

ATTENTION CONTRACTORS SIGNIFICANT ELMENDORF VEHICLE ROUTE CHANGES

Motor vehicle access and routes onto Elmendorf Air Force Base will be changed temporarily to allow for major construction at the Boniface Parkway Gate.

Boniface Gate will be closed from Thursday April 15 through Monday July 12, 2004. Construction of a new entrance pattern will take place including constructing a vehicle search area and installing "serpentine" barriers for controlling access speed. Traffic will weave in an "S" pattern both entering and exiting Elmendorf. The "serpentine" barrier projects will also be placed at Government Hill, Muldoon and Post Road gates in the coming weeks.

Visitor Center to relocate to Muldoon Gate. All temporary and permanent passes, visitor passes, base vehicle registration, etc. will be handled from this relocated temporary center. This includes visitors to the US Army Engineer District.

Government Hill and Muldoon Gates will be operating 24 hours a day, 7 days a week during the Boniface closing.

Post Road Gate operating hours will NOT change, and will remain at 6 a.m. to 6 p.m., Monday through Friday. Closed weekends.

Updates, changes, etc., will be posted as received from the Elmendorf USAF Security Squadron.

Those accessing the base should consider alternate gates during peak traffic times, as well as allowing additional travel time for the delays that will result from the serpentine barriers and the closing of Boniface Parkway Gate. Single lane entry at existing gates will continue with the loss of double lane entry at Boniface. Past closings have resulted in several days of considerable traffic congestion as everyone adjusts to the changes and seeks the shortest entry line.

Access through Government Hill or Post Road gates without a base vehicle sticker and a DoD access card. TDY visitors who: a) rent a car and have the rental papers in their possession, b) have DoD ID card in their possession, and c) have travel orders in their possession can be admitted at other than the Muldoon gate. **Any others, including vendors and contractors, customers of regulatory or construction, etc. MUST go to the Muldoon gate visitor center to apply for a base pass.**

ALL OTHER INSTRUCTIONS INCLUDED IN SECTION 00100 OF SOLICITATIONS, PERTAINING TO SPECIFIC INFORMATION REQUIRED TO OBTAIN A BASE PASS, WILL REMAIN IN EFFECT

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 1

2. AMENDMENT/MODIFICATION NO.

R0003

3. EFFECTIVE DATE

04/19/04

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

J4P0000

7. ADMINISTERED BY (If other than Item 6)

CODE

DACA85

US ARMY ENGINEER DISTRICT, AK
CEPOA-CT (W911KB)
PO BOX 6898
ELMENDORF AFB, AK 99506-6898
CRYSTAL LABRECQUE 907-753-5578

US ARMY ENGINEER DISTRICT, AK
CEPOA-CO-NAO
PO BOX 35066 (BLDG 3025)
FAIRBANKS, ALASKA 99703-0066

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

(X)

9A. AMENDMENT OF SOLICITATION NO.

X

W911KB-04-R-0022

9B. DATED (SEE ITEM 11)

03/26/04

10A. MODIFICATION OF CONTRACT/ORDER NO.

10B. DATED (SEE ITEM 13)

CODE 089C4

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.

Offer 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 0 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 ACKNOWLEDGEMENT 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)

PROJECT TITLE AND LOCATION: Construct Type III Hydrant Fuel System/Expand/Repair Aircraft Ramp, Eielson AFB, Alaska

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

(X) 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.)

PROPOSAL DUE DATE IS 27 APR 04, 2:00 PM, local time, at the US Army Corps of Engineers-Alaska District, 2204 Third St, Elmendorf AFB, Alaska

NOTICE TO OFFERORS: PLEASE MARK OUTSIDE OF ENVELOPE IN WHICH BID IS SUBMITTED TO SHOW AMENDMENTS RECEIVED. YOU ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS AMENDMENT ON THE REVERSE SIDE OF STANDARD FORM 1442.

IMPORTANT NOTE: Keep in mind that the base is still under tight security measures and access to non-DOD personnel is limited or restricted and requires extra time to process through the Boniface Gate.

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 SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

AMENDMENT TO SOLICITATION

CONTINUATION SHEET

Amendment No. R0003

Page: 2

a. The following drawings are substituted for the superseded drawings. The identifier "AM #3" appears before and after revised drawings as listed in SCR-5.

SCHEDULE A DRAWINGS

NONE

SCHEDULE B DRAWINGS

SHEET 16 C2.01 PUMP HOUSE SITE PLAN

b. The following revised documents are substituted for the superseded documents. The identifier "AM #3" appears before and after new and revised material, except as noted below.

NONE

NOTE: Revisions within the following documents do not contain the above referenced identifiers.

PROJECT TABLE OF CONTENTS
SPECIAL CONTRACT REQUIREMENTS INDEX
SUBMITTAL REGISTERS
"REFERENCES" PARAGRAPH WITHIN TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS:

NONE

c. The following section (including submittal register) is deleted.

NONE

d. The following section (including submittal register) is added.

