

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. R0002	3. EFFECTIVE DATE 08/15/03	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY US ARMY ENGINEER DISTRICT, AK CEPOA-CT (DACA85) PO BOX 6898 ANCHORAGE, AK 99506-6898 JUNE WOHLBACH (907)753-5624	CODE J4P0000	7. ADMINISTERED BY (If other than Item 6) CODE US ARMY ENGINEER DISTRICT, AK CEPOA-CO-SAO PO BOX 6898 ELMENDORF AFB, ALASKA 99506-6898		DACA85
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			(X)	9A. AMENDMENT OF SOLICITATION NO. DACA85-03-R-0002
			X	9B. DATED (SEE ITEM 11) 07/18/03
				10A. MODIFICATION OF CONTRACT/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.

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: Repair Utilidors Phase 4, 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 22 AUG 03, 2:00 pm ~~4:00 pm~~, local time, at the US Army Corps of Engineers, 2204 Third Street, Rm 29, Elmendorf AFB, Alaska.**

AutoCad drawings CD available to prime contractors upon request - contact June Wohlbach at 907-753-5624 or email [june.l.wohlbach@usace.army.mil](mailto:june.l.wohlbach@usace.army.mil)

**NOTICE TO OFFERORS: Please mark outside of envelope to show amendment received. You are required to acknowledge receipt of amendments on the reverse side of Standard Form 1442.**

**A REMINDER THAT ELMENDORF AFB IS STILL UNDER TIGHT SECURITY. BE SURE TO HAVE ALL NECESSARY PAPERWORK NEEDED TO OBTAIN A BASE PASS AND GIVE YOURSELF PLENTY OF 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  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED

AMENDMENT 0002 (08/14/03)

PROPOSAL SCHEDULE  
REPAIR UTILIDORS, PHASE IV

DACA85-03-R-0002

EIELSON AFB, ALASKA

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Amount</u>
BASE ITEMS				
0001.	Flightline Ave. (South): Design for 2,200 ft of main utilidor, 400 ft of service utilidor, 7 FH, and 12 MHs between MH 507 and 705, including new MHs and utilidor access shaft indicated. replace Bldg services 3242, 1206, 3240, and 1209. Approx. 350 ft of crack repair using chemical grouting. Comm conduit between CITS MH and utilidor MH 506-A, all complete.	1	Lump sum \$	_____
0002.	Flightline ave (South): Construct repairs of approx. 2,200 ft of main utilidor, 400 ft of service utilidor, 7 FH, and 12 MHs between MH 507 and 705, including new MHs and utilidor access shaft indicated. replace Bldg services 3242, 1206, 3240, and 1209. Approx. 350 ft of crack repair using chemical grouting. Comm conduit between CITS MH and utilidor MH 506-A, all complete.	1	Lump sum \$	_____
0003.	West of Division St. & Flightline Ave. intersection: Design for approx. 310 ft of main utilidor, 1 FH, and 1 MH between MH 507 west portal and MH 140. Approx. 45 feet of cracks for chemical grouting. Demolition of 90 ft section of service utilidor between MH 140 and and Bldg 1201, all complete.	1	Lump sum \$	_____

AMENDMENT 0002 (08/14/03)

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Amount</u>
0004.	West of Division St. & Flightline Ave. intersection: Construct repairs of approx. 310 ft of main utilidor, 1 FH, and 1 MH between MH 507 west portal and MH 140. Approx. 45 feet of cracks for chemical grouting, and demolish 90 ft section of service utilidor between MH 140 and and Bldg 1201, all complete.	1	Lump sum	\$ _____
Total of Items 0001 thru 0004				\$ _____

OPTIONAL ITEMS

0005.	Broadway Ave.: Design of approx. 700 ft of main Utilidor, 170 ft of Service utilidor, 2 FH, and 5 MHs between MH 219-1 and 204. Replace Bldg services 3343 and 3301. Approx. 105 ft of crack repair using chemical grouting. Comm conduit between CITS MHs and utilidor MHs 219-1 and 211, all complete.	1	Lump sum	\$ _____
0006.	Broadway Ave.: Construct repairs of approx. 700 ft of main Utilidor, 170 ft of Service utilidor, 2 FH, and 5 MHs between MH 219-1 and 204. Replace Bldg services 3343 and 3301. Approx. 105 ft of crack repair using chemical grouting. Comm conduit between CITS MHs and utilidor MHs 219-1 and 211, all complete.	1	Lump sum	\$ _____
0007.	Broadway Ave.: Design of approx. 735 ft of main utilidor, 1 FH and 4 MHs between MH 204 west portal and 113. Replace Bldg services 3112 (east) and 3112 (west). Approx. 105 ft of crack repair using chemical grouting, all complete.	1	Lump sum	\$ _____

