



TETRA TECH

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Addendum

Delaware Army National Guard
Wilmington, Delaware
New Washrack System
Army Aviation Support System

Tt Project No. 143-76984-12002

Addendum No. 01
to
Drawings and Project Manual

August 21, 2012

To: ALL BIDDERS

This ADDENDUM forms a part of the BIDDING AND CONTRACT DOCUMENTS and modifies the following documents:
Original DRAWINGS dated July 27, 2012
PROJECT MANUAL dated July 27, 2012, and
Acknowledge receipt of the ADDENDUM in the space provided on the FORM OF PROPOSAL

This ADDENDUM consists of (2) pages and the following:

CLARIFICATIONS:

ITEM 1-C-1 Normal working hours - Monday thru Friday - 7:00 to 4:30. The site will **not** be available for work on the following days:

October 1, 8, 15 and 29, 2012

November 9, 12, 22 and 23, 2012

December 10, 24, 25 and 31, 2012

REISSUED PROJECT MANUAL SECTIONS

SECTION 00 82 13 DELETE original and replace with section attached to this addendum.

PROJECT MANUAL MODIFICATIONS

ITEM 1-C-1: Refer to Section 00 41 13 DEARNG Bid Form

1. Page 1, last sentence, **AMEND** to read as follows:

“ . . . substantial completion of all the work within 90 calendar days of the Notice to Proceed.”

ITEM 1-C-2: Refer to SECTION 01 74 19

1. **DELETE** section in its entirety.

END OF ADDENDUM 01

Attachments:
Prebid Meeting Report
Prebid Sign-In Sheet
Bid Register
Section 00 82 13



- Albany, NY
- Farmingdale, NY
- Ithaca, NY
- Newark, DE
- Princeton, NJ
- Rochester, NY
- Syracuse, NY

Pre-Bid Meeting Record

Meeting Date: Wednesday, August 22, 2012 @ 10:00 a.m.

Publication Date: August 24, 2012

Prepared By: Andrew Coats, P.E.

Attendees:

Bill Davis	DEARNG-FMO
Chris Slicer	DEARNG
Luis Velazquez	DEARNG
Jon Marsh	DEARNG
Charles Warz	Kent Construction
Mary Clark	Schlosser + Associates
Taylor King	George + Lynch, Inc.
Joe Corrado	Greggo + Ferrara
Stacey Bush	Amakor
Bill Davis	Reybold Construction Group, LLC
Jack Barrett	JPC Group, Inc.
Tracy Horan	Tetra Tech
Andrew Coats	Tetra Tech

Additional Distribution: Delaware Contractors Association
Associated Builders and Contractors, Delaware

Tt Project No.: 76984-12002 / DEARNG Contract No.: 08-2012

Regarding: AASF Wash Rack

Item Number	Item	Action
1.	A Mandatory Pre-Bid Meeting for the above referenced project was held in the DEARNG AASF Hanger Building's Conference Room in New Castle, Delaware on Wednesday, August 22, 2012 at 10:00 a.m. Those in attendance are noted above.	
2.	Sealed bids shall be addressed to: Delaware Army National Guard, Joint Force Headquarters, First Regiment Road, Wilmington, DE 19808-2191; ATTENTION: William R. Davis. The outer envelope shall clearly indicate: DEARNG CONTRACT NO. 08-2012 – AASF WASH RACK – 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 Friday, September 7, 2012.	
5.	Documents can be purchased at Tetra Tech's office for a non-refundable \$100 fee per set.	
6.	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.

7. Only plan holders who purchased bid document sets from Tetra Tech will receive ADDENDA.
8. The Project Manual was reviewed in further detail. The following items were discussed:
 - A. Reviewed Bid Form.
 - B. Reviewed Bid Bond.
 - C. No Alternates are included in Project.
 - D. Contractor to acknowledge receipt of all Addendums in Bid Form.
 - E. Subcontractor List was reviewed. All lines are to be completed. If no subcontractor will be used for item, state prime contractor's name next to item.
 - F. Contractors to use Bid Bond form provided in Project Manual. Bid Bonds to be 10% of Bid.
 - G. No Addenda will be issued later than Tuesday, September 4, 2012.
 - H. Bid questions must be submitted in writing to Tetra Tech no later than Friday, August 31, 2012.
 - I. Request for Substitutions must be submitted in writing to Tetra Tech no later than Tuesday, August 28, 2012. No substitution will be allowed after the Bid period.
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.
10. A Site Review of the work area was performed. The following items were discussed in greater detail:
 - A. Requests for additional site visits shall be arranged by calling either Chris Slicer at 302-326-7217 or Luis Velazquez at 302-326-7216. Please give adequate notice so that visits can be coordinated with site/flight activity. Note that the following dates are days off for the Guard: 8/31 and 9/3.
 - B. Within the existing Cold Storage Building, the new electrical conduit shall be run from the panel to the underside of roof deck, and shall continue over the interior masonry wall and come down exterior cmu above where conduit is to run outside building. Note on plans to run conduit along wall and 15 feet above FFE is to be revised.
11. Job Site Requirements
 - A. Contractor 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 daily.
 - B. Allowed construction work hours to be included in Addendum 1.
 - C. Truck access to Project site is through the main gate and then around AASF Hanger Building. 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.

