



TETRA TECH

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Addendum #01

.....
Electrical System Upgrades
Army Aviation Support Facility (AASF) (RE-BID)
Delaware Army National Guard
New Castle, Delaware
Tt Project No.: 200-76984-13013
DEARNG Contract # 20-2103

Addendum No. 01
to
Drawings and Project Manual

September 4, 2015

.....
To: ALL BIDDERS

This ADDENDUM forms a part of the BIDDING AND CONTRACT DOCUMENTS and modifies the following documents:
Original DRAWINGS dated September 1, 2015,
PROJECT MANUAL dated September 1, 2015.
Acknowledge receipt of the ADDENDUM in the space provided on the FORM OF PROPOSAL

This ADDENDUM consists of one (1) page and attachments:

CHANGES TO PROJECT MANUAL

- 1.1 Section 00 11 13 Advertisement for Bid
 - A. 5th Paragraph, last sentence, **ADD** "... as a Prime Contractor" to the end of the sentence.
- 1.2 Section 01 10 00 Summary, Article 1.5 Construction Schedule, Paragraph A
 - A. Subparagraph 1, **CHANGE** Commencement of construction date to read, "Approximately October 15, 2015."
 - B. Subparagraph 2, **CHANGE** Substantial Completion date to read "150 days."
 - C. Subparagraph 3, **CHANGE** final completion date to read, "180 days."

CHANGES TO DRAWINGS

- 1.3 None to date

ATTACHMENTS

Pre-Bid Sign in Sheet
Pre-Bid Meeting Report
Bid Register (Plan Holder List)

END OF ADDENDUM 01

Pre-Bid Meeting Record (Re-Bid)

Meeting Date: Tuesday, September 1, 2015 @ 2:00 p.m.

Publication Date: September 4, 2015

Prepared By: Scott D. Parlow, P.E.

Tt Project No.: 200-76984-13013

Regarding: Delaware Army National Guard (DEARNG)
AASF Electrical System Upgrades
DEARNG Contract No.: 20-2013 (Re-Bid)

Attendees

William R. Davis	DEARNG	302-326-7131	william.r.davis534.nfg@mail.mil
Matt Bailey	Power Plus Electrical Contractors, Inc.	302-736-5070	Mattb337@gmail.com
Jim Orga	First State Electric, Inc.	302-322-0140	jim@firststateelectric.com
Jamie Biscoe	Superior Electric Services Co.	302-658-5949	jamie@superiorelec.biz
John DeMatteis	Nickle Electric	302-453-4000	jdematteis@nickleelectric.com
CW2 Chris Slicer	DEARNG	302-326-7217	christopher.l.slicer.mil@mail.mil
Robert Hansley	Tetra Tech, Inc.	302-738-7551	Robert.hansley@tetrattech.com
Kamal Ghose	Tetra Tech, Inc.	302-738-7551	Kamal.ghose@tetrattech.com
Scott D. Parlow, PE	Tetra Tech, Inc.	302-738-7551	scott.parlow@tetrattech.com

Additional Distribution

CW Luis Velazquez	DEARNG	302-326-7216	Lvelazq398@yahoo.com
Clint Lasana	Tetra Tech, Inc.	302-738-7551	Clint.lasana@tetrattech.com

Item

Item

1. A Mandatory Pre-Bid Meeting for the above referenced project was held in the DEARNG AASF Building Training Room in New Castle, Delaware on Tuesday, September 1, 2015 @ 2:00 p.m. Those in attendance are noted above.
2. Sealed bids shall be addressed to: Delaware Army National Guard, Armed Forces Reserve Center, 250 Airport Road, New Castle, DE 19808-2191; ATTENTION: William R. Davis. The outer envelope shall clearly indicate: **DEARNG CONTRACT NO. 20-2013 – DEARNG AASF Electrical System Upgrades (Re-Bid) – SEALED BID - DO NOT OPEN.**
3. This is a mandatory Pre-Bid Meeting and Prime Bidders are limited to those in attendance.
4. Bids Due at 2:00 p.m. local time on Thursday, September 17, 2015.
5. The Wage Rates for this project shall be as determined by the Delaware Department of Labor and Division of Industrial Affairs for New Castle County. A certified copy has been included in the Project Manual. However, Contractors are responsible to contact the Delaware Department of Labor to receive verification

of the most current Wage Rate Scale.