NONE

e. NOTICE TO OFFERORS: PLEASE MARK OUTSIDE OF ENVELOPE IN WHICH OFFER IS SUBMITTED TO SHOW AMENDMENTS RECEIVED. YOU ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS AMENDMENT ON THE REVERSE SIDE OF STANDARD FORM 1442.

SECTION 00800

SPECIAL CONTRACT REQUIREMENTS

SCR-1 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK:

The Contractor will be required to (a) commence work under this contract within 10 calendar days after the date the Contractor receives the Notice to Proceed (NTP), (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than 670 calendar days after the date the Contractor receiving Notice to Proceed. This time stated for completion shall include final cleanup of the premises.

SCR-2 THRU SCR-4 NOT USED

SCR-5 CONTRACT DRAWINGS AND SPECIFICATIONS (Aug 2000) (DFARS 252.236-7001):

(a) The Government will provide the Contractor, without charge, one set of contract drawings and specifications, except publications incorporated into the technical provisions by reference, in electronic or paper media as chosen by the Contracting Officer.

(b) The Contractor shall --

(1) Check all the drawings furnished immediately upon receipt;

(2) Compare all drawings and verify the figures before laying out the work;

(3) Promptly notify the Contracting Officer of any discrepancies;

(4) Be responsible for any errors that might have been avoided by complying with this paragraph (b); and

(5) Reproduce and print contract drawings and specifications as needed.

(c) In general -

(1) Large-scale drawings shall govern small-scale drawings; and

(2) The Contractor shall follow figures marked on drawings in preference to scale measurements.

(d) Omissions from the drawings or specifications or the mis-description of details of work that are manifestly necessary to carry out the intent of the drawings and specifications, or that are customarily performed, shall not relieve the Contractor from performing such omitted or mis-described details of the work. The Contractor shall perform such details as if fully and correctly set forth and described in the drawings and specifications.

(e) Some of the Drawings are carryover from a previous solicitation, and if un-changed from that solicitation will bear the INV.NO.DACA 85-03-R-0032. Drawings that have been modified from the previous solicitation will bear the INV.NO.W911KB-04-R-0022.

(f) The work shall conform to the specifications and the contract drawings identified on the following index of drawings:

SCHEDULE "B" DRAWINGS FOR EIE164

Drawing No.	Sheet No.	Title	Rev. No.	Date
		<u>GENERAL</u>		
NONE	NONE	COVER	NONE	NONE
AF 121-122-01	NONE	INDEX	"	"
AF 16-06-4300	1	LOCATION PLAN	"	"
AF 121-122-01	2	LEGEND	"	"
"	3	ELECTRICAL LEGEND SYMBOLS	"	"
"	4	SUPPLEMENT ELECTRICAL LEGEND	"	"
"	5	ABBREVIATIONS	"	"
		<u>SITWORK</u>		
"	6	DEMOLITION KEY PLAN	"	"
"	7	BLDG # 1305 AND LOX BLDG DEMOLITION PLAN	"	"
"	8	BLDG # 1315 DEMOLITION PLAN	"	"
"	9	BLDG # 1321 DEMOLITION PLAN	"	"
"	10	E9 HYDRANT FUELS PITS DEMOLITION PLAN AND DETAILS	"	"
"	11	MISC. DEMOLITION DETAILS 1	"	"
"	12	MISC. DEMOLITON DETAILS 2	"	"
"	13	PUMPHOUSE SALVAGE ITEMS 1	"	"
"	14	PUMPHOUSE SALVAGE ITEMS 2	"	"
"	15	CIVIL NOTES LEGEND & ABBREVIATIONS	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
AM#3...				
<u>AF 121-122-01</u>	<u>16</u>	<u>PUMPHOUSE SITE PLAN</u>	<u>NONE</u>	<u>NONE</u>
"	17	PUMPHOUSE GRADING PLAN	"	"
"	18	SITE SECTIONS 1	"	"
"	19	FUELIDOR SECTIONS AND DETAILS 1	"	"
"	20	FUELIDOR SECTIONS AND DETAILS 2	"	"
"	21	SITE DETAILS 1	"	"
"	22	SITE DETAILS 2	"	"
"	23	LINER DETAILS	"	"
"	24	STAIR DETAILS	"	"
"	25	UTILIDOR PLAN & PROFILE 1	"	"
"	26	UTILIDOR PLAN & PROFILE 2	"	"
"	27	UTILIDOR PLAN & PROFILE 3	"	"
"	28	MANHOLE PLANS AND SECTIONS 1	"	"
"	29	MANHOLE PLANS AND SECTIONS 2	"	"
"	30	MANHOLE PLANS AND SECTIONS 3	"	"
"	31	PIPING DETAILS 1	"	"
"	32	PIPING DETAILS 2	"	"
"	33	UTILIDOR STRUCTURAL DETAILS 1	"	"
"	34	UTILIDOR STRUCTURAL DETAILS 2	"	"
"	35	MANHOLE DETAILS 1	"	"
"	36	MANHOLE DETAILS 2	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
AF 121-122-01	37	FUEL PIPE SITE PLAN AREA 2	NONE	NONE
"	38	FUEL PIPE SITE PLAN AREA 3	"	"
"	39	FUEL PIPE SITE PLAN AREA 4	"	"
"	40	FUEL PIPE SITE PLAN AREA 5	"	"
"	41	FUEL PIPE SITE PLAN AREA 6	"	"
"	42	FUEL PIPE SITE PLAN AREA 7	"	"
"	43	PROFILE SHEET	"	"
"	44	PROFILE SHEET	"	"
"	45	APRON PROFILE SHEET	"	"
"	46	APRON PROFILE SHEET	"	"
"	47	APRON PROFILE SHEET	"	"
"	48	PROFILE SHEET	"	"
"	49	FUEL PIT DETAILS	"	"
"	50	TRUCK FILL STAND DETAILS	"	"
"	51	PANTOGRAPH FLUSH STATION	"	"
"	52	FUEL SYSTEM DETAILS	"	"
"	53	PANTOGRAPH DETAILS	"	"
"	54	PANTOGRAPH HIGH REACH. UNDERWING UNIT	"	"
"	55	PIPELINE PIG TRAP PLANS SECTIONS AND DETAILS	"	"
"	56	FUEL PIPE SITE PLAN ENLARGED AREA 2	"	"
"	57	ELECTRICAL SITE PLAN AREA 1	"	"
"	58	ELECTRICAL SITE PLAN AREA 2	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
AF 121-122-01	59	ELECTRICAL SITE PLAN AREA 3	NONE	NONE
"	60	ELECTRICAL SITE PLAN AREA 4	"	"
"	61	ELECTRICAL SITE PLAN AREA 5	"	"
"	62	ELECTRICAL SITE PLAN AREA 6	"	"
"	63	ELECTRICAL SITE PLAN AREA 7	"	"
"	64	ELECTRICAL SITE PLAN AREA 8	"	"
"	65	ELECTRICAL SITE PLAN AREA 9	"	"
"	66	CATHODIC PROTECTION DETAILS	"	"
"	67	CATHODIC PROTECTION DETAILS	"	"
"	68	CATHODIC PROTECTION DETAILS	"	"
"	69	MISCELLANEOUS DETAILS	"	"
"	70	TANK DETAILS	"	"
"	71	GROUNDING DETAILS	"	"
"	72	ELECTRICAL MISC. DETAILS	"	"
"	73	UTILIDOR ELECTRICAL DETAILS	"	"
		<u>ARCHITECTURAL</u>		
"	74	COMPOSITE FLOOR PLAN	"	"
"	75	FLOOR PLAN AREA - A	"	"
"	76	FLOOR PLAN AREA - B	"	"
"	77	MEZZANINE PLAN AND DETAILS	"	"
"	78	REFLECTED CEILING PLAN AND DETAILS	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
AF 121-122-01	79	ROOF PLAN	NONE	NONE
"	80	ROOF DETAILS	"	"
"	81	ROOF EDGE DETAILS	"	"
"	82	BUILDING ELEVATIONS	"	"
"	83	WALL SECTIONS	"	"
"	84	WALL SECTIONS AND DETAILS	"	"
"	85	WALL SECTIONS	"	"
"	86	WALL SECTIONS	"	"
"	87	ROOM AND DOOR SCHEDULES	"	"
