail protection for the hatch has not been specified to protect the open hole and to comply with OSHA standards.

A2. Drawings to be issued after the first stage submittal of technical proposals will reflect guardrail for the roof hatch.

Q3. Is the Bid Bond to be submitted in Stage #1 or Stage #2?

A3. Bid Bond is to be submitted at Stage #2. Please refer to Am-0002's SF 1442.

Q4. Cannot find the Attachment A to Section 00600 (SF LLL - Disclosure of Lobbying Activities).

A4. Attachment A to Section 00600 has been included via Am-0002.

Q5. Please confirm that resumes of subcontractors are not required for the Technical Proposal.

A5. Section 00210 no longer contains the subcontractor evaluation requirement.

Q6. Please confirm that the Subcontracting Plan is to be turned in with the Price Proposal in Step 2, and not with the Technical Proposal in Step 1.

A6. Section 00210 now reflects the submission requirement of a Subcontracting Plan by large business concerns being provided together with the Price Proposal in Step 2.

Q7. For Past Performance and Past Experience - If the Government will consider projects still underway, why are you only considering projects awarded prior to 2001 and not prior to 2002?

A7. Section 00210 is hereby amended to change the criteria for recency from completed after 1995, or still underway and "awarded prior to 2001" to "awarded prior to June 2001".

Q8. Is there a specification for shotcrete? Per Am-0002, Section 03371 is listed under Project Table of Contents, but no specification for shotcrete was included. Please clarify.

A8. Specifications to be issued after first stage submittal of technical proposals will include a section on shotcrete.

Q9. Building 102 calls out wood windows with laminated glass. Detail 3 on AR 76 would not meet any Bomb Blast tests, and there is no spec for wood windows. Please clarify.

A9. Specifications to be issued after first stage submittal of technical proposals will include a section on wood windows.

Q10. Section 08580 is written around a very technical spec or specific products. Could you name a manufacturer that can meet this spec?

A10. See attached list of manufacturers included as Attachment 2 to Section 00900 entitled, "Blast Mitigation Window Manufacturers."

Q11. The specs call out insulated glass, and the window schedule calls out single laminated glass. Which is correct? The spec calls out a u value that would require insulated glass. We cannot meet both. Please clarify.

A11. There is no insulated glass in this project.

Q12. Section 08810 calls out laminated glass to have 1.52MM PVB interlayer. It gives no glass make up or quality and thickness. Bldg 102 calls for 6.35MM laminate. This is standard for .030 PVB interlayer glass. BK1 calls for tinted laminate and gives no thickness for glass. Company Ops buildings call for 3/8 nominal tinted laminate with .060 PVB. Soldier Community calls for tinted tempered. This leaves a lot of open questions on the glass. Examples: can tint be in the laminate; can 3/8 glass be 1/16 PVB 1/8" glass and 3/16" glass? Please clarify.

A12. Drawings and specifications to be issued after first stage submittal of technical proposals will clarify these discrepancies.

Q13. This question is for buildings 841, 842 and 843. Looking at the prints (MG-6, MG-7 and MG-8) there are FCU's for each room. My question is do these units get connected to the ECMS system or are they just stand alone units. If they are just stand alone units, are we the controls contractor responsible for installation of the thermostats?

A13. Drawings to be issued after first stage submittal of technical proposals will show these FCUs connected to the ECMS.

Q14. We have not been able to find any information on the existence of hazardous substances. Has there been a site survey for asbestos, lead in paint, polychlorinated biphenyls (PCBs), chlordan, and other hazardous substances? Will the results be made available to the bidders prior to submission of the price proposals?

A14. Drawings and specifications to be issued after first stage submittal of technical proposals will identify the hazardous materials.

Q15. Reference is made to specification Section 06650, Solid Polymer (Solid Surfacing) Fabrication and drawing sheet AG-32, miscellaneous details. The drawings indicate plastic

laminate counter tops, backsplashes and millwork but the specifications call out solid surface material. Please advise if the above items are to be plastic laminate or solid surface.

A15. Use plastic laminate for BK-1 and SCB. See specification section 12320, paragraph 2.2.

Q16. Please provide Wall Lockers and Gear Lockers specifications for Bldgs COF-1 and COF-2. Also, Hardware Schedule for Bldgs 102 and 118.

