

ADDENDUM NO. 1
BUFFALO NIAGARA INTERNATIONAL AIRPORT
UPGRADE CATODIC PROTECTION-FUEL FARM
NFTA PROJECT NO. 15BF0711
BID NO E-432R
MAY 11, 2011

TO ALL BIDDERS:

The following additions, deletions, and/or changes or clarifications to the drawings, specifications and bidding documents for this project, shall become and are hereby made apart of the Contract Documents. They change the original documents only in the manner and to the extent stated. Each bidder shall acknowledge receipt of the **ADDENDUM** in the appropriate location on the bid proposal form.

This **ADDENDUM** consists of **one (1) page plus one (1) attachment consisting of meeting minutes, sign in sheet, and changes to Project Manual.** All requirements of the original Specifications and Drawings, Addendum No. 1 shall remain in force.

THE PURPOSE OF THIS ADDENDUM IS TO CHANGE THE FOLLOWING ITEMS:

PRE-BID MEETING MINUTES

1. See attached meeting minutes

PROJECT MANUAL:

1. Invitation to Bid, fifth paragraph: **DELETE** "BID NO. E-432" and **SUBSTITUTE** therefore "BID NO. E-432R".
2. Article 54 Insurance, page 67: **DELETE** "Excess Liability/Umbrella form, \$14,000,000.00" and **SUBSTITUTE** therefore "Excess Liability/Umbrella form, \$3,000,000.00".
3. Specification 335243 section 2.3.A After "lug style" **ADD** "or wafer style to match existing"

END OF ADDENDUM NO.1

E. Timothy Coughlin, LEED
C&S Engineers, Inc.



C&S Companies
499 Col. Eileen Collins Blvd.
Syracuse, NY 13212
p: (315) 455-2000
f: (315) 455-9667
www.cscos.com

MEETING MINUTES

TO: Those in Attendance
FROM: E. Timothy Coughlin 
RE: BNIA UPGRADE CATHODIC PROTECTION-FUEL FARM, PROJECT 15BF0711
FILE: 136.028.001
DATE: MAY 23, 2011

ATTENDEES

Dennis Lupp
Paul Pfeiffer
Dan Graber
Andrew Adams
Diane Byas
Norm Queeno
Jeff Pittner
Linda Yafanaro
Richard T Maner
Nicole Sarage-Scamar
Richard Valenti
E. Timothy Coughlin

REPRESENTING

NFTA
NFTA
NFTA
NFTA
NFTA
NFTA
NFTA
Corpro Companies
O'Connel Electric
Nature's Way Environmental
VTI
C&S Engineers

A Pre bid Meeting for the above referenced project was held on May 12, 2011 at 10:00

The following Items were discussed during the Pre-bid meeting:

- Bid due date Tuesday May 31 @ 2PM
- All bidders need to be registered online at nftaengineering.com. All clarifications and addendums will be posted and explained on this site. Bidders should review the site for any changes (clarifications and addendums) as emails of changes may be blocked by spam filters. Furthermore the site will have all documents which can be downloaded and can be used for submittal of bids.
- Any issues with the website they should contact John Blazer 716-855-7649

- Project is a New York State prevailing wage project.
- There is an excessive liability umbrella insurance requirement of 14 million dollars mentioned, the umbrella limit will be revised in Addendum #1.
- Security mandates badging of personnel which requires a background check, fingerprinting and attending a class offered on Wednesdays 9:00am to 11:30am, a fee (\$50) is required.
- MBE participation is encouraged.
- Addendum will be issued Tuesday May 24th
- Exothermic welding will require scheduling with aviation fuel farm personnel (no product flow while welding) and purging of the vapor recovery line with nitrogen, prior to exothermic welds on the pipe. Additionally, the Airport Fire Control will need to be informed and cleared for to exothermic weld activity to proceed. A safety plan shall be submitted and approved prior to exothermic welding.
- Pressure testing shall take place after exothermic welds are in place, and after valves and charging stations have been installed
- Standard work hours are typical however the contractor may choose to work four (4) - ten (10) hour days if desired - NO premium rates shall apply.
- The area has buried electrical conduit, fuel piping, and fiber optic cables Care needs to be exercised during the construction. Verify buried utilities located in planned excavation areas and hand dig around buried utilities.
- Scheduling and prior notice is required for the facility prior to performing work on piping. Particularly for installation / reworking of receiving / dispensing pipes to accommodate the revisions. A minimum of two (2) weeks' notice is required.
- All receiving island actuators have been serviced and should be fully operational prior to the upgrade work. The actuators will be turned over to the contractor during construction.
- The staging area was noted as being on the south side of the roadway to the east of the tank farm. Height restrictions were also mentioned as well as security restrictions.