AMENDMENT 0002 (08/14/03)

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Amount</u>
0008.	Broadway Ave.: Construct repairs of approx. 735 ft of main utilidor, 1 FH and 4 MHs between MH 204 west portal and 113. Replace Bldg services 3112 (east) and 3112 (west). Approx. 105 ft of crack repair using chemical grouting, all complete.	1	Lump sum	\$ _____
0009.	Flightline Ave.(N): Design of approx. 700 ft of main utilidor, 80 ft of service utilidor, 1 FH, and 3 MHs between MH 113 north portal and 111, including 2 <sup>nd</sup> access hatch as designated. Replace Bldg services 1140 (south). Approx 105 ft of crack repair using chemical grouting. Comm conduit between CITS MH and utilidor, all complete.	1	Lump sum	\$ _____
0010.	Flightline Ave.(N): Construct repairs of approx. 700 ft of main utilidor, 80 ft of service utilidor, 1 FH, and 3 MHs between MH 113 north portal and 111, including 2 <sup>nd</sup> access hatch as designated. Replace Bldg services 1140 (south). Approx 105 ft of crack repair using chemical grouting. Comm conduit between CITS MH and utilidor, all complete.	1	Lump sum	\$ _____
Total of Items 0005 thru 0010				\$ _____
Total of Base and Optional Items				\$ _____

EVALUATION OF OFFERS.

1. AWARD: Award will be made in accordance with Section 00120 - EVALUATION FACTORS FOR AWARD.

2. INCOMPLETE OFFERS: Failure to submit an offer on all items in the schedule will result in an incomplete offer and the proposal will be rejected. Lump sum ~~or unit prices~~ must be shown for each item within the schedule.

3. EVALUATION OF OPTIONS: See Contract Clauses.

-- End of Proposal Schedule --

Solicitation No. DACA85-03-R-0002  
Design/Build to Upgrade Utilidors, Phase IV, Eielson AFB, Alaska  
Amendment No. R0002

Questions dated 8 Aug 03:

1. Is it mandatory to remove all removable Utilidor Lids, or is it at the discretion of the contractor?  
Item 1. It is required to remove all removable utilidor lids. Section 01010 1.1.2.4 Requires the utilidor to be abated of asbestos. Utilidor lids have asbestos containing mastics that will require the lids to be removed to accomplish abatement.
  
2. Soil sampling and testing at Lift Station D. Section 02280 1.3. What does this have to do with the scope of work for this contract?  
Item 2. Lift Station D is not in this contract. Specification section 02280 still applies to this contract.
  
3. Resident Engineer contractor supplied office. Can you tell us the location of office site, so we can determine cost of temporary utility hookups for water, sewer and electricity.  
Item 3: No answer at this time.
  
4. Can you tell us where the staging area will be located on base for contractors use?  
Item 4: No answer at this time.

Question dated 12 Aug 03

- A.
  1. Suggestion to revise the bid schedule.  
Response: See revised bid schedule provided in this amendment.
  
  2. No response required.
  
- B. Submittal of the subcontracting plan may be 24 hours after the submittal due date of 22 Aug 03.  
Response: The subcontracting plan may be submitted within two (2) working days (26 Aug 03) by 2:00 p.m.

Solicitation No. DACA85-03-R-0002  
 Design/Build to Upgrade Utilidors, Phase IV, Eielson AFB, AK  
 Amendment No. R0002

Questions dated 11 Aug 03

	Comment	Response
A.	"Can we anchor the piping between the floor and ceiling (lids) of the utilidor?"	<p>Removable utilidor lids shall not be used as anchorage for the obvious reason that the lids are not fixed. In utilidor it is allowable to construct a fixed ceiling (cast in place concrete ceiling doweled to existing utilidor wall) over a short distance, to accommodate anchors between manholes.</p> <p>One reason for avoiding floor anchorage whenever possible is that very severe corrosion occurs within 12 to 18 inches of the floor. Corrosion protection is required per Section 02509, 2.2.7.</p> <p>All floor anchors shall require approval from the Utilidor Shop as stated in Appendix G, Part I., Paragraph 1.</p>

