

PREBID CONFERENCE MINUTES (NON-MANDATORY)
Three Springs Water Treatment Plant
Finished Pumping Station
Rockingham County Offices
January 9, 2018 10:00 A.M.

Order of Business

Review of Agenda

Questions and Comments

Site Visit – 3275 Three Springs Rd, McGaheysville, VA22840

1. Introduction

a. Sign-up sheet.

b. Agenda distribution.

c. Identification of Owner and Engineer.

1.) Engineer: Peed & Bortz, LLC
Russell Jackson, PE
(540) 394-3214

russell@peed-bortz.com

2.) Owner: Rockingham County
Philip Rhodes, Director of Public Works (540) 564-3020
Mark Hensley, Utilities & Landfill Supervisor (540) 578-1133
Tim Harris, Chief Operator (540) 578-1139

2. Scope of Work

Construction of a new masonry pump station building, installation of Owner provided vertical turbine pumps, furnishing and installing fluoride feed equipment, and all other materials and work. The County is procuring the vertical turbine pumps for the project directly from suppliers under separate contract. County will also directly contract with integrator for SCADA Finished Water Station RTU. General Contractor is responsible for instrumentation specified in Section 16900. *Equipment provided by SCADA integrator is limited to Products specified in Paragraphs 2.2 and 2.3 of Section 16900. General Contractor is responsible for all other materials specified in that section, including the power monitor and instrumentation.*

Funds for this project are being provided by Rockingham County (local).

3. Scheduling

Bid Opening: Bids will be received by Justin Moyers, Deputy Director of Finance, at:

Rockingham County Finance Department
20 East Gay Street
Harrisonburg, VA 22802

until **2:00 PM** local prevailing time on **Thursday January 25, 2018**. Bids shall be publicly opened and read aloud at said office at 2:00 PM local prevailing time on **Friday January 26, 2018**.

Award of Contract: County will make an award as soon as possible.

Construction Time: Contractor agrees that the Work will be substantially complete within **180** calendar days after the date when the Contract Times commence to run as provided in paragraph 2.03 of the General Conditions, and completed and ready for final payment in accordance with paragraph 14.07 of the General Conditions within **210** calendar days after the date when the Contract Times commence to run.

Liquidated damages are indicated in the Agreement to be **\$500** for each day past Substantial Completion deadline and **\$250** dollars per day exceeding Final Completion deadline.

Owner's agreement with pump supplier will indicate that pump suction cans shall be delivered to Owner with 6 weeks after submittal approval, and pumps shall be delivered to Owner within 14 weeks from date of submittal approval. Pump purchase order expected to be issued at same time as construction contract award.

4. Bid Form

Bid will be Lump Sum.

5. Qualification Statement

To demonstrate qualifications to perform the work, each bidder must be prepared to submit within five days of Owner's request written evidence, such as financial data, previous experience, present commitments and other such data as may be called for in these Contract Documents. Qualification Statement is not required with Bid, but may be requested by Owner following Bid opening. Each Bid must contain evidence of Bidder's qualification to do business in the state where the project is located or covenant to obtain such qualification prior to award of the contract. Please see Section 00450 of the Contract Documents for the required information.

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 form attached or similar form) issued by a surety meeting the requirement of Paragraph 5.1 of the General Conditions.

- b. Standard Labor and Material Payment Bond – Paragraph 5.1 of the General Conditions. When the successful Bidder delivers the executed Conditions and the Supplementary Conditions set forth Owner’s requirements as to Agreement to Owner, it must be accompanied by the required performance and payment Bonds.
- c. Performance Bond – Paragraph 5.01 of the General Conditions. When the successful Bidder delivers the executed Conditions and the Supplementary Conditions set forth Owner’s requirements as to Agreement to Owner, it must be accompanied by the required performance and payment Bonds.
- d. Insurance Required – Section 00800 of the Contract Documents outlines the insurance requirements for this project.
- e. Copies of the Contract Documents may be obtained at the office of Peed & Bortz, LLC upon payment of \$250 for each set. One-half of the deposit will be refunded to each document holder of record who returns a complete set of Bidding Documents in good condition within 10 days after opening of Bids. All Bidders must purchase official complete sets of Contract Documents. Documents obtained online or via other sources shall not be used for bidding.

7. Property, Easements, and Existing Utilities

- a. Property – Project will be constructed on existing treatment plant site shown on Plans.
- b. Utilities – Contractor is responsible for contacting Miss Utility and for locating all underground utilities prior to construction.
- c. Permits required for this project:
 - 1.) Rockingham County Building Permit – permit shall be obtained by the Contractor. Permit Fee is anticipated to be waived by County.

8. Staking of Work

- a. Work areas will be staked by the Contractor and approved by the Owner and Engineer before starting any construction.

9. Inspection & Testing

- a. On-site inspection will be provided by Owner.

- b. The Contractor will furnish an Owner approved testing agency for soil and concrete testing services for this project in accordance with the specifications.

10. Right-of-Way Work

- a. Traffic Control – Not anticipated.

11. Materials

- a. All materials required to construct this project are listed in the Specifications.
- b. Vertical turbine pumps are being provided by Owner.