"	88	DOOR DETAILS	"	"
"	89	DOOR DETAILS	"	"
"	90	MISCELLANEOUS DETAILS	"	"
"	91	DOOR AND WINDOW DETAILS	"	"
"	92	TYPICAL SEALANT DETAILS	"	"
		<u>STRUCTURAL</u>		
"	93	DECISION & GENERAL NOTES	"	"
"	94	TYPICAL CONCRETE DETAILS	"	"
"	95	FOUNDATION PLAN	"	"
"	96	PIPE SUPPORT PLAN & SCHEDULE	"	"
"	97	FOUNDATION DETAILS	"	"
"	98	FOUNDATION DETAILS	"	"
"	99	PIPE SUPPORT SECTIONS AND DETAILS	"	"
"	100	PIPE SUPPORT SECTIONS AND DETAILS	"	"
"	101	MEZZANINE PLAN & DETAILS	"	"
"	102	BRIDGE CRANE GIRDER PLAN & DETAILS	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
AF 121-122-01	103	CMU DETAILS	NONE	NONE
"	104	STEAM ENTRANCE VAULT	"	"
"	105	FUEL PIT PLAN & DETAILS	"	"
"	106	PRODUCT RECOVERY TANK VAULT DETAILS	"	"
"	107	PIPE SUPPORT DETAILS	"	"
		<u>10,000 BBL FUEL TANK</u>		
"	108	10,000 BBL FUEL STORAGE TANK PLAN AND PAN LAYOUT	"	"
"	109	10,000 BBL FUEL STORAGE TANK ROOF PLAN & DETAILS	"	"
"	110	10,000 BBL FUEL STORAGE TANK DETAILS	"	"
"	111	10,000 BBL FUEL STORAGE TANK TANK FOUNDATION	"	"
"	112	10,000 BBL FUEL STORAGE TANK TANK STAIRS	"	"
"	113	10,000 BBL FUEL STORAGE TANK APPURTENANCES & FITTINGS	"	"
"	114	10,000 BBL FUEL STORAGE TANK APPURTENANCES & FITTINGS	"	"
	115	10,000 BBL FUEL STORAGE TANK APPURTENANCES & FITTINGS	"	"
"	116	10,000 BBL FUEL STORAGE TANK FLOATING PAN DETAILS	"	"
"	117	10,000 BBL FUEL STORAGE TANK WATER DRAW-OFF & MISCELLANEOUS DETAILS	"	"
		<u>MECHANICAL</u>		
"	118	PIPING PLAN	"	"
"	119	MECHANICAL PLAN	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
AF 121-122-01	120	FLOW DIAGRAM	NONE	NONE
"	121	ISOMETRIC DIAGRAM	"	"
"	122	SECTIONS	"	"
"	123	SECTIONS	"	"
"	124	SEQUENCE OF OPERATIONS	"	"
"	125	DETAILS	"	"
"	126	PRODUCT RECOVERY TANK DETAILS	"	"
"	127	DETAILS	"	"
"	128	ENLARGED MECHANICAL ROOM AND TOILET ROOM PLAN	"	"
"	129	STEAM SYSTEM DETAILS	"	"
"	130	MECHANICAL SCHEDULES	"	"
"	131	INSTALLATION SIMPLEX GRINDER PUMP RAIL SYSTEM IN FIBERGLASS SUMP	"	"
"	132	HVAC CONTROLS LEGEND SHEET	"	"
"	133	AHU-1 HVAC CONTROLS	"	"
"	134	PUMP & PANTOGRAPH RM HVAC CONTROLS	"	"
"	135	GLYCOL HOT WATER SYSTEM HVAC CONTROLS	"	"
"	136	MISC HVAC CONTROLS	"	"
		<u>ELECTRICAL</u>		
"	137	LIGHTING PLAN	"	"
"	138	LIGHTING FIXTURE DETAILS	"	"
"	139	POWER PLAN	"	"
"	140	MEZZANNE POWER & LIGHTING PLANS	"	"
"	141	FIRE ALARM PLAN	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
AF 121-122-01	142	FIRE ALARM DETAILS	NONE	NONE
"	143	GROUNDING & LIGHTNING PROTECTION PLAN	"	"
"	144	ONE-LINE DIAGRAM	"	"
"	145	WIRING DIAGRAMS	"	"
"	146	SCHEDULE SHEET	"	"
"	147	ELECTRICAL DETAILS	"	"
"	148	EPDS CONTROL AT FCC	"	"
"	149	PUMP CONTROL PANEL ELEVATION	"	"
"	150	GRAPHIC DISPLAY	"	"
"	151	CONTROL SYSTEM DIAGRAMS	"	"
"	152	CONTROL SYSTEM I/O SHEET 1	"	"
"	153	CONTROL SYSTEM I/O SHEET 2	"	"
"	154	CONTROL SYSTEM I/O SHEET 3	"	"
"	155	TERMINAL BLOCK CONNECTIONS (FOR FIELD DEVICES)	"	"
		<u>FILLSTAND CANOPY</u>		
"	156	FLOOR PLAN, ROOF PLAN, AND DETAILS	"	"
"	157	BUILDING ELEVATIONS AND WALL SECTION	"	"
"	158	LIGHTING & LIGHTNING PROTECTION PLANS OPTION	"	"
"	159	DESIGN AND GENERAL NOTES	"	"
"	160	FOUNDATION & ROOF FRAMING PLANS	"	"
"	161	FOUNDATION DETAILS	"	"
"	162	STEEL DETAILS OPTION	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
		<u>PIG TRAP FACILITY</u>		
AF 121-122-01	163	FLOOR PLAN, ELEVATIONS, AND SECTIONS OPTION	NONE	NONE
"	164	LIGHTING & LIGHTING PROTECTION PLANS OPTION	"	"
"	165	FOUNDATION PLAN & DETAILS OPTION	"	"