Questions dated 12 Aug 03

	Comment	Response
A.	References in Scope of Work, Base Proposal, Sheet G1.2 do not correspond to detail descriptions on Sheet C1.5.	<p>Agree. On Sheet C1.5 letter references in Detail 2, 3, and 4 titles, remove "c. &amp; d." and replace with "a. &amp; b.". Title for Detail 1 remains the same. On Sheet C1.5, near the top of Detail 1, between MH 140 and 145, there is sheet note "BASE PROPOSAL ITEMS c. &amp; d.". In this sheet note remove "c. &amp; d." and replace with "a. &amp; b.".</p>
B.	Matchline referencing on Sheet C1.5 disagree with one another.	<p>In this system the forward matchline references the next detail. The lagging matchline references the previous detail. The matchline referencing system used should not be changed.</p>
C.	Please clarify what is to be done at service utilidor between MH 504 and Bldg 3240 Mech Room.	<p>Background: In the year following completion of our utilidor conditions survey for Repair Utilidors, Phase IV, the mechanical room at Bldg 3240 was replaced. As part of this work, a new fire line was installed from the utilidor water main into the mech room. ACM pipe insulation shown in June 2001 Photo Detail 11, Sht C2.31, was abated. Sheet note above Detail 9, Sht C2.31 is to be understood within the context of work done for mech room, not Phase IV work.</p> <p>Phase IV Work: Demolish all steam, condensate, water, and sewer pipe, appurtenances, and supports at MH 504 and in service utilidor/service pit to Bldg 3240 mech room. Exception is to keep new fire line and gate valve referenced in Detail 10, Sht C2.31. The point of connection (POC) is at top entrance to service pit. June 2001 Detail Photos 10, 11, and 12, Sht C3.4 indicate typical POC's shall be made at valves and fittings close to the service pit entrance.</p> <p>As part of the Contractor's design services, the Contractor needs to field visit all aspects of the work. The DB/RFP design requirements are not to be the sole basis for design and construction.</p>

Solicitation No. DACA85-03-R-0002  
 Design/Build to Upgrade Utilidors, Phase IV, Eielson AFB, AK  
 Amendment No. R0002

Questions Dated 12 Aug 03

	Comment (Paraphrased)	Response
1.	We need a Base wide plan showing utility locations and pipe diameters.	<p style="text-align: right;">12</p> <p>Making the Eielson utilities G-tab available to the Offerors' was an item discussed in previous meetings. It became more an issue of security protocol. Issuing this information was to be done by the Government and not the A-E. It is important to note that previous utilidor repair contractors probably have this G-tab information already.</p>
2.	We need to know the steam loads for various affected buildings.	<p>The following are steam during peak winter demand at project facilities and central steam plant output throughout the year. This information was taken from July 2001, Utilidor System Modeling. The model output available did not include summer load modeling. The Proposer can correlate seasonal, central steam output with available facility loads.</p> <p><u>Peak Loading During the Winter</u>            Bldg 1140 - 56 kbtu/hr, 53.2 lb/hr – Modeling Node 111            Bldg 1142 – No Information.            Bldg 1151 – 3815 kbtu/hr, 3620.4 lb/hr – Modeling Node 112            Bldg 3114 – 21 kbtu/hr, 20.1 lb/hr – Modeling Node 202            Bldg 3112 – 1825 kbtu/hr, 1721.4 lb/hr            Bldg 3301 – 397 kbtu/hr, 374.2 lb/hr            Bldg 3343 – 1,259 kbtu/hr, 1176.9 lb/hr; <i>Note Bldg is a gym.</i>            Bldg 1183 – 405 kbtu/hr, 378.5 lb/hr            Bldg 1190 – 643 kbtu/hr, 601.1 lb/hr            Bldg 1206 – Portion of 2,934 kbtu/hr, 2755 lb/hr – Modeling Node 505            Bldg 3229 - Portion of 2,934 kbtu/hr, 2755 lb/hr – Modeling Node 505            Pump House on Flightline – No Information            Bldg 1209 – 841 kbtu/hr, 799.1 lb/hr            Bldg 3240 – No Information            Bldg 3242 – No Information</p>

		<p><u>Average Eielson CHPP Boiler Steam Output (M lbs per Month)</u></p> <p>January (peak month) – Y98 is 253,230; Y99 is 237,900; Y00 is 221,770            May – Y98 is 146,770; Y99 is 126,600; Y00 is 1323,260            June – Y98 is 119,350; Y99 is 108,060; Y00 is 96,770            July – Y98 is 117,740; Y99 is 112,900; Y00 is 104,800            August – Y98 is 127,400; Y99 is 100,000; Y00 is 116,130            September – Y98 is 138,710; Y99 is 113,710; Y00 is 138,710            October – Y98 is 169,350; Y99 is 168,550; Y00 is 175,810            November – Y98 is 188,710; Y99 is 205,650; Y00 is 194,350            December – Y98 is 225,800; Y99 is 222,580; Y00 is 217,740</p>
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