6. Only plan holders who received bid document sets from Tetra Tech, and that signed the Pre-Bid meeting sign-in sheet, will receive ADDENDA.
7. A general review of the Project Manual was performed. The following specification sections were reviewed.

<u>Section</u>	<u>Article</u>	<u>Title</u>
00 11 13	--	Advertisement for Bids
00 21 13	1.1	Definitions
	2.0	Bidders Representation- General
	2.1	Pre-Bid Meeting
	3.0	Bidding Documents
	3.1	Copies of Bid Documents
	3.2	Interpretation or Correction of Bidding Documents
	3.3	Substitutions
	3.4	Addenda
	4.0	Bidding Procedures
	4.1	Preparation of Bids
	4.2	Bid Security
	4.3	Subcontractor List
	4.5	Prevailing Wage Requirements
	4.6	Submission of Bids
	7.0	Performance Bond and Payment Bond
	7.1	Bond Requirements
00 04 13	--	Bid Form
00 43 13	--	Bid Bond Form
00 52 13	--	Standard Form of Agreement Between Owner and Contractor (AIA A101-2007)
06 61 13.13	--	Performance Bond
06 61 13.16	--	Payment Bond
		Change Order (AIA Document G701)
		Application of Payment (AIA G702)
		Continuation Sheet (G703)
		Certificate of Substantial Completion (AIA Document G704)
		Contractor's Affidavit of Payment of Debts and Claims (AIA Document G706)
		Contractor's Affidavit of Release of Liens (AIA Document G706a)
		Consent Of Surety Of Final Payment (AIA Document G707)
		Architect's Supplemental Instructions (AIA Document G710)
00 72 13	--	General Conditions of the Construction Contract (AIA A201)
00 73 13	3.5	Warranty
	3.11	Documents and Samples of the Site
	9.2	Schedule of Values
00 73 46	--	State of Delaware Wage Rate Schedule
00 81 13	7.0	Changes in the Work
00 82 13	1.3	Work Included
	1.4	Work Not Included
	1.7	Drawings and Specifications

	1.8	Continuity of Services
	1.10	Responsibility for Damage and Care of State Property
	1.16	Guarantee
	1.17	As-Built Drawings
01 10 00	1.1	Summary - General
	1.4	Work Covered by Contract Documents
	1.5	Construction Schedule
	1.8	Coordination with Occupants
01 20 00	1.0	Allowances – General
	1.7	Lump Sum Allowances
	1.8	Contingency Allowances
	3.3	Schedule of Allowances
01 31 00	1.0	Project Management and Coordination – General
	1.5	Project Meetings
01 31 20	1.0	Payroll Reports – General
	1.4	Payroll Reports
01 33 00	1.0	Submittal Procedures – General
	2.2	Electronic Submittal Procedure
01 74 19	1.0	Construction Waste Management – General
	1.3	Submittals
	1.5	Waste Management Plan
01 77 00	1.0	Closeout Procedures – General
	1.3	Substantial Completion
	1.4	Final Completion
	1.5	List of Incomplete Items (Punch List)
	1.6	Project Record Drawings
	3.3	Summary of Closeout Documents
26 05 72	1.0	Overcurrent Protective Device Short Circuit Study – General
	3.2	Short Circuit Study
26 05 73	1.0	Overcurrent Protective Device Coordination Study – General
	3.2	Protective Device Coordination Study
26 05 74	1.0	Overcurrent Protective Device Arc-Flash Study – General
	3.0	Arc-Flash Study
26 24 13	1.0	Switchboards – General
	2.1	Switchboards – Products
26 24 16	1.0	Panelboards – General
	2.1	Distribution Panelboards

8. The following items were discussed in greater detail:

- A. Contractors may copy the Bid Form; submit single original.
- B. Contractors shall identify the time of construction in their Bid Form. It is the intent of the project to be completed in one hundred eighty (180) days (end of March 2016).
- C. All discrepancies, questions or requests for clarifications or interpretations must be submitted to the Engineers office at least seven (7) days prior to bid due date (Thursday, September 10, 2015). The last Addendum will be issued on Monday, September 14, 2015.
- D. Requests for Substitutions must be submitted to the Engineer's Office at least ten (10) days prior to the bid due date (Tuesday, September 8, 2015).