- D. Removable dumpsters will be allowed at project site. Coordinate with DEARNG staff for acceptable lay-down locations and for movement of dumpsters throughout work day.
- E. Concrete is to be removed of legally off-site.
- F. Contractor is responsible for all permitting and fees.
- G. Specification Section 01 74 19 Construction Waste Management shall be reviewed and revised/deleted in future Addendum.
- H. Construction Testing will be required for concrete and soils. Testing will be conducted by a 3rd Party, and the Owner is responsible for obtaining Testing Agency.

End of Pre-Bid Meeting Report

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TETRA TECH

240 Continental Drive, Suite 200, Newark, Delaware 19713

PREBID MEETING SIGN-IN SHEET

DELAWARE ARMY NATIONAL GUARD
BLACK HAWK HELICOPTER WASH RACK CONSTRUCTION

PROJECT NO.: 76984-12002

DATE: August 22, 2012

Name	Company	Physical Address	Telephone	Fax	e-mail
1 Charles C. WARR	First Construction	2 Big Oak Rd Somers DE 19977	(302) 653-6469	(302) 653-2108	www.firstconstruction.co
2 Mary Clark	Schlusser + Associates	2047 Sunset Lake Rd Newark, DE 19703	(302) 738-1333	(302) 738-5692	cjgruber@hotmail.com
3 TAYLOR KING	GEORGE & LYNCH INC	150 LAFFERTY LN DOVER, DE 19901	(302) 736-3031		tking@geolyn.com
4 JOE CORRADO	Greggo + Ferrer	4048 New-Castle Ln New-Castle DE	302-658-5241	302-658-0671	JCGF INC & APL.C
5 Stacy Bush	Amakor	12 Clinton St Be City DE 19700	302 834 8664	8681	Amakor@aol.com
6 Bill Davis	Keyford Construction Group LLC	116 E. Scotland Ave., Beardslee PA 191	302.832.7100 x125	302-392-4491	bdavis@keyford.com
7 JACK BARRETT	JPC Group Inc	228 Blackwood Mansions Rd Blackwood NJ 08012	856-232-0400	856-232-1243	George.M. @JPCgroupinc.com
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**Delaware Army National Guard
Black Hawk Helicopter Wash Rack Construction**

76984-12002

Bids Due: **2:00 p.m., September 7, 2012 at**
DE Army National Guard
Security Officers desk
Main Lobby of Joint Force Headquarters
Sherwood Park II, First Regiment Road
Wilmington, DE 19808-2191

**REGISTER OF BID DOCUMENTS
PLEASE PRINT CLEARLY**

\$ 100.00 per set

<p>#01</p>	<p>Name of Company: <u>JPC GROUP, INC.</u></p> <p>Physical Address: <u>228 BLACKWOOD BARNSBORO RD</u> City, State: <u>BLACKWOOD, NJ 08012</u></p> <p>Contact: <u>JON PRINZ</u> GC: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p> <p>Phone: <u>856-232-0400</u></p> <p>Fax: <u>856-232-1243</u> Date: <u>8/17/2012</u></p> <p>E-Mail: <u>jonp@jpcgroupinc.com</u></p>
<p>#02</p>	<p>Name of Company: <u>KENT CONSTRUCTION CO., INC.</u></p> <p>Physical Address: <u>BRENFORD BLDG, 2 BIG OAK RD</u> City, State: <u>SMYRNA, DE 19977</u></p> <p>Contact: <u>LYNN MADDEN</u> GC: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p> <p>Phone: <u>302-653-6469</u></p> <p>Fax: _____ Date: <u>8/17/2012</u></p> <p>E-Mail: <u>lynn@kentconstructionco.com</u></p>
<p>#03</p>	<p>Name of Company: <u>AMAKOR, INC.</u></p> <p>Physical Address: <u>72 CLINTON ST</u> City, State: <u>DELAWARE CITY, DE 19706</u></p> <p>Contact: <u>STEVE SERBU</u> GC: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p> <p>Phone: <u>302-834-8664</u></p> <p>Fax: <u>302-834-8681</u> Date: <u>8/22/2012</u></p> <p>E-Mail: <u>amakor@aol.com</u></p>