SCHEDULE "A" DRAWINGS FOR EIE174

Drawing No.	Sheet No.	Title	Rev. No.	Date
		<u>GENERAL</u>		
NONE	NONE	INDEX SHEET	NONE	NONE
AF 16-06-4295	1	LOCATION AND VICINITY MAP	"	"
		<u>DEMOLITON</u>		
AF 113-321-01	1	DEMOLITION KEY PLAN	"	"
"	2	DEMOLITION PLAN	"	"
"	3	DEMOLITION PLAN	"	"
"	4	DEMOLITION PLAN	"	"
"	5	DEMOLITION PLAN	"	"
		<u>CIVIL</u>		
"	6	CONTRACTOR STAGING AND CONSTRUCTION PHASING PLAN	"	"
"	7	OVERALL SITE AND SHEET KEY PLAN	"	"
"	8	CROSS SECTIONS & DETAILS	"	"
"	9	SITE PLAN AREAS A AND B	"	"
"	10	SITE PLAN AIRCRAFT RAMP	"	"
"	11	SITE PLAN AIRCRAFT RAMP	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
AF 113-321-01	12	SITE PLAN RAMP AND AREAS C AND D	NONE	NONE
"	13	PLAN AND PROFILE TAXIWAY H	"	"
"	14	PLAN AND PROFILE TAXIWAY J	"	"
"	15	PLAN AND PROFILE TAXIWAY H	"	"
"	16	PLAN AND PROFILE TAXIWAY J	"	"
"	17	BORING LOCATION & GEOTEXTILE LOCATION PLAN - NOT USED	"	"
"	18	BORING LOCATION & GEOTEXTILE LOCATION PLAN	"	"
"	19	BORING LOCATION & GEOTEXTILE LOCATION PLAN	"	"
"	20	BORING LOCATION PLAN	"	"
"	21	BORING LOCATION PLAN	"	"
"	22	BORING LOCATION & GEOTEXTILE LOCATION PLAN	"	"
"	23	BORING LOCATION & GEOTEXTILE LOCATION PLAN	"	"
"	24	PLAN VIEW AIRFIELD PAVEMENTS - NOT USED	"	"
"	25	PLAN VIEW AIRFIELD PAVEMENTS & PCC JOINT LAYOUT	"	"
"	26	PLAN VIEW AIRFIELD PAVEMENTS & PCC JOINT LAYOUT	"	"
"	27	PLAN VIEW AIRFIELD PAVEMENTS & PCC JOINT LAYOUT	"	"
"	28	PLAN VIEW AIRFIELD PAVEMENTS & PCC JOINT LAYOUT	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
AF 113-321-01	29	AIRFIELD PAVEMENT SECTIONS	NONE	NONE
"	30	AIRFIELD PAVEMENT SECTIONS & DETAILS	"	"
"	31	AIRFIELD PAVEMENT SECTIONS	"	"
"	32	AIRFIELD PAVEMENT SECTIONS - NOT USED	"	"
"	33	AIRFIELD PAVEMENT SECTIONS & DETAILS	"	"
"	34	AIRFIELD PAVEMENT PIT SECTIONS & DETAILS	"	"
"	35	BORING LOGS	"	"
"	36	BORING LOGS	"	"
"	37	BORING LOGS	"	"
"	38	BORING LOGS	"	"
"	39	BORING LOGS	"	"
"	40	BORING LOGS	"	"
"	41	BORING LOGS	"	"
"	42	BORING LOGS	"	"
"	43	BORING LOGS	"	"
"	44	BORING LOGS	"	"
"	45	BORING LOGS	"	"
"	46	BORING LOGS	"	"
"	47	BORING LOGS	"	"
"	48	BORING LOGS	"	"
"	49	BORING LOGS	"	"
"	50	AIRCRAFT RAMP MARKING PLAN	"	"
		<u>ELECTRICAL</u>		
"	51	ELECTRICAL LEGEND	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
AF 113-321-01	52	ELECTRICAL KEY PLAN DEMOLITION WORK	NONE	NONE
"	53	ELECTRICAL SITE PLAN DEMOLITION WORK	"	"
"	54	ELECTRICAL SITE PLAN DEMOLITION WORK	"	"
"	55	ELECTRICAL SITE PLAN DEMOLITION WORK	"	"
"	56	ELECTRICAL SITE PLAN DEMOLITION WORK	"	"
"	57	ELECTRICAL SITE PLAN DEMOLITION WORK	"	"
"	58	ELECTRICAL KEY PLAN NEW WORK	"	"
"	59	ELECTRICAL SITE PLAN NEW WORK	"	"
"	60	ELECTRICAL SITE PLAN NEW WORK	"	"
"	61	ELECTRICAL SITE PLAN NEW WORK	"	"
"	62	ELECTRICAL SITE PLAN NEW WORK	"	"
"	63	ELECTRICAL SITE PLAN NEW WORK	"	"
"	64	SITE LIGHTING DIAGRAM & ONE-LINE DIAGRAM	"	"
"	65	PRIMARY POWER ONE-LINE DEMOLITION WORK	"	"
"	66	PRIMARY POWER ONE-LINE NEW WORK	"	"
"	67	POWER POLE & TRENCH DETAILS	"	"
"	68	ELECTRICAL DETAILS	"	"
"	69	HIGH MAST LIGHTING DETAILS	"	"
"	70	TAXIWAY GUIDANCE SIGN	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
		DETAILS		
		<u>FIRE PROTECTION</u>		
AF 113-321-01	71	FIRE PROTECTION KEY MAP	NONE	NONE
"	72	FIRE PROTECTION WATER PLAN AND PROFILE 1 OF 5	"	"
"	73	FIRE PROTECTION WATER PLAN AND PROFILE 2 OF 5	"	"
"	74	FIRE PROTECTION WATER PLAN AND PROFILE 3 OF 5	"	"
"	75	FIRE PROTECTION WATER PLAN AND PROFILE 4 OF 5	"	"
"	76	FIRE PROTECTION WATER PLAN AND PROFILE 5 OF 5	"	"
"	77	FIRE PROTECTION MANHOLE 19C PLAN & SECTIONS	"	"
"	78	FIRE PROTECTION MANHOLE 19C DETAILS	"	"

SCR-6 BRAND NAME OR EQUAL NOT USED

SCR-7 CERTIFICATES OF COMPLIANCE:

Any certificates required for demonstrating proof of compliance of materials with specification requirements shall be executed in 3 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.