- E. Contractor must list themselves as the Subcontractor for all work which they propose to accomplish.
 - F. Failure to list a Subcontractor Category could be grounds for a bid to be considered non-responsive.
 - G. A Bid Security, in the amount of ten percent (10%) of the total amount of the Base Bid is required.
 - H. Temporary heat or utilities should not be required on this project. However, temporary connections to the electrical panels branch circuits serving the Boilers and Heat Pumps must be provided.
 - I. Facility restrooms are available.
 - J. It was stated that DEARNG staff will not be working every other Monday; from that date forward every other Monday will be considered as a non-working day for the Contractors and DEARNG staff.
 - 1. Normal working hours are between 7:00 a.m. to 4:00 p.m., Monday thru Friday. **Working hours for Fridays before off-Mondays are from 7:00 am to 3:00 pm.**
 - 2. Additional hours must be arranged in advance.
 - K. All vehicles and tool boxes shall be locked at all times. The Contractor will be given one (1) parking space near the work area.
 - L. No dumping will be allowed on the project site. Trash, debris and waste must be removed from the building daily and from the site as required or directed. Dumpster location to be coordinated at the Pre-Construction Meeting.
 - M. The Project Front End Specifications requires a two (2) year Warranty and Guarantee Period after acceptance by the Owner.
 - N. Under the Project's Front End Specifications, the Performance and Labor & Material Payment Bonds shall be maintained in full force (warranty bond) for a period of two (2) years after the date of the Certificate for Final Payment.
 - O. Contractors are responsible for all permits.
 - P. No Addenda will be issued later than four (4) days prior to the date for receipt of Bids except an Addendum withdrawing the request for Bids or one which extends the time or changes the location for the opening of bids.
 - Q. Each Bidder shall ascertain prior to submitting their Bid that they have received all Addenda issued, and shall acknowledge their receipt in the Bid in the appropriate space.
 - R. The Schedule of Values shall include a line item for the submission of the Project Closeout Documents. The value of this item shall be no less than 1% of the initial contract amount.
 - S. All utility shutdowns must be coordinated with DEARNG Maintenance.
 - T. Delmarva Power electrical costs will be applied to the appropriate allowance.
9. The drawings were generally reviewed to present the intent of the Contract Documents. The following items were discussed in greater detail:
- A. All sheets were reviewed and briefly discussed.
 - B. Most of the work will be performed in the main Electrical Room and around the distribution panels.

10. Job Site Requirements

- A. Contractor is to confine work to area of Project. It is highly important for flight operation that there is no dust, rocks or debris outside the Project area. Contractor to clean up Project area multiple times daily.
- B. Truck access to bring supplies to Project site is through the main gate and then to the AASF delivery door. All vehicles traveling to and from work area are to be inspected before each trip for potential foreign objects (rocks, debris, mud, etc.) that could potentially fall onto apron area. Personal vehicles will be parked near main gate at beginning of day. Movement of vehicles to and from project area to be coordinated with DEARNG staff.
- C. Coordinate with DEARNG staff well in advance of any power interruptions.
- D. Contractor must protect the grounds, inside and outside.

