



State of Utah

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Lieutenant Governor

Department of Administrative Services

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Executive Director

Division of Facilities Construction and Management

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Director

ADDENDUM

Date: 11 May 2007

To: Contractors

From: Wayne Smith, Project Manager, DFCM

Reference: Bldg 3020 Remodel Camp Williams
Utah National Guard – Bluffdale, Utah
DFCM Project No. 05228480

Subject: **Addendum No. 3**

Pages	Addendum	2 page
	<u>Attachment (Section 16250)</u>	<u>4 pages</u>
	Total	6 pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

1.1 **SCHEDULE CHANGES – There has been no changes to the Project Schedule.**

1.2 **General Information**

For clarification it is essential that all bidders pay particular attention to the communications specifications. As per specification ONLY Siemens authorized installers may be used and all National Guard Specifications must be strictly adhered to for the installation. Authorized installers must verify that the equipment they are providing along with their installers meets Siemens and the National Guard specifications requirements as verified through Mike Hansen National Guard.

Addendum #1 included a complete set of specifications for this project. The only section affected by the addendum was section 16250 which has been included and addressed as an attachment to addendum #3

Drawings

Sheet No AE – 101 Floor Plan

1. Door Schedule: Change the door frame on all three (3) door types, both new and existing to painted hollow metal. Note that this requires removal of existing wood jambs and doors and replacing with 1 ¾” solid core doors. Delete Detail #2/101
2. Room #106. Work Room: Note the existing countertops and cabinets are to be disassembled during demolition and supplied to Owner.
3. At the north entrance vestibule- Provide matching ceramic tile patch from existing west edge of existing tile floor to the new wall.
4. Mechanical Room #111 and Closet #112: Retain existing return air grille in existing wall and provide a new air grille to be located in the new wall above door #1 into closet.
5. Data Communications:
 - A. Add a new datacom receptacle to be located in Office #101 on the south wall between the window and the existing entrance door.
 - B. Add a new datacom receptacle to be located in Storage Room #110 centered on the east wall.
 - C. Mechanical Room #111 – Relocate new datacom board shown on the south wall to the east wall adjacent to the existing datacom panel.
 - D. The datacom receptacles shown as existing, which was called out in the schedule to be replaced with a new receptacle and cabling back to the telecom board, will require that a conduit be connected at the termination above the receptacle in the ceiling space and run back to the telecom board.
 - E. See attached Telecommunications Specification which was omitted from the specification. Also note that all new and existing datacom installation will require a junction box and a conduit back to the telecom board per specification requirements.

End of Addendum

UTAH NATIONAL GUARD STATEMENT OF WORK
PERFORMING TELECOMMUNICATION PROJECTS
UT-G6-C (5/4/2007)

Section 16250 - GENERAL INFORMATION AND CONDITIONS

Purpose and Intent:

The Utah National Guard (UTNG) desires to have Telecommunication parts installed in accordance with Industry Standard TIA/568B. All projects must be coordinated and approved through the UTNG State Telecommunications Manager (Mike Hansen, pager (801) 249-3838) to ensure that industry standards are adhered to.

Key Dates:

Proposal Review: The Contractor should allow the Owner two weeks for review of proposals and award. A start date will be provided in the Notice of Award.

Site Visits:

Site visits for telecommunication projects will be arranged by contacting Mike Hansen by telephone at 801-523-4118(office) or 801-249-3838(pager), or by e-mail at mike.hansen@ut.ngb.army.mil

Questions:

Questions regarding this Statement of Work should be presented in writing to:

Utah Army National Guard
UT-G6-C, ATTN: Mike Hansen
P.O. Box 1776
Draper, UT 84020
FAX (801) 523-4844

E-mail questions to mike.hansen@ut.ngb.army.mil

A written answer to any such questions will be provided to all respondents to this request for proposals.

CONTRACT INFORMATION

Proposal Organization: The Contractor should break down his proposal deliverables and costs into parts and labor.

Cost Basis: The Contractor should show a unit price breakdown for the personnel, materials and tasks to be provided, as well as lump sum prices per project.