SCR-8 SUBMITTALS (ER 415-1-10, 30 May 1995):

Within 30 days after receipt of Notice to Proceed, the Contractor shall complete and submit to the Contracting Officer, in triplicate, submittal register ENG Form 4288 listing all submittals and dates. In addition to those items listed on ENG Form 4288, the Contractor shall furnish submittals for any deviation from the plans or specifications. The scheduled need dates must be recorded on the document for each item for control purposes. In preparing the document, adequate time (minimum of 30 days) shall be allowed for review and, only when stipulated, approval and possible re-submittal.

Scheduling shall be coordinated with the approved progress schedule. The Contractor's Quality Control representative shall review the listing at least every 30 days and take appropriate action to maintain an effective system. Copies of updated or corrected listing shall be submitted to the Contracting Officer at least every 60 days in the quantity specified. Payment will not be made for any material or equipment which does not comply with contract requirements.

Section 01330 includes an ENG Form 4288 listing technical items the Contractor shall submit to the Contracting Officer, as indicated in the contract requirements.

SCR-9 NOT USED

SCR-10 EIELSON AFB PHYSICAL DATA (APR 1984): Data and information furnished or referred to below are furnished for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

a. The indications of physical conditions on the drawings and in the specifications are the result of site investigation.

b. Location: Eielson AFB is located on the Richardson Highway approximately 26 miles southeast of Fairbanks, Alaska.

c. Transportation:

(1) Water: Commercial docking facilities are available at Anchorage, Alaska.

(2) Highway: Eielson AFB is connected to the State of Alaska Highway System.

(3) Railroad: The Alaska Railroad offers freight service from the 48 contiguous states and Canada via rail barge and train ship through Whittier, and from Seward, to Anchorage and Fairbanks. In addition to the freight service, scheduled passenger service and express service between Anchorage and Fairbanks, and passenger service between Anchorage and Whittier are also available. Fairbanks (including Eielson AFB and Ft. Wainwright) is the northern terminus, and Seward and Whittier are the southern terminals of the Alaska Railroad.

d. Communications: Telephone communications and services are under the jurisdiction of the Communications Officer. The Contractor shall make all arrangements for required communication service directly with the Communications Office. The Government does not guarantee the adequacy or efficiency of the service or the number of telephones that can be assigned to the Contractor.

e. Weather Data: A Climatological Summary for Eielson AFB is attached to the end of this section.

SCR-11 NOT USED

SCR-12 IDENTIFICATION OF EMPLOYEES AND MILITARY REGULATIONS:

(a) The Contractor shall be responsible for compliance with all regulations and orders of the Commanding Officer of the Military Installation, respecting identification of employees, movements on

installation, parking, truck entry, and all other military regulations which may affect the work.

(b) The work under this contract is to be performed at an operating Military Installation with consequent restrictions on entry and movement of non-military personnel and equipment.

SCR-13 AND SCR-14 NOT USED

SCR-15 AIRFIELD SAFETY PRECAUTIONS (DEC 1991) (DFARS 252.236-7005):

(a) Definitions.

As used in this clause--

(1) "Landing Areas" means--

(i) The primary surfaces, comprising the surface of the runway, runway shoulders, and lateral safety zones. The length of each primary surface is the same as the runway length. The width of each primary surface is 2,000 feet (1,000 feet on each side of the runway centerline);

(ii) The "clear zone" beyond the ends of each runway, i.e., the extension of the primary surface for a distance of 3,000 feet beyond each end of each runway, and 3,000 feet wide;

(iii) All taxiways, plus the lateral clearance zones along each side for the length of the taxiways (is laterally 200 feet from the far or opposite edge of the taxiway for a total of 400 feet); and

(iv) All aircraft parking aprons, plus the area 125 feet in width extending beyond each edge all around the aprons.

(2) "Safety precaution areas" means those portions of approach-departure clearance zones and transitional zones where placement of objects incident to contract performance might result in vertical projections at or above the approach-departure clearance, or the transitional surface.

(i) The "approach-departure clearance surface" is an extension of the primary surface and the clear zone at each end of each runway, for a distance of 50,000 feet, first along an inclined (glide angle) and then along a horizontal plane, both flaring symmetrically about the runway centerline extended.

(A) The inclined plane (glide angle) begins in the clear zone 200 feet past the end of the runway (and primary surface) at the same elevation as the end of the runway. It continues upward at a slope of 50:1 (1 foot vertically for each 50 feet horizontally) to an elevation of 500 feet above the established airfield elevation. At that point the plane becomes horizontal, continuing at that same uniform elevation to a point 50,000 feet longitudinally from the beginning of the inclined plane (glide angle) and ending there.