11. A Site Review and walk-through of the work area was performed. The following items were discussed:

- A. Dumpster will be allowed. It must be covered.
- B. It cannot be emphasized enough that the Contractor is responsible to keep the adjacent areas clean and protected from debris, trash, rocks, mud, etc.
- C. Contractors are responsible to fuel and service the existing emergency generators when in use, if needed
- D. The fuel capacity of the existing emergency generator serving the AASF is as follows:
 - 37.5 gallons at 100%
 - 25.0 gallons at 50%
- E. As discussed, the building must have heat during the winter. Panels HPA (1st Floor Electric Room), HPB (2nd Floor Electric Room) need to be temporarily fed if not reconnected within eight (8) hour period.
 - Panel PPE (serving the boilers) needs to be fed by connecting MDP4 within an eight (8) hour period otherwise temporary feed will be required.
 - Similarly, Panels HP1 and HP2 and the entire Avionic additions can be temporarily fed by connecting MDP5 within an eight (8) hour period otherwise feed will be required.

12. Proposed power shutdown and sequence plan was discussed. The following is a summary of that discussion.

- A. Power interruptions must be kept to a minimum. All power interruptions shall be coordinated with the Owner.
- B. Replace the existing panels and feeders as shown. Each panel and feeder needs to be changed out in one 8-hour day. For panels and feeders that will need more than eight (8) hours, the facility has extended work hours (7am to 9 pm) on Tuesdays, Wednesdays and Thursdays. Thus allowing a 12-hour day for those panels and feeders requiring more time. Panels and feeders shall not be replaced on Fridays.
- C. Once the New Service has been installed and energized. Coordinate with the Utility Co. to de-energize the 1000KVA transformer serving the Duncan Armory and the AASF Facility.
- D. Disconnect and remove the existing feeders serving the AASF Facility and re-energize the transformer.

13. Requests for additional site visits shall be arranged by calling Chris Slicer at 302-326-7217 or Luis Velazques at 302-326-7216. Please give adequate notice so that visits can be coordinated with building activity.

End of Pre-Bid Meeting Report



TETRA TECH

240 Continental Drive, Suite 200, Newark, Delaware 19713

PREBID MEETING SIGN-IN SHEET

DELAWARE ARMY NATIONAL GUARD AASF ELECTRICAL UPGRADES (RE-BID)

Tt PROJECT NO.: 76984-13013
DATE: September 1, 2015

	Name	Company	Physical Address	Telephone	Fax	e-mail
1	Matt Bailey	Power Plus Electrical	4985 N. Dupont Hwy Dover, DE 19901	302 736-5070	302 736-5120	matb337@gmail.com
2	Jim O'Leary	First State Elec	25 Kings Ct. New Castle 307	322-0140	(302) 322-1146	jim@firststateelectric.com
3	John Delmaties	Nick LeBellet	14 M. Harper Ct	453 4000	453 4071	jdelmaties@nicole.com
4	James Bixbee	Superior Electric	30 Germany Drive Wilm. DE. 19804	302-658-5949	302-658-5983	james@superiorelectricbi
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6						
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8						
9	William R. Davis					
10	Chris Slicen					
11	Robert Hensley					
12	Karnel Ghose					
13						
14						

<u>Name</u>	<u>Company</u>	<u>Physical Address</u>	<u>Telephone</u>	<u>Fax</u>	<u>e-mail</u>
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Delaware Army National Guard
AASF Electrical Upgrades (Re-Bid)

76984-13013

Bids Due: 2:00 p.m., September 17, 2015 at
Delaware Army Nation Guard
Security Officers desk
Main Lobby of the Armed Forces Reserve Center
250 Airport Rd, New Castle, Delaware, 19720

REGISTER OF BID DOCUMENTS
PLEASE PRINT CLEARLY

\$ 150.00 per set

#01	<p>Name of Company: <u>Tetra Tech, Inc</u></p> <p>Physical Address: _____</p> <p>City, State: _____</p> <p>Contact: <u>Scott Parkaw</u> GC: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p>Phone: _____</p> <p>Fax: _____ Date: _____</p> <p>E-Mail: _____</p>
#02	<p>Name of Company: <u>DEARNG</u></p> <p>Physical Address: _____</p> <p>City, State: _____</p> <p>Contact: <u>William R. Davis</u> GC: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p> <p>Phone: _____</p> <p>Fax: _____ Date: _____</p> <p>E-Mail: _____</p>
#03	<p>Name of Company: _____</p> <p>Physical Address: _____</p> <p>City, State: _____</p> <p>Contact: _____ GC: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p>Phone: _____</p> <p>Fax: _____ Date: _____</p> <p>E-Mail: _____</p>