Selection Criteria: The UTNG will use the following criteria, equally weighted, to select the successful Contractor for this work.

Technical Abilities and Approach: The qualifications and experience of key personnel, as well as the proposed methodologies and resources will be considered.

Past Performance: The experiences of the Contractor most closely related to this project will be considered, particularly successful completion of projects using Industry Standard TIA/568B.

Responsiveness: The ability of the Contractor to dedicate sufficient resources to the project and to be readily available will be considered.

Cost: The overall costs proposed by the Contractor and the completeness of detail of these costs will be considered.

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Award of Contract: Award of any Contract is contingent upon availability of state/federal funds to perform this work. The UTNG anticipates award of all work to a single Contractor, but reserves the right to split the award or make a partial award.

BACKGROUND

Agency Need Description: The UTNG requires that the following parts (brand specific or equal) be used in conjunction with TIA/568B guidelines:

**Telecommunication standards for all Utah Army National Guard facilities, except AGCW.
MDF / IDF (Main or Intermittent Distribution Frame)**

Standard Equipment:

1. Siemon HD5-89D-12 Patch Panels.
2. Siemon HD6-89D-12 Patch Panels. ***
3. Siemon S210MB2-192 **
4. Siemon S188-300 Vertical Wire Management **
5. Siemon S188WD Horizontal Wire Management **
6. Siemon S110M-WM-300 Vertical Wire Management **
7. Siemon S210MB2-300 **
8. Siemon S210C-4 **
9. Siemon CT-5-C5-02 Angled Jack.
10. Siemon CT-C6-C6-02 Angled Jack. ***
11. Siemon CT2-FP-02 Faceplate.
12. Siemon SPB-V1 24 Port Patch Panel.
13. Commscope CAT 5E Blue 55N4R BL
14. Commscope CAT 5E Yellow 55N4R YL
15. Commscope CAT 6 Blue 75N4 BL ***
16. Commscope CAT 6 Yellow 75N4 YL***
17. Green Backboard Metal M183 B2 (VAR)
18. Blue Backboards Metal M183 B1 (VAR)
19. Yellow Backboards Metal M183 B5 (VAR)
20. Full Spool boards. M187 B1 (VAR)
21. Marconi R66P25QC Lighting Protection Panel.
22. Marconi R66P50QC Lighting Protection Panel.
23. Marconi R66P100QC Lighting Protection Panel.
24. SECOR WIC 012 LIU can.
25. Siemon Rack Mount LIU FCP3-Rack. **
26. Gas Protection Fuses 104410147

MDF (Main Distribution Frame) for AGCW

Standard Equipment:

1. AVAYA 107894966 100 Pair Lighting Protection 110 termination style.
2. SECOR CCH03U 72 Strand Rack Mount LIU.

The MDF at AGCW is in building 617. To gain access to this area you will have to contact Mike Hansen at (801) 249-3838 or Toby Adamson at (801) 241-9942. **All work to be bid on or done at AGCW will contact Mike or Toby prior to starting.**

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IDF (Intermittent Distribution Frame) for AGCW

Standard Equipment:

3. Siemon HD5-89D-12 Patch Panels.
4. Siemon HD6-89D-12 Patch Panels. ***
5. Siemon CT-C5-C5-02 Angled Jack.
6. Siemon CT-C6-C6-02 Angled Jack. ***
7. Siemon CT2-FP-02 Faceplate.
8. Siemon SPB-V1 24 Port Patch Panel.
9. Commscope CAT 5E Blue 55N4R BL
10. Commscope CAT 5E Yellow 55N4R YL
11. Commscope CAT 6 Blue 75N4 BL ***
12. Commscope CAT 6 Yellow 75N4 YL***
13. Green Backboard Metal M183 B2 (VAR)
14. Blue Backboards Metal M183 B1 (VAR)
15. Yellow Backboards Metal M183 B5 (VAR)
16. Full Spool boards. M187 B1 (VAR)
17. Marconi R66P25QC Lighting Protection Panel.
18. SECOR WIC 012 LIU can.
19. Gas Protection Fuses 104410147