A16. Drawings and specifications to be issued after first stage submittal of technical proposals will provide clarification for the wall lockers, gear lockers and hardware schedule for Bldgs 102.

Q17. The channel that goes around the perimeter of the building (per Detail 1/SG-12) is listed as C250 x 90. This converts to C10 x 60#. However, the mills do not make a C10 x 60# channel. The heaviest C10 available is 30#/LF, not 60#. Could you please clarify what is to be used in lieu of the C250 x 90 that is shown in the contract drawings?

A17. Drawings to be issued after first stage submittal of technical proposals will be revised to indicate a C250 x 23 channel.

Q18. The information given in the drawings/specs for FRP grating is 1" x 1/8" with 1-3/16" spacing and cross rods @ 4" o.c. That description is for mild steel grating and not FRP grating. A standard call out for FRP grating would be either (a) 1-1/2" deep square mesh pattern, or (b) 1" pultruded grating. The mesh pattern type is created by molten fiberglass poured into a mold, cooled and then the mold is removed to create the mesh pattern. The pultruded grating is created by pulling strands of glass fiber through a resin until it comes out looking like a "T" or "I". It is run in 20' lengths, cut off, and then holes are poked through the bearing bars and cross rods are slid through them and glued in place. It comes out looking somewhat similar to regular grating (mild steel). We need to know if 1-1/2" deep square mesh pattern FRP is to be used or 1" pultruded FRP?

A18. Drawings to be issued after first stage submittal of technical proposals will be revised to address this issue.

ATTACHMENT 2 (Blast Mitigation Window Manufacturers)

ACE Security Laminates
Arpal Defender, Inc.
Ballistica
CHB Industries
Century Manufacturing, Inc.
Clear Choice
Consecur Systems
Dow Corning
Dupont
GE Polymershapes Insulgard
General Electric
Glasslock
Globe-Amerada Glass Co.
Happy VC
Haverkamp Security Technologies, Inc.
Inovata Security Solutions, Inc.
Kawneer, Inc.
Klil Industries Ltd
Laminated Glass Corporation
MTD Industries, Ltd.
Norshield Security Products
Overly Manufacturing Company
Pinnacle Armor
Romag Security Laminators, Ltd.
Ross Technology Corporation
SISCO
Saint-Gobain Sully
Security First Distributors, Inc.
Sierracin/Sylmar
Solutia, Inc.
Steelite Systems
Suncoast Glass Protection, Inc.
TEMPGLASS
United States Bullet Proofing Co.
VIRACON
Visionwall Technologies, Inc.
Windell Limited

ACE Security Laminates

Location: Ottawa , Ontario

Markets: Certified ACE Dealer Network throughout the United States and Canada. ACE can be found in 40 different countries. Please contact ACE for specifics.

Notes: ACE (Advanced Coating Engineering) is a dry laminated converted product line allowing thicker material. Typical window films materials are 4, 7, to 14 microns in thickness, whereas dry laminated materials can be converted up to 26 microns in thickness. Thin materials become inelastic and fade and yellow over time. Manufactures own product and additionally buys polyester film and adhesives from vendors and converts in-house.

Product: Safety window films and security laminates, retrofit anchoring system in order to retain windows in the frame when blast wave exceeds threat risk. OEM safety film and/or security laminates on windows on location in North America (max 60" wide) or at ACE's plant.

Product name: SF (Safety Films) series 100, 200, SL (Security Laminates) series 300, 400
Web site: <http://www.SMASHandGRAB.com>
Test data available: Yes (contact manufacturer)
POC: Peter Fabian (613) 237-0000 and fax (613) 237-1774
E-Mail: null
POC: John Whittor +44-(0)1642-404040 and fax +44-(0)1724-404224
E-Mail: bisteel@corusgroup.com

Arpal Defender, Inc.