- It was noted (in the tank farm area) the need to retain the integrity of the of the clay imperviable barrier for containment. Discussed identifying the limited depth to bedrock as well as the need to position the anodes in a horizontally (rather than the present vertical) position.
- Handles on valves need to be color coded. Black Valve (Jet-A), Blue Valve (AV gas 100L) and Red Valve (MO gas). Some 3" valves are wafer rather than lug style, provide matching valve style to existing.

These meeting minutes represent our understanding of the items discussed at the meeting. Any additions, corrections, and/or clarifications to the Meeting Minutes should be directed to Tim Coughlin, C&S Engineers.

NFTA Sign-in Sheet

Pre-bid Walkthrough

NFTA Project: BNA - Upgrade Cathodic Protection - Fuel Farm

NFTA Project Number: 11BF0711

NFTA Bid Number: E-432R

Date: Thursday May 12, 2011 10:00AM

Name	Company	Phone	Email
LINDA YACANARO	ROCHESTER COMPANIES INC	380 7825 508 a	lyacanaro@rochpro.com
Dennis Lupo	NFTA	855-7375	DENNIS.LUPO@NFTA.COM
Jim Cozzetta	C&S	315 785-4210	TECHNICAL@CS&S.COM
ANDREW ADAMS	NFTA - MGR. OF CONST.	855-7380	ANDREW - ADAMS@NFTA.COM
RICHARD T. MANKE	O'Connell Electric	585-924-2116	RICHARD, MANKE@OCONNELLELECTRIC.COM
RICHARD VALENTI	VTI	315-391 0821	RDVALENTI@VTI-INC.COM
Paul Pfeiffer	NFTA	865-7455	PAUL-PFEIFFER@NFTA.COM
DAVID STANLEY	NFTA	632-1490	DAVID-STANLEY@NFTA.COM
Nicole Savage-Saman	Nature's Way Environmental	937-6527	naturesw@rochester.ny.com

Invitation to Bid

The Niagara Frontier Transportation Authority ("NFTA") will receive bids on a general contract for the **BNIA – Upgrade Cathodic Protection – Fuel Farm, Project No. 15BF0711**.

The Contract Documents will be available to bidders on May 2, 2011.

The contact person for this procurement is Dennis Lupp, P.E., LEED-AP, Project Manager, at (716) 855-7375 (telephone), (716) 855-7447 (fax) or Dennis_Lupp@nfta.com.

The Contract Documents may be examined in the 7th Floor Conference Room, 181 Ellicott Street, Buffalo, New York 14203 or on the NFTA's Engineering Branch website at www.nftaengineering.com. Online registration is required to become a Plan Holder and obtain Contract Documents. Copies of the Contract Documents are available for \$25.00 and may be requested from Judy Reeves at 716-855-7342 or fax 716-855-7447 or downloaded from the NFTA's Engineering Branch website. Requests may be accompanied by certified check, cashier's check or postal money order drawn in favor of the NFTA. This sum is non-refundable. The Contract Documents may be picked up or sent via courier billed to the requester.

Bids will be accepted either in offline (paper) or online (electronic) versions. Offline bids should be submitted in an opaque sealed envelope to the Engineering Branch on the 7th floor of the MTC. The lower left hand corner should be marked as follows: BID NO. **E-432R**. Online bids should be submitted in accordance with the process outlined on the NFTA's Engineering Branch website. All bids will be opened and read aloud on May 31, 2011, at 2:00 PM at the Metropolitan Transportation Center ("MTC"), 7th Floor Conference Room, 181 Ellicott Street, Buffalo, New York 14203. Bids received after the date and time specified above for bid opening shall not be opened and/or considered for award.

A pre-bid Meeting will be held on May 12, 2011 at 10:00 AM at the BNIA Fuel Farm (275 Aero Drive, Buffalo, NY). Please meet at the parking lot. On-site parking is very limited.

The NFTA reserves the right to waive irregularities, to reject any or all bids and to extend the bidding period.

Bid security must accompany each bid and must be in an amount not less than ten percent of the total bid price if the base bid exceeds \$50,000.00. Bid security may be submitted prior to bid opening either electronically utilizing Surety2000 at www.surety2000.com, or delivered to the NFTA in an opaque sealed envelope. Details for electronic submission are provided on the NFTA's Engineering Branch website. In the event a bidder utilizes an offline bid but provides bid security electronically the electronic bid bond number must be submitted with the offline bid.