**Delaware Army National Guard
Black Hawk Helicopter Wash Rack Construction**

76984-12002

Bids Due: **2:00 p.m., September 7, 2012 at**
DE Army National Guard
Security Officers desk
Main Lobby of Joint Force Headquarters
Sherwood Park II, First Regiment Road
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PLEASE PRINT CLEARLY**

\$ 100.00 per set

#04	<p>Name of Company: <u>REYBOLD CONSTRUCTION GROUP, LLC.</u></p> <p>Physical Address: <u>116 EAST SCOTLAND DR</u> City, State: <u>BEAR, DE 19701</u></p> <p>Contact: <u>BILL DAVIS</u> GC: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p> <p>Phone: <u>302-832-7100</u></p> <p>Fax: <u>302-392-4491</u> Date: <u>8/22/2012</u></p> <p>E-Mail: <u>bdavis@reybold.com</u></p>
#05	<p>Name of Company: <u>GREGGO & FERRARA, INC.</u></p> <p>Physical Address: <u>4048 NEW CASTLE AVE.</u> City, State: <u>NEW CASTLE, DE 19720</u></p> <p>Contact: <u>JOE CORRADO</u> GC: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p> <p>Phone: <u>302-658-5241</u></p> <p>Fax: <u>302-658-0671</u> Date: <u>8/23/2012</u></p> <p>E-Mail: <u>jcgfinc@aol.com</u></p>
#06	<p>Name of Company: <u>GEORGE & LYNCH, INC.</u></p> <p>Physical Address: <u>150 LAFFERTY LANE</u> City, State: <u>DOVER, DE 19901</u></p> <p>Contact: <u>TAYLOR KING</u> GC: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p> <p>Phone: <u>302-420-6280</u></p> <p>Fax: _____ Date: <u>8/23/2012</u></p> <p>E-Mail: <u>tking@geolyn.com</u></p>

STATE OF DELAWARE

DIVISION OF FACILITIES MANAGEMENT

SECTION 00 82 13 - ADDITIONAL GENERAL CONTRACTING REQUIREMENTS

PART 1 GENERAL

1.01 GENERAL PROVISIONS

- A. APPLICABLE PROVISIONS of the entire Project Manual including Addenda shall govern this Section as fully as if repeated herein.

1.02 BIDDING AND CONTRACT DOCUMENTS

- A. Reference to specific sections of Bidding and Contract Documents further herein will be by Section number only.

1.03 WORK INCLUDED

- A. Briefly, and without force, it is the intent of this Project Manual and of the accompanying drawings that this Contractor shall provide the following:
1. Partial demolition of the existing AASF exterior concrete slab on grade apron and installation of new concrete slab on grade Wash Rack with associated water supply connection. In addition, project involves installing new storm and sanitary piping and associated sump pit, pump, and valves and above-ground oil/water separator, as well as OWS supporting slab on grade and a connex container storage area.

1.04 SECURITY

- A. All wall openings must be secured and weather-proofed at the end of each work day.
- B. The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with work. They shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury or loss to:
1. All employees on the work and other persons who may be affected thereby.
 2. All work, materials and equipment to be incorporated therein.
 3. Other property at the site or adjacent thereto.
- C. The Contractor shall comply with all applicable laws, ordinances, rules, regulations and orders of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. All damage or loss to any property or building materials shall be remedied by the Contractor no matter how such damage or loss is caused.

1.05 MAJOR SUB-CONTRACTORS

- A. Refer to the Bid Form for the listing of Sub-Contractors and Addresses.
- B. For simplicity, all sub-contracts and sub-contractors will be referred to further herein as Contracts and Contractors respectively.