Location: Bethesda , MD
Markets: Directly through distributors
Notes: null
Product: Energy absorbing windows and cable catch systems
Product name: DEFENDER
Web site: <http://www.arpal.com>
Test data available: Yes (tests were conducted by Arpal in shock tube following U.S. Government test procedures; contact manufacturer). Also full-scale blast test for U.S. Government agencies.
POC: Marc Gregorio (301) 571-9333 and fax null
E-Mail: null

Ballistica

Location: Minneapolis , MN
Markets: Through distributors
Notes: null
Product: Laminated glass
Product name: Return-fire
Web site: <http://www.ballisticainc.com>
Test data available: Yes, but none against blast effects.
POC: Andy Shapero (612) 362-9188 and fax (612) 362-8991
E-Mail: null

CHB Industries

Location: Smithtown , NY
Markets: Direct
Notes: Uses CHB FrameGard and Lifeline Cord System, the Gull Tape Systems and Madico Film.
Product: Retrofit window systems
Product name: Hardglass and FrameGard
Web site: <http://www.chbwindowfilm.com>
Test data available: Yes (contact manufacturer)
POC: Dan Venet (631) 360-0431 and fax (631) 360-3068
E-Mail: null
POC: Carol Borow (631) 360-0431 and fax (631) 360-3068
E-Mail: null

Century Manufacturing, Inc.

Location: North Las Vegas , NV
Markets: Direct to bidders
Notes: New products developed to your specifications.

Product: Blast-resistant window and door package.
Product name: C.M.I. Blast Series
Web site: null
Test data available: Yes (contact manufacturer)
POC: Jay W. Leavitt (702) 385-9309 and fax (702) 385-7871
E-Mail: null

Clear Choice

Location: Cocoa , FL
Markets: Direct or through distributors
Notes: Buys window film from Clear Defense which is also an authorized dealer.
Product: Retrofit window frame attachment system with film added to window
Product name: Shockline
Web site: <http://www.shockline.com>
Test data available: U.S. Government testing conducted in FY00.
POC: Mike Alflen (407) 452-2503 and fax (407) 452-8699
E-Mail: null

Consecur Systems

Location: Boca Raton , FL
Markets: Direct or through distributors
Notes: null
Product: Retrofit window system
Product name: Consecur Systems Laminate
Web site: <http://www.consecursystems.com>
Test data available: Yes, for bullet resistance and impact (contact manufacturer); U.S. Government testing conducted in FY00.
POC: Neil Segal (561) 488-9966 and fax (561) 883-2067
E-Mail: null

Dow Corning

Location: Midland , MI
Markets: Through distribution chain
Notes: Will provide free products for testing.
Product: Sealants
Product name: Silicon Structural Adhesive, Silicone Structural Glazing, and Curtainwall Adhesive/Sealant, and Silicon Building Sealant
Web site: <http://www-dowcorning.com>
Test data available: Yes (contact manufacturer)
POC: William R. O'Brien (517) 496-7158 and fax (517) 496-4586
E-Mail: null

Dupont

Location: Wilmington , DE
Markets: To laminators
Notes: null
Product: Inner layer for laminated glass
Product name: Spallshield, Sentryglass Plus

Web site: <http://www.dupont.com/safetyglass>
Test data available: Yes (contact manufacturer). U.S. Government testing results available by password.
test_32
test_33
test_57
POC: Dr. John Turnbull (302) 892-5554 and fax (302) 992-3888
E-Mail: null

GE Polymershapes Insulgard

Location: Hyattsville , MD
Markets: Direct
Notes: GE Polymershapes Insulgard has been a leading producer of architectural security products for almost 30 years. The firm carries a full line of bullet and blast resistant fabricated products, such as doors, fixed and operable windows and transactions windows, as well as a wide assortment of transparent and opaque armor materials.
Product: Bullet and blast resistant doors and windows
Product name: GE Polymershapes Insulgard
Web site: null
Test data available: Yes (contact manufacturer)
POC: Tom Haines (800) 638-6718 and fax (301) 927-4531
E-Mail: Tom.Haines@gepex.ge.com

General Electric

Location: Waterford , NY
Markets: Direct and through distributors
Notes: null
Product: Sealants
Product name: Ultra Glaze Silicone Structural Glazing Sealant
Web site: <http://www.gesilicones.com>
Test data available: Yes (contact manufacturer)
POC: Jennifer Russell (518) 233-2247 and fax (518) 233-2642
E-Mail: null

Glasslock

Location: San Jose , CA
Markets: Distribution network
Notes: Buys window film from all major manufacturers.
Product: Polyester composite material glazing and attachment frames
Product name: GLASSLOCK
Web site: <http://www.glasslock.com>
Test data available: Yes (contact manufacturer). U.S. Government testing results available by password.
test_49
test_50
test_51
POC: Scott Haddock (408) 999-0990 and fax (408) 999-0993
E-Mail: null

Globe-Amerada Glass Co.