The Contractor shall perform not less than 50% of the work with its own forces. Contractor shall employ an individual or firm as his Corrosion Consultant to supervise the installation and test of the cathodic protection system upgrades. Refer to Technical Specifications for additional information.

The time of completion for the project is 150 calendar days after receipt of the Notice to Proceed.

Liquidated damages in the amount of \$500.00 per calendar day will be assessed against the Contractor for its failure to complete the project within the time specified.

The use of DBE participation is encouraged by the NFTA.

occurrence with a \$2,000,000.00 aggregate. The certificate shall name the NFTA as an additional insured.

If any motor vehicle is used in the Work, Auto Liability insurance covering bodily injury and property damage with a minimum combined single limit of \$1,000,000.00. The certificate shall name the NFTA as an additional insured.

Workers' Compensation and Employer's Liability in accordance with the applicable laws of the State of New York.

Excess Liability/Umbrella form, **\$3,000,000.00**.

The insurance coverage provided by subcontractors shall be written with insurance companies authorized to do business in New York State. The policies shall provide for a thirty day notice to the NFTA prior to termination, cancellation or change.

Article 55. NFTA Prompt Payment Rules and Regulations

The following prompt payment rules and regulations set forth provisions which are intended to improve relationships between the NFTA and its contractors, vendors and all those providing services or supplies through contractual relationship with the NFTA. These rules and regulations are promulgated consistent with directives set forth in section 2880 of the Public Authorities Law.

1. Definitions. As used in these rules and regulations, the following terms shall have the following meanings unless the context shall indicate another or different meaning or intent:
 - (a) "NFTA" means the Niagara Frontier Transportation Authority and its subsidiary corporations.
 - (b) "Contract" means an enforceable agreement entered into between the NFTA and a contractor.
 - (c) "Contractor" means any person, partnership, private corporation or association:
 - (i) selling materials, equipment or supplies, or leasing property or equipment to the NFTA;
 - (ii) constructing, reconstructing, rehabilitating or repairing buildings, highways or other improvements for or on behalf of the NFTA; or
 - (iii) rendering or providing services to the NFTA pursuant to a contract.
 - (d) "Designated payment office" means the office designated by the NFTA to which a proper invoice is to be submitted by a contractor.
 - (e) "Prompt payment" means payment of a debt due and owing by the NFTA before interest accrues thereon pursuant to these rules and regulations.
 - (f) "Proper invoice" means a written request for a contract payment that is submitted by a contractor setting forth the description, price and quantity of goods, property, or services delivered or rendered, in such form and supported by such other substantiating documentation as the NFTA may reasonably require.
 - (g) "Receipt of an invoice" means
 - (I) the date on which a proper invoice is actually received in the designated payment office, or

PART 2 - PRODUCTS

2.1 GENERAL REQUIREMENTS FOR VALVES

- A. Valve Pressure and Temperature Ratings: Valves shall be 150# class
- B. Valve Sizes: Same as upstream piping unless otherwise indicated.
- C. Valve Actuator Types:
 - 1. Gear Actuator: For butterfly valves.
 - 2. Locking Handlever: For ball valves
- D. Valve-End Connections:
 - 1. Butterfly Valves: Lug Style API 609
 - 2. Threaded: With threads according to ASME B1.20.1.

2.2 STAINLESS STEEL BALL VALVES

- A. Three-Piece, Full-Port, Stainless Steel Ball Valves with Stainless Trim:
 - 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Apollo valves as manufactured by Conbraco.
 - b. Flow-Tek, Inc.; a subsidiary of Bray International, Inc.
 - c. Nibco.
 - d. Approved equal.
 - 2. Description:
 - a. Standard: MSS SP-110.
 - b. SWP Rating: 150 psig.
 - c. CWP Rating: 1500 psig.
 - d. Body Design: Three piece.
 - e. Body Material: ASTM A351-CF8M.
 - f. Ends: Threaded.
 - g. Seats: PTFE or TFE.
 - h. Stem: 316 SS
 - i. Ball: 316 SS.
 - j. Port: Full.

2.3 STAINLESS STEEL, HARD SEATED, TRIPLE-OFFSET BUTTERFLY VALVES

- A. 150 CWP, lug style or wafer style to match existing, metal seated gear operators. Valves shall have zero leakage, bubble tight closure rating and be compatible with Jet A fuel :