1.06 DRAWINGS AND SPECIFICATIONS

- A. It is the intent of the specifications and drawings to include under each item all materials, apparatus and labor necessary to properly install, equip, adjust and put into perfect operation the respective portions of the installations specified and to so interconnect the various items or sections of the work as to form a complete and properly operating whole.
- B. Any apparatus, machinery, small items not mentioned in detail which may be found necessary to complete or perfect any portion of the installations in a substantial manner and in compliance with the requirements stated, implied or intended shall be furnished without extra cost to the Owner. This shall include all materials, devices or methods peculiar to the machinery, apparatus or systems furnished and installed by the Prime Contractor or any sub-contractor.
- C. In referring to drawings, figured dimensions take precedence over scale measurements. Discrepancies must be referred to the Engineer for decision. Each Contractor shall certify and verify all dimensions before ordering material or commencing work.
- D. Any work called for in the specifications but not mentioned or shown on the drawings, or called for in the drawings but not mentioned in the specifications, shall be provided as though called for in both.
- E. When any device or part of equipment is referred to herein in the singular number, such as "the pump", such reference shall be deemed to apply to as many such devices as required to complete the installation.
- F. The term "Provide" shall mean "Furnish and Install". Neither term will be used generally in these specifications, but will be assumed. The term "Furnish" shall mean to obtain and deliver on the job for installation by other trades.

1.07 CONTINUITY OF SERVICES

- A. Continuous operation of basic services of these facilities during the construction is mandatory. This specifically includes space heating, steam and condensate piping, telephone, storm sewer, domestic hot and cold water services, electrical services, and all security systems.
- B. No action shall be taken by these Contractors that will interrupt any of the existing building services or systems unless previous arrangements have been made five (5) days in advance with the Owner or an authorized representative.

- C. Should any Contractor inadvertently interrupt any service, they shall immediately furnish all labor, including overtime, material and equipment necessary for prompt restoration of such service and/or system at no additional cost to the Owner.

1.08 METHOD OF PROCEDURE

- A. The drawings accompanying these specifications are diagrammatic and intended to cover the approximate and relative location of all material, equipment and systems.
- B. Installation, connection and interconnection of all components of these systems shall be, complete and made in accordance with the manufacturers' instructions and best practices.
- C. Each Contractor shall erect all parts of equipment to be furnished by them under their contract at such time and in such manner as not to delay or interfere with other Contractors on the job.
- D. All piping and conduit shall be plugged as required during construction to prevent entrance of dirt and other foreign objects.
- E. Before material is ordered or any work performed, each Contractor shall verify all measurements, including lines, grades, pipes, and conduit work elevations at the building and shall be responsible for the correctness thereof. No extra compensation will be allowed on account of differences between actual dimension and measurements and those indicated in the Contract Drawings. Any discrepancies discovered shall be submitted to the Engineer for consideration before proceeding with the work.
- F. Each Contractor shall lay out their work and be responsible for the establishment of heights, grades, etc., for all interior piping, and conduit, etc., included in Contract Documents, in strict accordance with the intent expressed thereby; and all the physical conditions to be met at the building and finished grade, and shall be responsible for accuracy thereof. The establishment of the location of all work shall be performed in consideration of the finished work. In case of conflict, equipment shall be relocated without cost to the Owner, as directed by the Engineer, regardless of which equipment was installed first.
- G. Each Contractor shall cooperate with other Contractors for the proper securing and anchoring of all work included within these specifications. Extraordinary care shall be used in the erection and installation of all equipment and materials to avoid any damage of the work of other Contractors, as each Contractor will be held financially responsible for all such injury caused by the lack of precaution and due to negligence on the part of their workers.
- H. All piping, conduit and other mechanical and electrical materials and equipment mounted below ceilings are to be kept as close to ceiling as possible unless otherwise noted.

1.09 RESPONSIBILITY FOR DAMAGE AND CARE OF STATE PROPERTY

- A. The Contractor in the performance of this Contract will be held financially responsible for any damage to the grounds, buildings, or equipment caused by them, their subcontractors or employees, or other persons engaged in the performance of the Contract.

- B. Every reasonable effort shall be made by workmen to proceed with the work as described in these specifications in a manner accepted in trade circles as the highest level of workmanship. The successful bidder for this work shall be responsible for all damage to other work caused by his workmen or through the neglect of his workmen on the site.
- C. Workmanlike care shall be expected at all times in performing the work. It shall be the responsibility of the successful bidder to repair or replace all damaged property, the damage for which they or anyone working under his direction is responsible.

1.10 MATERIALS AND EQUIPMENT

- A. All materials and equipment shall be new and shall conform to the grade, quality and standards specified herein.
- B. All equipment offered under these specifications shall be limited to products regularly produced and recommended for service ratings in accordance with engineering data or other comprehensive literature made available to the public and in effect at the time of opening of bids.
- C. Items such as valves, motors, starting equipment, vibration isolating devices, and all other equipment and material, where applicable and practicable, shall each be of one manufacturer.
- D. Equipment shall be installed in strict accordance with manufacturers' instructions for type and capacity of each piece of equipment used. The Contractors shall obtain these instructions which will be considered part of these specifications. Type, capacity and application of equipment shall be suitable and shall operate satisfactorily for the purposes intended.