Delaware Army National Guard
AASF Electrical Upgrades (Re-Bid)

76984-13013

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Security Officers desk
Main Lobby of the Armed Forces Reserve Center
250 Airport Rd, New Castle, Delaware, 19720

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\$ 150.00 per set

#04	<p>Name of Company: <u>CMD Group</u></p> <p>Physical Address: <u>30 Technology Parkway South, Ste 100</u> City, State: <u>Norcross, GA 30092</u></p> <p>Contact: <u>Karen Hook</u> GC: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p>Phone: <u>770-209-3466</u></p> <p>Fax: _____ Date: <u>9/3/15</u></p> <p>E-Mail: <u>karen.hook@cmdgroup.com</u></p>
#05	<p>Name of Company: _____</p> <p>Physical Address: _____ City, State: _____</p> <p>Contact: _____ GC: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p>Phone: _____</p> <p>Fax: _____ Date: _____</p> <p>E-Mail: _____</p>
#06	<p>Name of Company: _____</p> <p>Physical Address: _____ City, State: _____</p> <p>Contact: _____ GC: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p>Phone: _____</p> <p>Fax: _____ Date: _____</p> <p>E-Mail: _____</p>

**Delaware Army National Guard
AASF Electrical Upgrades (Re-Bid)**

76984-13013

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Main Lobby of the Armed Forces Reserve Center
250 Airport Rd, New Castle, Delaware, 19720

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PLEASE PRINT CLEARLY**

\$ 150.00 per set

#07	Name of Company: _____ Physical Address: _____ City, State: _____ Contact: _____ GC: YES <input type="checkbox"/> NO <input type="checkbox"/> Phone: _____ Fax: _____ Date: _____ E-Mail: _____
#08	Name of Company: _____ Physical Address: _____ City, State: _____ Contact: _____ GC: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> Phone: _____ Fax: _____ Date: _____ E-Mail: _____
#09	Name of Company: <u>Power Plus Electrical Contracting, Inc</u> Physical Address: <u>10 Janis Drive</u> City, State: <u>Dover, DE 19901</u> Contact: <u>Math</u> GC: YES <input type="checkbox"/> NO <input type="checkbox"/> Phone: <u>302-736-5070</u> Fax: <u>302-736-5120</u> Date: _____ E-Mail: <u>math6337@gmail.com</u>

**Delaware Army National Guard
AASF Electrical Upgrades (Re-Bid)**

76984-13013

Bids Due: **2:00 p.m., September 17, 2015 at**
Delaware Army Nation Guard
Security Officers desk
Main Lobby of the Armed Forces Reserve Center
250 Airport Rd, New Castle, Delaware, 19720

**REGISTER OF BID DOCUMENTS
PLEASE PRINT CLEARLY**

\$ 150.00 per set

<p>CD #10</p>	<p>Name of Company: <u>Superior Electric</u></p> <p>Physical Address: <u>36 Germantown Ave</u></p> <p>City, State: <u>Wilmington DE 19805</u></p> <p>Contact: _____ GC: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>Phone: _____</p> <p>Fax: _____ Date: _____</p> <p>E-Mail: _____</p>
<p>#11</p>	<p>Name of Company: _____</p> <p>Physical Address: _____</p> <p>City, State: _____</p> <p>Contact: _____ GC: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>Phone: _____</p> <p>Fax: _____ Date: _____</p> <p>E-Mail: _____</p>
<p>#12</p>	<p>Name of Company: _____</p> <p>Physical Address: _____</p> <p>City, State: _____</p> <p>Contact: _____ GC: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>Phone: _____</p> <p>Fax: _____ Date: _____</p> <p>E-Mail: _____</p>