Location: Elk Grove , IL
Markets: To A&E firms, installers, and security frame manufacturers
Notes: null
Product: Laminated glass
Product name: null
Web site: <http://www.globeamerada.com>
Test data available: Yes (contact manufacturer).
POC: Cheri Kellman (800) 323-8776 ext. 2247 and fax (847) 364-2909
E-Mail: null

Happy VC

Location: Lod , Israel
Markets: null
Notes: null
Product: Blast protection windows
Product name: null
Web site: null
Test data available: Yes (contact manufacturer). U.S. Government testing conducted in FY00.
POC: Yori Sofrin 972-8-920-9135 and fax 972-8-920-9979
E-Mail: null

Haverkamp Security Technologies, Inc.

Location: Muster , Germany
Markets: Distributors
Notes: PROFILON A1 is cold-laminated film,PROSECURAL is a plate similar to the GE LEXAN.
STABAGARD is a metal mesh curtain.
Product: Window film, secondary retrofit glazing window system, light metal antishatter/explosion-resistant curtain
Product name: PROFILCON A1, PROSECURAL, STABAGARD
Web site: <http://www.profilon.com>
Test data available: Yes (contact manufacturer). U.S. Government testing results available by password.
POC: Mason Ellsey (610) 399-9477 and fax (610) 399-6828
E-Mail: mellsey@juno.com

Inovata Security Solutions, Inc.

Location: Schaumburg , IL
Markets: Through domestic and overseas dealership network
Notes: One-source window security company and global licensee of Glass Sentinal products. Inovata can meet custom needs for ballistic and blast protection, partnering with Masonry Arts and Simula Technologies, Inc.
Product: Blast-mitigation window system offering custom framing for blast protection.
Product name: null
Web site: <http://www.inovatasecuritysolutions.com>
Test data available: Yes (contact manufacturer)
POC: Thomas R. Hampson (847) 885-1950 and fax (847) 885-1983
E-Mail: null

Kawneer, Inc.

Location: Norcross , GA

Markets: Direct and through contractors and installers

Notes: null

Product: Door and window systems

Product name: null

Web site: <http://www.kawneer.com>

Test data available: Yes (contact manufacturer). U.S. Government testing results available by password.

test_53

test_54

test_55

POC: Eddie Bugg (770) 248-2778 and fax (770) 734-1560

E-Mail: null

Klil Industries Ltd

Location: Kiriat Motzicin , Israel

Markets: Direct

Notes: Will provide a finished window ready for installation.

Product: Blast-resistant window system; aluminum profiles and accessories

Product name: Antiscud window

Web site: <http://www.Klil.co.il>

Test data available: Yes (contact manufacturer)

POC: Arnie Richtmor 972-4-8789191 and fax 972-4-8757799

E-Mail: null

Laminated Glass Corporation

Location: Telford , PA

Markets: Distributors and contractors

Notes: Superguard is a glass-clad polycarbonate. On Guard is all polycarbonate.

Product: Laminated glass

Product name: Superguard and On Guard

Web site: <http://www.laminatedglass.com>

Test data available: null

POC: Bernie Thomas (215) 721-0400 and fax (215) 721-0402

E-Mail: null

MTD Industries, Ltd.

Location: Beer-Sheva , Israel

Markets: Marketed by Megaseal

Notes: null

Product: Blast-Resistant Windows

Product name: null

Web site: null

Test data available: Yes, tests conducted by Israeli Army (contact manufacturer)

POC: Michael Ziv (301) 529-7375 and fax (305) 652-1917

E-Mail: null

Norshield Security Products

Location: Montgomery , AL

Markets: Direct

Notes: Product literature claims that Norshield is world's largest manufacturer of certified bullet-, blast- and attack-resistant products.

Product: Blast-resistant door and window systems

Product name: Norshield

Web site: <http://www.norshieldsecurity.com>

Test data available: Yes (contact manufacturer). U.S. Government testing results available by password.

test_58

test_59

test_60

POC: Barry White (334) 281-8440 and fax (334) 288-5485

E-Mail: null

Overly Manufacturing Company

Location: Greensburg , PA

Markets: Direct and by distributors

Notes: null

Product: Blast-resistant door and window systems

Product name: null

Web site: <http://www.overly.com>

Test data available: Yes (contact manufacturer)

POC: Tim Blackburn (724) 834-7300 and fax (724) 830-2872

E-Mail: null

Pinnacle Armor

Location: Fresno , CA

Markets: Through distributors

Notes: Products and services for ballistic, explosive blast, and forced entry threats.