1.11 FASTENINGS AND CLAMPS

- A. Bolts with expansion shields shall not be used as anchor bolts.
- B. All fastenings, clamps and anchors shall be of type made for purpose intended, as follows:
 - 1. Metal expansion shields and machine screws for solid masonry.
 - 2. Lag screws or bolts for wood or material of similar fibrous nature.
 - 3. Screws with wooden or plastic plugs or lead caulking anchors are not acceptable.

1.12 CLEANING

- A. Each Contractor and/or Sub-Contractor who is responsible for execution of individual sections of work shall be responsible for the following:
 - 1. Removal of all lumber, refuse, metal, piping and debris resulting from their work to an on-site location as determined by the Prime Contractor.
 - 2. Cleaning drippings resulting from their work, etc., from finished work of other trades.

3. Cleaning, polishing, waxing of their work as required.

B. After testing and acceptance by the Engineer, each Contractor shall thoroughly clean all material and equipment involved in their Contract to the satisfaction of the Engineer.

1.13 PROTECTION

A. Exercise every precaution to exclude dust, dirt and all other foreign materials from rooms during construction.

B. All openings in pipes, fittings, conduit, and all other materials shall be effectively sealed to exclude dirt, sand and other foreign materials.

C. Exercise every precaution to exclude dust, dirt, and all other foreign materials from switchgear rooms, relays, meters and transformer and mechanical equipment rooms during construction. All relays, meters and mechanical equipment contained with electrical components shall be protected with heavy paper held in place with approved mastic tape to exclude fine dust and particles.

1.14 EQUIPMENT DEVIATIONS

A. Refer to SUBSTITUTIONS Article of Section 00 10 00

B. Where Prime or Sub-Contractors propose to use an item of equipment other than that specified as the standard of design and construction or detailed on drawings, the provisions of this referenced article shall apply.

C. Where such approved deviation requires any changes of the structure, partitions, foundations, piping, wiring, or any other part of the Mechanical, Electrical or General Construction Design Documents, all re-design and any new drawings and detailing required therefore, shall with the approval of the Engineer, be prepared and executed by the Contractor at their own expense.

D. All alternate and/or substitute prices shall include the cost of all items affecting the work of all other trades.

1.15 GUARANTEE

A. All material, equipment and workmanship provided by each Contractor shall be in first class operating condition in every respect at time of acceptance by Owner. Acceptance by the Owner shall be by letter to this effect written to each Contractor.

B. Each Contractor shall unconditionally guarantee in writing all materials, equipment and workmanship for a period of two (2) years from date of acceptance by Owner. During the guarantee period each Contractor shall repair or replace, at their own expense, any materials, equipment or workmanship in which defects may develop and they shall also provide free service for all equipment and systems involved in their contract during this guarantee period.

- C. Guarantee shall also include restoration to its original condition of all adjacent work that must be disturbed in fulfilling this guarantee.
- D. All such repairs and/or replacements shall be made without delay and at the convenience of the Owner.
- E. Guarantees furnished by Sub-Contractors and/or equipment manufacturers shall be counter-signed by the related Contractor for joint and/or individual responsibility for subject item.
- F. Manufacturers' equipment guarantees or warranties extending beyond the guarantee period described above shall be transferred to the Owner along with the contractor's guarantees.

1.16 AS-BUILT DRAWINGS

- A. During the course of the work, maintain a record set of drawings on which shall be marked the actual physical location of all piping, valves, equipment, conduit, feeders, outlets, access panels, controls, actuators, etc., including all invert elevations.
- B. Include all Addendum items, response to RFI's (field directives), change order items and underground obstructions.
- C. At project completion, obtain a clean set of prints and AutoCAD 2006/2010 CD'S from the Engineer. Make a set of reproducibles. Neatly transfer all the recorded as-built information on to the reproducibles and AutoCAD 2006/2010 CD.
- D. Provide five (5) prints of these reproducibles, one (1) set for the State Archives, and one (1) set along with the reproducibles themselves and AutoCAD 2006/2010 CD's to Owner. In addition, attach one (1) complete set of prints to each of the Operating and Maintenance Instructions.

END OF SECTION 00 82 13