

2. AMENDMENT/MODIFICATION NO. 0010	3. EFFECTIVE DATE 19 November 2002	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. <i>(If applicable)</i>
6. ISSUED BY U.S. ARMY ENGINEER DISTRICT, ALBUQUERQUE CORPS OF ENGINEERS 4101 JEFFERSON PLAZA, N.E. ALBUQUERQUE, NEW MEXICO 87109-3435		7. ADMINISTERED BY <i>(If other than Item 6)</i>	

8. NAME AND ADDRESS OF CONTRACTOR <i>(No., street, county, State and ZIP Code)</i>	(✓)	9A. AMENDMENT OF SOLICITATION NO. DACW47-02-R-0006
	X	9B. DATED <i>(SEE ITEM 11)</i> 21 March 2002
		10A. MODIFICATION OF CONTRACTS/ORDER NO.
		10B. DATED <i>(SEE ITEM 13)</i>
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 _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

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

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

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

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

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

PROJECT: DESIGN/BUILD, WINGATE ELEMENTARY REPLACEMENT SCHOOL, FT. WINGATE, NEW MEXICO

1. This is Amendment No. 10 to Solicitation No. DACW47-02-R-0006, 21 March 2002. The following revisions shall be incorporated into the specifications. All other provisions shall remain unchanged.

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

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

2. Proposers need to acknowledge all ten amendments on the Standard Form 1442.
3. SPECIFICATIONS: Delete the following listed pages and substitute the pages attached hereto. On the revised pages, for convenience, changes are emphasized by the amendment number in parentheses before and after changes from the previous issue. All portions of the revised (or new) pages shall apply whether or not changes have been indicated.

Delete Page

Insert Page

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//////////LAST ITEM//////////

with continuous woven glass strands having an overall compressive strength of at least 10,000 psi and a flexural strength of at least 5,000 psi. Pullbox and handhole covers in sidewalks, and turfed areas shall be of the same material as the box. Concrete pullboxes shall consist of precast reinforced concrete boxes, extensions, bases, and covers. Manholes shall be provided with cable racks and/or equipment supports as appropriate. Manholes shall be provided with a full ground system and all metallic parts shall be bonded.

8.2.3.4.1 Communication manholes shall be provided in sizes as required by the local telephone service company.

8.2.4 **Service Entrance.** Each building shall be fed directly from the secondary distribution switchboard via secondary conductors in duct sized for the connected load of the building. The service entrance conductors shall not be larger than 500 kCM. If the ampacity of the total load exceeds the ampacity of 500 kCM wire, then parallel runs of conductors shall be used. Parallel runs shall be installed as required by the NEC. Conductors in parallel runs shall be equal in length and shall be installed in the presence of the Contracting Officer's Representative. Service entrance cable shall be type USE cable.

8.2.5 **Sizing.** Sizing calculations shall be provided, per the requirements given in Section 01012 of this RFP, for all equipment and feeders. Estimated loads shall be included in the calculations for future and spare equipment, and all equipment required in this RFP.

8.2.6 **Exterior Lighting.** IES Handbook recommendations, including cutoff fixtures and shields, shall be used to minimize light trespass. Voltage drop on lighting circuits shall not exceed 6 percent at the most distant fixture. Area lighting shall be provided for walks, and the parking area as well as covered courtyards. Illumination shall not be less than 1.0 footcandles average maintained. Fixtures shall be visually compatible with BIA Design Criteria, and shall meet the State of New Mexico Dark Skies Lighting Standard, and the recommendations in the latest edition of the IES Handbook. Bollards, pole mounted shoebox type fixtures, etc., shall be used. All exterior fixtures shall be submitted to the Contracting Officer for review and approval. All fixtures, except soffit mounted, bollard type fixtures and those mounted in covered walkways shall be metal halide.

(10) 8.2.7 **Communications Utilities.** Communications utilities include telephone, LAN, CATV, and the integrated Master Clock/Intercom/Public Address systems. The Contractor shall provide 2-4" PVC conduits, encased in concrete, from the appropriate locations within each building (see telephone and LAN sections below) to the campus service point location via a 2-way communications ductbank distribution system, to include manholes, handholes, and/or pullboxes, as required by the telephone service company. All elbow sweeps and conduits penetrating the foundation and/or the floor slab shall be RGS. One of the 4" PVC conduits shall have 4-1" multiguard, corrugated innerduct conduits within. Duct bank routing shall be submitted to the Contracting Officer for review and approval. Pull ropes shall be provided in all voice/data conduits for future installations.

(10)

(10) 8.2.7.1 **Telephone System.** One (1) of the above 4" PVC conduits (including one with inner ducts) shall be installed to the telephone backboard in the communications room within each building. In the conduit without the inner ducts, throughout the campus site, the Contractor shall provide telephone cables with the number of pairs necessary for each building telephone system and 25% additional for future. The cables shall be twisted pair, #22 AWG copper, telephone cable, rated for CAT-5e service per TIA/EIA 568A, shall have an outer jacket overall and shall be rated for exterior and wet location duty. The cable to each building shall be terminated on type 110 punchdown blocks on the telephone backboard in the communication room. The cable shall be installed with 25 feet of cable coiled at the service point location, as coordinated with the telephone service company and the Contracting Officer, and left for termination by others. The 4" conduit shall be stubbed up 6" above the finished floor in each communications room. Switches in each building may be provided instead of hard wired home runs back to the administration building only if approved by the BIA, Wingate Elementary Personnel, and the Contracting Officer. The Contractor shall coordinate all work with the telephone service company and the Contracting Officer prior to starting.

(10) 8.2.7.2 **LAN and Master Clock/Intercom/Public Address System.** The other 4" PVC conduit (including inner ducts) shall be installed for the LAN and integrated Master Clock/Intercom/Public Address systems throughout the campus site. The 4" conduit shall be extended to and stubbed out beneath the LAN Rack in each building where the cables will be terminated. The exposed sections of the conduit shall be IMC or RGS construction. Campus-wide LAN and integrated Master Clock/Intercom/Public Address Systems shall be provided using fiber optic cables run in inner duct to each building, terminated at media converters at the LAN and integrated Master Clock/Intercom/Public Address System Racks. To provide for these campus-wide systems, the contractor shall provide twelve (12) fiber, single mode, exterior grade, with an overall WP jacket, fiber optic cables from the System Racks in each building to the central Racks in the Administration Building.

8.2.7.3 **Existing Exterior Site Communications Requirements.** Where exterior communication cables and/or duct banks are impacted by this project these communication systems shall be addressed as required below. For this project, an installation shall be defined as "impacted" if the existing installation is disturbed during construction of the new structure or if any part of the new structure will be over, on, or around the existing structure.

8.2.7.3.1 **Underground (UG) Duct Bank.** Existing underground communication duct banks are not known to exist in the vicinity of the new school campus. If previously unknown duct banks are discovered, and will be impacted by the project building construction, they shall be replaced or removed as required by the telephone service company. Coordinate with the Contracting Officer.

8.2.7.3.2 **Direct Buried Communications Cable.** Existing direct buried (DB) communication cables are not known to exist in the vicinity of the new school campus. If previously unknown DB cable is discovered, and will be impacted by the project building construction, the cable shall be replaced or removed