Product: Window framing systems and doors

Product name: Secura Glaze

Web site: <http://www.pinnaclearmor.com>

Test data available: Laboratory lateral loading; no tests for blast effects (contact manufacturer). U.S.

Government testing conducted in FY00.

POC: Murry Neal (559) 292-3185 and fax (559) 292-3187

E-Mail: null

Romag Security Laminators, Ltd.

Location: Leadgate , UK

Markets: Direct

Notes: null

Product: Laminated glass

Product name: SPALLBAN

Web site: <http://www.romag.co.uk>

Test data available: Yes (contact manufacturer)

POC: Kevin Webster (44) 0 1207 500 000 and fax (44) 0 1207 591 979

E-Mail: null

Ross Technology Corporation

Location: Leola , PA

Markets: Direct

Notes: Ross is a custom steel fabricator specializing in the manufacture of blast, forced entry, and ballistic resistant doors, curtain walls, fixed and operable windows, louvers, and roof hatches. Ross has been in business for 43 years and is ISO 9001 Certified. Ross has provided HIGH BAND blast mitigation products to the Department of State and other US Government entities and contractors for over 13 years. Ross contracts with outside blast consultants to provide custom blast certified products meeting specific customer requirements ranging from non-rated to 143 pse (986 kPa) pressure which nearly decays to zero pressure in <7 milliseconds. Ross also produces structural steel projects in thir high volume, automated manufacturing facility that uses laser and robotic welding, automatic jiggig, and automated handling equipment. This unique facility could be used to produce large numbers of 'standardized' retrofit blast mitigation products for very large time sensitive projects. Ross's DMSA CAGE Code # is: 9H837.

Product: Blast-resistant doors and windows

Product name: null

Web site: <http://www.rosstechnology.com>

Test data available: Yes (contact manufacturer). U.S. Government testing scheduled for FY00.

POC: Michael Davis (717) 656-5670 and fax (717) 656-3281

E-Mail: null

SISCO

Location: Palm Beach , FL

Markets: Direct

Notes: null

Product: Blast-resistant window system

Product name: SAF-GLAS

Web site: <http://a-pass.com>

Test data available: Yes ballistic data available (contact manufacturer).

POC: John Yochum (561) 691-0050 and fax (561) 691-0180

E-Mail: null

Saint-Gobain Sully

Location: Trumbaursville , PA

Markets: Direct

Notes: Current product line is for ballistic protection, but company is moving into blast mitigation.

Product: Laminated glass

Product name: Noviflex

Web site: <http://www.sullyna.com>

Test data available: Test data available from the manufacturer only for ballistic tests. U.S. Government blast testing results available by password.

test_39

test_40

test_41

POC: J. Timothy Cronrath (215) 536-0333 and fax (215) 536-6872

E-Mail: null

Security First Distributors, Inc.

Location: Chicago , IL

Markets: Direct

Notes: Security First is the exclusive distributor for Paltech Products, Ft. Myers, FL. Paltech is primarily intended for new construction, but can be used for retrofit.

Product: Laminated polycarbonate glass replacement and window film

Product name: Paltech for glass and Nu Tech for window film

Web site: <http://www.securitywindow.com>

Test data available: Yes (contact manufacturer). U.S. Government testing results available by password.
test_15

POC: Brian G. Hubka (312) 616-6628 and fax (312) 616-6627

E-Mail: null

POC: Greg Cournoyvr (312) 616-6628 and fax (312) 616-6627

E-Mail: null

Sierracin/Sylmar

Location: Sylmar , CA

Markets: Direct; typically to frame manufacturers and installers

Notes: Primary focus is on physical and ballistic attack. Also have a number of blast-resistant designs which are effective at much higher loads than 10 psi. Many products are proprietary in nature.

Product: Glass-clad polycarbonate glazing

Product name: OmniArmor

Web site: <http://www.sierracin.com>

Test data available: Yes (contact manufacturer)

POC: Terry Jacobson (818) 362-6711 ext. 405 and fax (818) 367-6192

E-Mail: null

Solutia, Inc.

