

ADDENDUM #1
CONTRACT DOCUMENTS – Augusta Mill Place Water Project - Phase A – ACSA ITB #1725
Addendum Date: May 29, 2014
Bid Due/Open Date: Tuesday June 3, 2014 2:00 P.M. (unchanged)

General Information:

1. The attached minutes of the Pre-Bid Conference held on May 20, 2014 are an integral part of the Contract Documents.
2. It is anticipated that there will be no direct involvement by state or federal funding agencies.
3. See attached plan holder's list.
4. See attached FAA correspondence.
5. Clarification: No pipe insulation on inlet or outlet piping is required.
6. Clarification: No SCADA equipment is required.
7. Clarification: No specific containment method is specified. Contractor shall utilize containment appropriate for project conditions.
8. Clarification: No logo on tank exterior is required.
9. Clarification: Contractor qualification data to be submitted with Bid shall include completed Section 00450 and information required in Paragraph 1.4.A, Section 13210.
10. Clarification: Additive Bid Site Work shall include all items shown on C01 except tank and associated pipe, and unbolded water line. This includes access road and appurtenances, E&S, fence & gate, concrete flume, and gravel apron. Base and Alternate Bids shall include bolded pipe and valving to the extent shown on C01, grading necessary to construct foundation and structure, and any temporary site work within the fence line needed prior to completion of tank structural work.
11. Clarification: Where Additive Bid No. One is not accepted, Bidders may assume access road will be completed to the proposed fence line within 40 days of Contract Award, remainder of site work inside fence line will be coordinated with tank Contractor but will not commence until after tank structural work is completed, and fence installation schedule will be coordinated with tank Contractor.
12. Clarification: Inlet and outlet pipe expansion joints may be located at lower end of the vertical sections.
13. Clarification: Shop priming of steel is permitted, provided coatings manufacturer is in agreement.
14. Clarification: Roof rail diameter for both styles tank shall be 15'.

Changes to Contract Documents:

1. Revised Bid Form Section 00410 is attached. Revised Bid Form must be used for bidding.
 - a) Alternate Bids added for 750,000 gallon composite and spheroid elevated tanks.
 - b) Additive Bid added for antenna mounting provisions, as follows:

Provide labor, materials, equipment and installation necessary for future antenna and cabling. This work includes the following:

-Six (6) 4-inch diameter pipe penetrations (with caps) in the support structure, located approximately two feet above the top of foundation.

-Six (6) 4-inch diameter pipe penetrations (with caps) in top and bottom of the access tube.

-Suitable brackets attached to the inside of the support structure and access tube to safely secure future antenna cables. Bracket spacing shall not exceed 8 feet.

-A 42" high handrail with top rail, intermediate rail, and toeboard. Handrail shall be 20' diameter and centered around the tank access tube roof hatch. The handrail shall also provide an attachment point for the antenna(s). Additive Bid handrail shall be in lieu of handrail otherwise specified in Bid Documents.

-Structural design of the entire structure shall incorporate roof-installed antenna equipment exposed area of 110 SF and weight (distributed) of 1,000 lb.

c) Additive Bid for Cathodic Protection System - fixed amount \$10,000 or as adjusted up or down by Change Order. If accepted by Owner this Item will be utilized to pay for cathodic protection system. Such cost shall be provided by Contractor based on specification developed by Engineer after Contract Award.

