

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			J	1	4
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 16-Sep-2004	4. REQUISITION/PURCHASE REQ. NO. W68MD9-4240-9941		5. PROJECT NO.(If applicable)	
6. ISSUED BY USA ENGINEER DISTRICT, SEATTLE ATTN: CENWS-CT 4735 EAST MARGINAL WAY SOUTH SEATTLE WA 98134-2329	CODE W912DW	7. ADMINISTERED BY (If other than item 6) USA ENGINEER DISTRICT, SEATTLE PATRICIA ORTIZ PH: 206-764-3516 FAX: 206-764-6817 PATRICIA.A.ORTIZ@US.ARMY.MIL SEATTLE WA		CODE W912DW	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. W912DW-04-Q-0164	
			X	9B. DATED (SEE ITEM 11) 02-Sep-2004	
				10A. MOD. OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE			FACILITY CODE		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> 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 _____ 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 <input type="checkbox"/> is not, <input type="checkbox"/> 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.) Solicitation Number W912DW-04-Q-0164, Amendment R0002 Project: FIBER OPTIC CABLE UPGRADE FOR COMBINED ARMS COLLECTIVE TRAINING FACILITY (CACTF) LOCATION: Fort Lewis, Tacoma, WA See Continuation Sheet					
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)		
			TEL: _____ EMAIL: _____		
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)		16-Sep-2004	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

The following items are applicable to this modification:

s1. The purpose of this amendment two (0002) dated 16 September 2004 is to response to questions pertaining to this project.

Questions and answers are listed below pertaining to each section as follows:

Question 1: Section 1.2.2.1:

Rerouting the existing power cable and 1" conduit based on the materials list this work involves installing no more than 100 lf of 1" conduit inside the guard shack and pulling no more than 100 lf of 12AWG cable. No other materials are required. Is this a correct assessment?

Response: The additional conduit, far less than 100 lf (exact amount unknown but likely <20 lf), will be required in the Supply/Mess building to accommodate the change in use of conduits. Some very small amount of conduit may be required in guard shack depending on contractor approach. Replacement of conductor likely required, approximate 100 lf run, likely 12 AWG, but contractor to verify correct conductor length, size and type. As indicated in the materials list, a NEMA 3 enclosure and a junction box with fittings will be required. Some miscellaneous materials will also be required.

Question 2: Section 2.10 Penetrations for cable access:

The rest of the Statement of Work and the site visit indicates that all cable is to be installed in existing underground conduit to existing entrance rooms where the cable will be terminated within 50' of point of entry. Is this correct, or are new penetrations into or within any given building going to be required, and if so, is steel conduit or plenum cable required?

Response: Correct, no new penetrations are presently foreseen. No need for steel conduit or plenum cable is presently foreseen.

Question 3: Section 2.11.1, which reads in part:

"Cable construction shall be tight-buffered type for inside plant or short runs and loose buffered for long runs such as the AAR to Leschi Town run."

From the rest of the Statement of Work and the site visit, all the cable appears to be outside plant, so the requirement for tight-buffered cable hinges on the definition of "short runs," does this mean that all the runs are "short runs" except for the referenced AAR to Leschi Town run?

Response: Negative. All runs are outside plant; utilize loose-buffered cable.

Question 4: Section 2.16.2 Patch Cords:

This is the only reference to patch cords. Are patch cords required for each termination? If so, what is the length and are they all to be ST connectors on both ends?

Response: Terminations shall be in accordance with cited references. Ft. Lewis utilizes ST connectors and terminations as described in Section 2.16. Conduct of work not prescribed in SOW, performance based. Use patch cords where appropriate and to comply with cited references to provide a professional installation. Reference site visit observations and match existing as a minimum.

Question 5: Section 2.16.5 Equipment mounting backboards:

Based on the Statement of Work and the site visit, all cable is to be installed in existing conduit to existing entrance rooms with existing fiber optic patch panels. The existing fiber optic patch panels are presumably installed on existing backboards, the requirement for these backboards being that they are 4'X8'. Are new backboards going to be required?

Response: Note there is a need for a small amount of additional backboard at the Municipal Building Guard Shack in an amount that could be considered miscellaneous materials. Depending on the contractor's approach, an additional enclosure with backboard may provide a more direct solution than that envisioned by estimators in certain very limited cases. The vast majority of the work will proceed as described. No underground conduit installation will be necessary. The materials list does indicate the need for new patch panels at several locations, e.g. the Residence Ring, etc.

Question 6: The requirement for tight buffered cable on all short runs (question 3 in previous email copy below), if this requirement includes the 96 count cable, the diameter of this cable will be significantly larger than a loose buffered cable. Do all available ducts have sufficient to pull in such large diameter cables without placing undue stress on the cable, and are any angles minimized to facilitate pulling such large diameter cables?

Response: The AAR to Leschi Town run is to be loose-buffered per SOW Section 2.11.1. Outside plant runs are to be loose-buffered, also per 2.11.1. It appears all runs for this project can be considered outside plant. Nevertheless, conduit size will be considered the limiting constraint on choice of cable type. If any cable will not fit in existing conduits, evaluate alternatives and contact the project communications specialist and/or PM for guidance. Measure and do not exceed tension thresholds when pulling cable, per SOW Section 2.9.

Question 7: Section 2.16.3 Fiber Optic Patch Panels. This section reads in part:

"Patch panels shall be 480mm 19 inch rack mounted or wall mounted panels."

Does this section indicate that panels should be of an appropriate type depending on whether it is to be rack or wall mounted? Or does it mean a design that allows for both rack mount or wall mount of the same panel? If the design should be such that an individual panel can be both rack or wall mounted, my

initial research indicates that such a design does not accommodate 144 ST connectors.

Response: Match existing type. If no patch panel exists, utilize wall-mounted panels, as no rack will be present. If a rack exists, utilize it preferentially over wall mount. A single design for both rack and wall mounting is not necessary, but a mix of panel types will be necessary.

3. The closing date and time remains the same.

17 September 2004. 2:00 P.M. LOCAL TIME

4. Offerors must acknowledge all amendments by date and number.