Location: St. Louis , MO

Markets: Marketed by at least 34 fabricators who laminate glass using the Solutia interlayer and then sell the product

Notes: Product marketed as a Monsanto product prior to September 1, 1997

Product: Plastic interlayer for laminated glass

Product name: Saflex

Web site: <http://www.solutia.com>

Test data available: Yes (contact manufacturer).

POC: Marti McAlister (314) 674-3550 and fax (314) 674-3439

E-Mail: null

POC: Julie Schimmelpenningh (508) 867-3029 and fax (508) 867-2994

E-Mail: null

Steelite Systems

Location: Los Angeles , CA

Markets: Through distributors

Notes: Steelite Systems is a subsidiary of Los Angeles Fireproof Door Company.

Product: Blast-resistant window, door and wall systems

Product name: Steelite

Web site: <http://www.mayfieldcompany.steelite.htm>

Test data available: Yes U.S. Government testing conducted in FY00

POC: Richard Buck (213) 662-5335 and fax (213) 662-9019

E-Mail: null

POC: technical consultant: Mike Weiss (770) 451-9943 and fax (770) 452-7285

E-Mail: null

Suncoast Glass Protection, Inc.

Location: Boynton Beach , FL

Markets: Direct and through distributors

Notes: null

Product: Laminate attachment systems

Product name: WindowLock

Web site: <http://www.windowlock.com>

Test data available: Tested from static wind resistance, impact resistance from wind borne debris, and cyclic wind pressure resistance, (contact manufacturer); U.S. Government blast testing results available by password.

test_43

test_44

test_45

POC: Steve Sabac (561) 737-6177 and fax (561) 734-7323

E-Mail: null

TEMPGLASS

Location: Fremont , CA

Markets: Direct and through installers

Notes: null

Product: Glass-clad polycarbonate laminates

Product name: Armor Secure

Web site: <http://www.hgp.com>

Test data available: Yes, but only for forced entry and ballistic tests.

POC: Brian Frea (510) 651-2292 and fax (510) 651-3076

E-Mail: null

United States Bullet Proofing Co.

Location: Hyattsville/Odenton , MD

Markets: Direct

Notes: USBP manufactures a complete line of D.O.S. certified forced entry resistant doors and windows. Also manufactures a complete line of bullet and blast-resistant products. Doors are constructed of either aluminum, steel, or wood. Windows are fixed, projected and/or casement, available in many configurations. Transaction trays, counters, wall armor, louvers, and bars are also available.

Product: Bullet- and blast-resistant door systems

Product name: USBP

Web site: <http://www.USBulletProofing.com>

Test data available: Yes (contact manufacturer)

POC: Ken Sampson (800) 363-8328 and fax (301) 454-0199

E-Mail: null

VIRACON

Location: Owatonna , MN

Markets: Through glazing contractors

Notes: null

Product: Glass-clad polycarbonate and laminated polycarbonate

Product name: GuardVue and ViraGuard

Web site: <http://www.viracon.com>

Test data available: Yes (contact manufacturer). U.S. Government testing results available by password.

test_34

test_35

test_56

POC: Christine Shaffer (800) 533-2080 ext. 3490 and fax (507) 444-3555

E-Mail: null

POC: Chuck De Viries (800) 533-2080 ext. 3236 and fax (507) 444-3555

E-Mail: null

POC: Dan Wacek (800) 533-2080 ext. 3284 and fax (507) 444-3555

E-Mail: null

Visionwall Technologies, Inc.

Location: Edmonton , Alberta

Markets: Through representatives and dealers

Notes: null

Product: Blast-resistant window system

Product name: Visionwall

Web site: <http://www.visionwall.com>

Test data available: . U.S. Government testing conducted in FY00

POC: Alan Winfield (780) 451-4000 and fax (780) 451-4745

E-Mail: null

Windell Limited

Location: Londonderry , Northern Ireland

Markets: Direct

Notes: null

Product: Window and door systems

Product name: null

Web site: null

Test data available: Yes (contact manufacturer). U.S. Government testing results available by password.

test_36

test_37

test_38

POC: Robert Bashford (44) 1648-31631 and fax (44) 1648-33967

E-Mail: null