2. Contract Documents are revised such that the (16) PVC conduits through the slab are not required. (See Additive Bid Item described above.)
3. Contract Documents are revised such that ladder rest seats shall be of the climb-through type and sized 42" x 48".
4. Contract Documents are revised such that the 16" gate valve on the outlet line just beyond the support column, as shown on C03, is not required.
5. Contract Documents are revised such that the 16" x 12" tee called for at the base of the outlet pipe shall be centered 4'-6" above floor and a 16" gate valve shall be installed just beneath the 16" x 12" tee.
6. Contract Documents are revised such that slight access hatch dimensional variances will be acceptable. Minimum inside diameter for circular personnel hatch shall be 30".
7. Contract Documents are revised such that the gravel apron around the tank shall extend inward to the tank support column and outward to the furthest of tank drip line or as indicated on Sheet C01.
8. Contract Documents are revised such that the ladder safety rail shall be TS Products Stainless Steel Safety Rail as manufactured by French Creek Production.
9. Contract Documents are revised such that the minimum interior dimensions for concrete vault (Note 12, C01) are 13'-0" x 9'-0". Vault shall include drain to grade, and depth shall be sufficient to maintain 42" cover over pipes. Alternately, with adequate clearance for maintenance access, control valves may be installed above grade inside pedestal.
10. Contract Documents are revised such that the spheroid tank personnel door shall have dimensions 48" x 80". If these dimensions are not adequate to accommodate all control valve equipment, the vault must be used.
11. Contract Documents are revised such that roof plates shall be minimum 1/4" thickness. Roof plates shall be fully seal welded both sides.
12. Contract Documents are revised such that dimensional variations, including support column diameter, tank diameter, and head range will be acceptable. Maximum allowable head range shall be 40'.

13. Contract Documents are revised such that late evening and weekend work shall be permitted provided Owner is reimbursed at a rate of \$40 per hour for RPR time in excess of 40 hours per week, and special inspections and/or testing will occur only during normal working hours as defined at GC 00710-6.02.

14. Contract Documents are revised such that liquidated damages for late Substantial Completion shall be \$1,000 per day and liquidated damages for late Final Completion shall be \$500 per day.

15. Contract Documents are revised such that a slab floor in lieu of a dome floor is acceptable for the 500,000-gallon composite elevated tank.

16. Contract Documents are revised such that the first sentence of Item 5 in Section 00450 shall read "List of three most recent elevated tank construction contracts".

17. Contract Documents are revised such that interior and vault ductile iron pipe shall be shop primed with final field coating dark blue for potable water and gray for drain and overflow. Coating Tnemec N69 or approved equal. Pipes to be field labeled with white stencil as directed by Engineer.

18. Contract Documents are revised such that access road shall be 12 feet width.

END OF DOCUMENT

PREBID CONFERENCE AGENDA
ACSA Augusta Mill Place Water Project - Phase A
May 20, 2014 10:00 A.M.
Tank Site - Mill Place Parkway - Verona, VA
(Added Information in Italics)

1. Introduction

a. Sign-up Sheet (***Attached***)

b. Agenda Distributed

c. Contacts:

Owner: Augusta County Service Authority
William Monroe, PE – Director of Engineering

Engineer: Peed & Bortz, L.L.C.

Questions to: Martin Jansons, PE

Phone #: (540) 394-3214

Fax #: (540) 394-3215

Email: martin1@peed-bortz.com

d. Site Visit

2. Scope of Work

Elevated nominal 500,000-gallon composite water storage tank, control valves, and appurtenances, to be located southeast of Mill Place Parkway near Verona, Virginia.

Alternate Bids for spheroid design, and 1,000,000-gallon tanks. Additive Bid for site work.

3. Schedule

a. Bids will be received at the office of:

William Monroe, PE
Augusta County Service Authority
P.O. Box 859
18 Government Center Lane
Verona, Virginia 24482

until 2:00 PM local prevailing time June 3, 2014, and then publicly opened and read aloud at said office.

b. Construction Time:

Substantial Completion Deadline: 480 calendar days

Final Completion Deadline: 510 calendar days

- c. Liquidated Damages
Substantial Completion: \$500/day
Final Completion: \$1,000/day
(It was noted these values are reversed - Addendum will correct)

4. Bid Form

- a. Work is bid as Lump Sum Price Bid Item.
- b. Bid Form must be accompanied with Bid Bond security in the form of Bid Bond or Certified Check. Type to be indicated on Bid Form
- c. Refer to Document 00200 – Instructions to Bidders.

5. Qualification Statements

To demonstrate qualifications to perform the work, each bidder **shall submit with Bid** written evidence, such as financial data, previous experience, present commitments and other such data as may be called for in these Contract Documents. Section 00450 of the Contract Documents shall be used for this purpose.