(B) The width of the surface at the beginning of the inclined plane (glide angle) is the same as the width of the primary surface. It then flares uniformly, reaching the maximum width of 16,000 feet at the end.

(ii) The "approach-departure clearance zone" is the ground area under the approach-departure clearance surface.

(iii) The "transitional surface" is a sideways extension of all primary surfaces, clear zones, and approach-departure clearance surfaces along the inclined planes.

(A) The inclined plane in each case begins at the edge of the surface.

(B) The slope of the inclined plane is 7:1 (1 foot vertically for each 7 feet horizontally). It continues to the point of intersection with the--

(1) Inner horizontal surface (which is the horizontal plane 150 feet above the established airfield elevation); or

(2) Outer horizontal surface (which is the horizontal plane 500 feet above the established airfield elevation), whichever is applicable.

(iv) The "transitional zone" is the ground area under the transitional surface. (It adjoins the primary surface, clear zone and approach-departure clearance zone.)

(b) General.

(1) The Contractor shall comply with the requirements of this clause while--

(i) Operating all ground equipment (mobile or stationary);

(ii) Placing all materials; and

(iii) Performing all work, upon and around all airfields.

(2) The requirements of this clause are in addition to any other safety requirements of this contract.

(c) The Contractor shall--

(1) Report to the Contracting Officer before initiating any work;

(2) Notify the Contracting Officer of proposed changes to locations and operations;

(3) Not permit either its equipment or personnel to use any runway for purposes other than aircraft operation without permission of the Contracting Officer, unless the runway is--

(i) Closed by order of the Contracting Officer; and

(ii) Marked as provided in paragraph (d)(2) of this clause;

(4) Keep all paved surfaces, such as runways, taxiways, and hardstands, clean at all times and, specifically, free from small stones which might damage aircraft propellers or jet aircraft;

(5) Operate mobile equipment according to the safety provisions of this clause, while actually performing work on the airfield. At all other times, the Contractor shall remove all mobile equipment to locations--

(i) Approved by the Contracting Officer;

(ii) At a distance of at least 1,000 feet from the runway centerline, plus any additional distance; and

(iii) Necessary to ensure compliance with the other provisions of this clause; and

(6) Not open a trench unless material is on hand and ready for placing in the trench. As soon as practicable after material has been placed and work approved, the Contractor shall backfill and compact trenches as required by the contract. Meanwhile, all hazardous conditions shall be marked and lighted in accordance with the other provisions of this clause.

(d) Landing areas.

The Contractor shall--

(1) Place nothing upon the landing areas without the authorization of the Contracting Officer;

(2) Outline those landing areas hazardous to aircraft, using (unless otherwise authorized by the Contracting Officer) red flags by day, and electric, battery-operated low-intensity red flasher lights by night;

(3) Obtain, at an airfield where flying is controlled, additional permission from the control tower operator each time before entering any landing area, unless the landing area is marked as hazardous in accordance with paragraph (d)(2) of this clause;

(4) Identify all vehicles it operates in landing areas by means of flag on a staff attached to, and flying above, the vehicle. The flag shall be 3 feet square, and consist of a checkered pattern of international orange and white squares of 1 foot on each side (except that the flag may vary up to ten percent from each of these dimensions);

(5) Mark all other equipment and materials in the landing areas, using the same marking devices as in paragraph (d)(2) of this clause; and

(6) Perform work so as to leave that portion of the landing area which is available to aircraft free from hazards, holes, piles of material, and projecting shoulders that might damage an aircraft tire.

(e) Safety precaution areas.

The Contractor shall--

(1) Place nothing upon the safety precaution areas without authorization of the Contracting Officer;

(2) Mark all equipment and materials in safety precaution areas, using (unless otherwise authorized by the Contracting Officer) red flags by day, and electric, battery-operated, low-intensity red flasher lights by night; and

(3) Provide all objects placed in safety precaution areas with a red light or red lantern at night, if the objects project above the approach-departure clearance surface or above the transitional surface.

SCR-16 AND SCR-17 NOT USED

SCR-18 AGGREGATE SOURCES:

(a) Asphalt, base course, and select fill aggregates can be produced from the approved sources listed below:

- (1) Sources of fine aggregate. Mullins Pit
- (2) Sources of course aggregate. Mullins Pit

(b) Asphalt, base course, and select fill aggregates may be furnished from any of the above listed sources or at the option of the Contractor may be furnished from any other source designated by the Contractor and approved by the Contracting Officer, subject to the conditions hereinafter stated. The Contractor is advised that additional processing (washing, screening, and crushing) may be required in order for this material to meet requirements listed in sub-paragraph (c) below.