Manholes

1. Copper Splice Cases 3M KB6 (is the series). You will need to talk to Mike or Toby to determine what ends need to be placed on the ends of the splice case.
2. Fiber Splice Case Coyote 80805514 (Splice tray will depend on amount of fiber)

There are several Manholes at AGCW. When pulling Backbone Cable you will leave a 20 ft maintenance loop in every manhole between the IDF and the MDF. All splices will be sealed water tight. If a case is open, it will be resealed to maintain a water tight seal. All splices in the fiber cable will be fusion spliced. Splices in the copper cable will be done in a splice case and made water tight. To find a path from the IDF to the MDF you will need to speak with Mike or Toby.

All telecommunication work to be done on any Utah Army National Guard Facility will be coordinated and approved through Mike Hansen (pager # (801) 249-3838) or Toby Adamson (pager # (801) 241-9942). Layout for telecommunication closets will be as followed. There will be 1 or more sheets of ¾ inch plywood placed on the wall of the telecommunication closet. From left to right the positioning of the metal backboards will be Green, Blue, and Yellow. You will leave proper space between the blue and yellow boards to accommodate future growth. Along the bottoms of each of the backboards you will install full spool boards. On the Green backboard you will install the copper feeds for the building. The copper feeds will be terminated to lighting protection and then to the Siemon 24 port patch panel. On the Blue backboard, the Blue Commscope CAT 5E 55N4R BL***, will be terminated to the Siemon HD5-89D-12 *** patch panel. On the Yellow backboard, the Yellow Commscope CAT 5E 55N4R YL***, will be terminated to the Siemon HD5-89D-12 *** patch panel. Fiber will be terminated in an LIU can. Termination of fiber will be either ST or SC. This will depend on location. You will need to speak with Mike or Toby in order to know what facility has what termination.

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** This equipment is being used in the Draper facility

*** There are some Facilities that have CAT 6 horizontal cable. You will have to speak with Mike or Toby in order to know what is required at each Facility.

PROJECT DELIVERABLES

The Contractor will provide progress reports throughout the term of the Contract to the UTNG Telecommunications Manager.

All wire must be tested by the contractor with a cable analyzer for its appropriate rating in accordance with TIA/568B standards. The Contractor will turn-in written results of the cable analyzer testing to the UTNG Telecommunications Manager.

PROPOSAL PREPARATION INSTRUCTIONS

The proposal must include the following components: a technical proposal, a cost proposal, a delivery schedule, and a presentation of the Contractor's personnel qualifications and experience. Proposals that do not include the specified elements may be rejected. The Contractor is encouraged to submit copies of relevant projects performed (TIA/568B) within the last two years within his proposal.

Technical Proposal: The technical proposal should describe the tasks to be performed, the methods to be used and the proposed parts to be installed.

Cost Proposal:

The cost proposal should be provided as lump sums by project, and each project should be broken down by task. The cost proposal should include projected labor categories, hours and billing rates. The cost proposal should identify any proposed subcontractors and their labor categories, hours and billing rates.

Delivery Schedule:

The Contractor should provide a proposed schedule of activities, both on-site and in office, identifying work to be performed for each location.

Personnel, Qualifications and Experience:

The proposal should identify Contractor resources, offices, and personnel available to the project. The proposal should identify the actual personnel proposed for use on the project, including their relevant qualifications and experience with TIA/568B standards. Contractors must be certified installers of the parts and equipment proposed and install in accordance with manufacturer warranty. Experience should be listed in the following categories: Similar work performed in Utah, similar work performed in the Western United States, and similar work performed for DOD and specifically National Guard. Failure to use the proposed personnel may be grounds for termination of the project.

PROPOSAL SUBMISSION

The completed proposal should be mailed to:

Utah Army National Guard
UT-AAG-SMD, ATTN: Claire Gee
P.O. Box 1776
Draper, UT 84020

Electronic copies should be sent to cgee@utah.gov accompanied by a hard copy cover letter on letterhead.