Experience List - A completed contracts summary, **to be submitted with Bid**, shall demonstrate a minimum of ten years experience in the design and construction of Composite Elevated Tanks. Contractor shall list a minimum of five completed Composite Elevated Tanks of similar capacity. Provide the location, capacity, Owner's name and contact information, Engineer's name and contact information and year completed. Failure to provide this information shall be cause for rejection of the Bid.

6. Insurance and Bonds

- a. Bid Bond – Each Bid must be accompanied by Bid security made payable to the Owner in an amount of five percent of the Bidder's maximum Bid Price and in the form of a certified or bank check or a Bid Bond (on Document 00430 or similar form) issued by a surety meeting the requirement of Paragraph 5.02 of the General Conditions.
- b. Document 00620 - Standard Labor and Material Payment Bond, Document 00610 - Performance Bond – Paragraph 5.01 of the General Conditions. When the successful Bidder delivers the executed Agreement to Owner, it must be accompanied by the required performance and payment Bonds. Performance and Payment bonds shall be separate and each in the amount of the contract.
- c. Insurance Required – Section 00800 of the Contract Documents outlines the insurance requirements for this project. Certificates of Additionally Insured are required.

- d. Bidders Responsible to Obtain Complete Sets of Documents – Copies of the Contract Documents may be obtained as noted in Advertisement for Bids. Documents obtained online may not be used for Bidding. Bidders must acknowledge all Addenda on Bid Form.

7. Property
Work will be performed within existing County property.

8. Inspection and Approval
Owner will provide daily inspection for the project. Engineer will conduct monthly Progress Meetings, approve payment applications as applicable, and visit site as required.

9. Comments and Questions:

(-Please clarify - are interior pipes to be painted and not insulated?)

(-Recommend stone apron around tank be extended inward to support column.)

(-Please clarify - will access road price be used to evaluate Award?)

(-Please clarify - is SCADA included in any Bid Item?)

(-Can area outside 200' x 200' lot be utilized for laydown?)

(-Recommend wider access road with larger stone.)

END OF DOCUMENT



Mail Processing Center
 Federal Aviation Administration
 Southwest Regional Office
 Obstruction Evaluation Group
 2601 Meacham Boulevard
 Fort Worth, TX 76193

Aeronautical Study No.
 2014-AEA-1477-OE

Issued Date: 04/02/2014

Martin Jansons, PE
 Peed & Bortz, LLC
 20 Midway Plaza Dr. #100
 Christiansburg, VA 24073

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Water Tank Mill Place Elevated Water Tank
 Location: Staunton, VA
 Latitude: 38-11-01.17N NAD 83
 Longitude: 79-00-47.07W
 Heights: 1365 feet site elevation (SE)
 175 feet above ground level (AGL)
 1540 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

This determination expires on 10/02/2015 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (817) 321-7755. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2014-AEA-1477-OE.

Signature Control No: 211037601-212587969

Debbie Cardenas
Technician

(DNE)

Bid Form

Project Identification: Augusta Mill Place Water Project - Phase A
Contract Identification and Number: 14-10

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ARTICLE 1 - BID RECIPIENT

1.01 This Bid Is Submitted To:

Augusta County Service Authority
Attn: William Monroe, PE
P.O. Box 859
18 Government Center Lane
Verona, Virginia 24482

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in the Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS

2.01 Bidder accepts all of the terms and conditions of the Advertisement and Instructions to Bidders, including without limitations those dealing with the dispositions of Bid security. The Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged.

<u>Addendum No.</u>	<u>Addendum Date</u>
<u>One</u>	_____
_____	_____
_____	_____

B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and is satisfied as to all Federal, State, and local Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in SC-4.02, and (2) reports and drawings of a Hazard Environmental Condition, if any, which has been identified in SC-4.06.

E. Bidder has obtained and carefully studied (or accepts the consequences for not doing so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by the Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.

F. Bidder does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.

G. Bidder is aware of the general nature of the Work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.

I. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.

J. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

K. Bidder will submit written evidence of its authority to do business in the State where the Project is located not later than the date of its execution of the Agreement.

ARTICLE 4 - FURTHER REPRESENTATIONS

4.01 Bidder further represents that:

A. This Bid is genuine and not made in the interest of or on the behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation;

B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

D. Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner.

ARTICLE 5 - BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

BASE BID

TOTAL LUMP SUM PRICE BASE BID - 500,000 GALLON COMPOSITE ELEVATED TANK

(USE WORDS) \$ _____

ALTERNATE BID NO. ONE

TOTAL LUMP SUM PRICE ALTERNATE BID - 500,000 GALLON SPHEROID ELEVATED TANK

(USE WORDS) \$ _____

ALTERNATE BID NO. TWO

TOTAL LUMP SUM PRICE ALTERNATE BID - 1,000,000 GALLON COMPOSITE ELEVATED TANK

(USE WORDS) \$ _____

ALTERNATE BID NO. THREE

TOTAL LUMP SUM PRICE ALTERNATE BID - 1,000,000 GALLON SPHEROID ELEVATED TANK

(USE WORDS) \$ _____

ALTERNATE BID NO. FOUR

TOTAL LUMP SUM PRICE ALTERNATE BID - 750,000 GALLON COMPOSITE ELEVATED TANK

(USE WORDS) \$ _____

ALTERNATE BID NO. FIVE

TOTAL LUMP SUM PRICE ALTERNATE BID - 750,000 GALLON SPHEROID ELEVATED TANK

_____ \$ _____

(USE WORDS)

ADDITIVE BID NO. ONE

TOTAL LUMP SUM PRICE ADDITIVE BID - ALL SITE WORK INCLUDING ACCESS ROAD, DRAINAGE, AND EROSION & SEDIMENT CONTROL PROVISIONS

_____ \$ _____

(USE WORDS)

ADDITIVE BID NO. TWO

TOTAL LUMP SUM PRICE ADDITIVE BID - ANTENNA MOUNTING PROVISIONS

_____ \$ _____

(USE WORDS)

ADDITIVE BID NO. THREE

TOTAL LUMP SUM PRICE ADDITIVE BID - CATHODIC PROTECTION SYSTEM

Ten Thousand and 00/100 Dollars \$10,000.00

(USE WORDS)

ARTICLE 6 - TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with paragraph 14.07.B of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the work within the Contract Times.

ARTICLE 7 - ATTACHMENTS TO THIS BID

7.01 The following documents are attached to and made a condition of the Bid:

A. Required Bid security in the form of a Bid Bond (EJCDC No. C-430) or Certified Check (circle type of security provided);

B. Contractor Qualification Statement (Sec. 00450) and information per Section 13210 Paragraph 1.4.A.

ARTICLE 8 - DEFINED TERMS

8.01 The terms used in this Bid with the initial capital letters have the meanings indicated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 - BID SUBMITTAL

9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____
(SEAL)

By: _____
(Individual's signature)

Doing business as: _____

A Partnership

Partnership Name: _____
(SEAL)

By: _____
(Signature of general partner -- attach evidence of authority to sign)

Name (typed or printed): _____

A Corporation

Corporation Name: _____
(SEAL)

State of Incorporation: _____
Type (General Business, Profession, Service, Limited Liability): _____

By: _____
(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____
Attest _____

(Signature of Corporate Secretary)
Date of Qualification to do business in Virginia is ___/___/___

A Joint Venture

Name of Joint Venture: _____

First Joint Venture Name: _____
(SEAL)

By: _____
(Signature of joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Second Joint Venture Name: _____
(SEAL)

By: _____
(Signature of joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is party to the venture should be in the manner indicated above.)

Bidder's Business address:

Business Phone No. (____) _____

Business FAX No. (____) _____

Business E-Mail Address _____

State Contractor License No. _____ (If applicable)

Employer's Tax ID No. _____

Phone and FAX Numbers, and Address for receipt of official communications, if different from Business contact information:

9.02 Bid submitted on _____, 20__.

NOT FOR BIDDING