(c) After the award of the contract, the Contractor shall designate in writing only one source or combination of sources from which it proposes to furnish aggregates. If the Contractor proposes to furnish aggregates from a source or from sources not listed above it may designate only a single source or single combination of sources for aggregates. Samples for acceptance testing shall be provided as required by the following Technical Specifications:

- (1) SECTION 02319 EARTHWORK FOR VEHICLE TRAFFIC AREAS, STRUCTURES, SIDEWALKS, CURBS AND GUTTERS, AND AREA GRADING;
- (2) SECTION 02320 EARTHWORK FOR AIRFIELD PAVEMENTS AND AREA GRADING;
- (3) SECTION 02722 GRADED-CRUSHED AGGREGATE BASE COURSE; and
- (4) SECTION 02749 HOT-MIX ASPHALT (HMA) FOR AIRFIELDS

If a source for coarse or fine aggregate so designated by the Contractor is not approved for use by the Contracting Officer, the Contractor may not submit for approval other sources but shall furnish the coarse or fine aggregate, as the case may be, from an approved source listed above at no additional cost to the Government.

(d) Concrete aggregate for this project shall not be obtained from the Mullins Pit. The contractor shall obtain concrete aggregate that meet the requirements for SECTION 02753 CONCRETE PAVEMENT FOR AIRFIELDS AND OTHER HEAVY DUTY PAVEMENTS and SECTION 03300 CAST-IN PLACE STRUCTURAL CONCRETE from an off base location. The material source must be approved by the Contracting Officer, and the materials shall meet the requirements specified in this Technical Specification.

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

all the requirements of SECTION 02753 CONCRETE PAVEMENT FOR AIRFIELDS AND OTHER HEAVY DUTY PAVEMENTS and SECTION 03300 CAST-IN-PLACE STRUCTURAL CONCRETE of the Technical Specifications of these specifications.

SCR-19 AND SCR-24 NOT USED

SCR-25 COMMUNICATION SECURITY:

All communications with DOD organizations are subject to COMSEC review. Contractor personnel shall be aware that telecommunications networks are continually subject to intercept by unfriendly intelligence organizations. The DOD has authorized the military departments to conduct COMSEC monitoring and recording of telephone calls originating from or terminating at DOD organizations. Therefore, civilian Contractor personnel are advised that any time they place a call to or receive a call from Alaska District offices or Resident Engineer offices located on military installations, they are subject to COMSEC procedures. The Contractor will assume the responsibility for ensuring wide and frequent dissemination of the above information to all employees dealing with official DOD information.

SCR-26 THRU SCR-29 NOT USED

SCR-30 OPTIONS

a. The Government may increase the quantity of work awarded by exercising Optional Items listed on both the Proposal Schedule "A" and "B" at any time, or not at all, but no later than 90 calendar days after Contract Award date. Notice to Proceed on work added by exercise of the option will be given upon execution of consent of surety.

b. The parties hereto further agree that any options herein shall be considered as having been exercised at the time the Government deposits written notification to the Contractor in the mails.

c. Optional items awarded shall be completed within the time period for completion of the base items, as stated in SCR-1.

SCR-31 THRU SCR-35 NOT USED

SCR-36 TIME EXTENSIONS FOR UNUSUALLY SEVERE WEATHER (ER 415-1-15, 31 Oct 1989):

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 a 5-Day Work Week

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
22	20	21	0	0	1	6	1	0	10	21	22

3. Upon acknowledgement of the Notice to Proceed and continuing throughout the contract, the Contractor shall record on the daily CQC report, the occurrence of adverse weather and the resultant impact to normally scheduled work. Actual adverse weather delays days must prevent work on critical activities for 50 percent or more of the Contractor's scheduled workday. The number of actual adverse weather 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 in each month, and be recorded as full days. If the number of actual adverse weather 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 workdays, and issue a modification in accordance with the Contract Clause entitled "DEFAULT (FIXED-PRICE CONSTRUCTION)".

SCR-37 NOT USED

SCR-38 YEAR 2000 COMPLIANCE (OCT 1997) (FAR 39.106):

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

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

(2) Indicate whether each component is currently Year 2000 compliant or requires an upgrade for compliance prior to Government acceptance.

SCR-39 NOT USED

SCR-40 KEY PERSONNEL:

During the performance of this contract, no substitutions shall be made for individuals specifically identified in the Contractor's accepted proposal to perform key functions in the work, unless determined necessary by the Contracting Officer and approved in writing. Proposed substitutes shall have qualifications comparable to those of the persons being replaced.

SCR-41 THRU SCR-44 NOT USED

SCR-45 SAFETY AND HEALTH REQUIREMENTS MANUAL, EM 385-1-1, U.S. ARMY CORPS OF ENGINEERS:

CONSTRUCT TYPE III HYDRANT REFUELING SYSTEM
EXPAND/REPAIR AIRCRAFT APRON PROJECT, DACA85-03-R-0032, AMENDMENT #R0003

EIE164/174

EM 385-1-1 and its changes are available at <http://www.hq.usace.army.mil> (at the HQ homepage, select Safety and Occupational Health).

The Contractor shall be responsible for complying with the current edition and all changes posted on the web (see web address above) as of the effective date of this solicitation and shall comply with the version in effect on the contract award date. This EM 385-1-1 shall remain in effect throughout the life of the contract.

SCR-46 THRU SCR-111 NOT USED

SCR-112 NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (FEB 1999) (FAR 52.222-23): NOT USED

ATTACHMENT: CLIMATOLOGICAL SUMMARY