12. Special Conditions

- a. Underground Utilities – The Contractor will contact Miss Utility and the appropriate utility companies and have utilities field located prior to construction. Location of existing facilities will be determined by the Contractor far enough in advance of construction to provide for modification in design if required. If damage to utilities occurs during construction, the Contractor will report the damage immediately to the Owner and the utility company. Repairs will be at the Contractor's expense if damage is determined to be due to Contractor error, negligence or Contractor is otherwise at fault. Previously abandoned utilities are shown on the plans, and may be removed by contractor during construction.
- b. Record Drawings – The Contractor will maintain Record Drawings as revisions are made. The working set of record Drawings will be reviewed by the Owner and Engineer at the monthly progress meetings. The Contractor will submit to the Engineer at the Final Completion inspection, record drawings of the project. The Engineer will provide Contractor with one set of reproducible plan sheets upon request. Record drawing will include one legible set of drawings upon completion of construction. As part of the record drawings, the Contractor will provide all geotechnical testing results regarding the project. Final payment will not be paid until suitable "Record Drawings" are provided to the Engineer.
- c. OSHA Requirements – The Contractor will be responsible for complying with all OSHA requirements including all excavation, pipe installation and backfilling in accordance with the OSHA Excavation Standards 29 CFR Part 1926, Subpart P. The Contractor's responsibility also extends to providing a "Competent Person" as defined by the OSHA regulation referenced above on the job site.
- d. Sequence of Construction – Refer to Sheet C01 of the Plans regarding full sequence and switchover from existing station to new station.

13. Comments/Questions/Miscellaneous:

- a. Geotechnical – Geotechnical borings were not performed for the finished water station site. Three borings were previously performed in 2003 for the 2.0 MG concrete clearwell on site. Copies of these bore logs will be made available in Addendum #1
- b. Fluoride Storage Tank and Sump – Bid plans show existing chemical storage tank being relocated to new station and a concrete sump constructed for containment. It is expected that this will be revised in Addendum #1 to note that contractor shall provide a new double wall tank and sump will be deleted. Revision will note that Fluoride Room floor will be constructed at the same elevation as remainder of the building, drain with mud valve will be deleted, and handrail will be deleted. Basis of Bid double wall storage tank will be 1,000 gallon PolyProcessing tank. Local representative for Poly Processing is Gerry McAtavey with Daparak, Inc. (540-904-1063), who also represents the specified Grundfos chemical metering pumps.
- c. *Question: Please confirm locations of 16” site valves.*
Response: Contractor shall install one 16” gate valve on the discharge line at the point of connection to the existing 16” discharge line. Contractor shall also install a second 16” gate valve on the suction line from the clearwell at the point of connection.
- d. *Question: Please clarify the scope of work to be performed by the SCADA Integrator (services being contracted separately by Owner) and those of the General Contractor .*
Response: Equipment provided by Owner (SCADA Integrator) is limited to Products specified in Paragraphs 2.2 and 2.3 of Section 16900. General Contractor is responsible for all other materials specified in that section, including the power monitor and instrumentation. General contractor is also responsible for the finished water mag meter. General contractor shall install all electrical equipment except for the SCADA RTU. General contractor shall also install all power and signal wiring and conduit to RTU location. Wire terminations at RTU shall be made by SCADA Integrator.
- e. *Question: Can excavated material be disposed of onsite?*
Response: Excavated soil may be disposed of onsite, provided that it is reasonably blended into existing grade areas with suitable top soil at surface. Owner will work with contractor to identify suitable areas. Demolished concrete, steel, and piping shall be hauled from site and disposed of at County landfill. County will pay tipping fee for landfill disposed material.
- f. *Question: Please confirm that contractor is responsible for providing Variable Frequency Drives.*
Response: That is correct. General Contractor is responsible for Variable Frequency Drives and associated equipment.
- g. *Question: Please clarify location of existing electrical junction box where power wiring to new building/station will be connected.*
Response: The electrical junction box is located on the wall of the existing finished water station, near the generator. Location is labeled on the “Station Site & Piping Detail” on Sheet C01 of the plans.

- h. *Question: Please address vault labeled as “To BeRemoved” on Sheet C01 near the proposed finished water station.*
Response: The vault has previously been removed by the Owner.
- i. *Question: Please address nature of abandonment of existing finished water station.*
Response: The existing station and equipment will be left in place. Contractor shall remove existing power wiring from the exterior junction box (where new power wiring is being connected) to the abandoned pump drives. No other demolition work will be performed at the existing station.
- j. *Question: Please provide a contact for the anticipated SCADA Integrator.*
Response: Valley Automation is anticipated to perform the SCADA RTU work at the new finished water station. Greg Kempfer was present at the Prebid, and his contact information is included on the attached Prebid Conference Attendance List.
- k. *Question: Is concrete encasement required for buried power feeder conduit.*
Response: Concrete encasement is not required.

PREBID CONFERENCE ATTENDANCE LIST

Three Springs Water Treatment

Finished Pumping Station

Rockingham County Offices

January 9, 2018 10:00 A.M.

NAME:	REPRESENTING:	PHONE & FAX	EMAIL
GARY WALKER	ALVAREZ CONTRACTORS	301-662-5283 4955	gwalc@frontier.com
GREG KEMPFER	VALLEY AUTOMATION INC (C & I)	(540) 810-5285	gkempfer@valleyautomation.net
Ben Brown	Valley Automation Inc	(540) 860-6104	Bbrown@valleyautomation.net
Joe Hubble	Waco, Inc.	540-962-5161	jhubble@wacoinc.net
JOHN LITTLETON	LITTLETON & ASSOC.	540-962-0595	LITTLETONANDASSOC@AOL.COM
MIKE BAMBER	WOOD EQUIPMENT Co.	O: 804-798-8844 C: 540-597-7235	mbambo@woodequip.com
Jason Showalter	Varney INC	Office: 540-795-2992	jshowalter@varneyinc.com
Zack Sanborn	Lantz	540-896-8911 540-896-6502	zsanborn@lantzcc.com
Nateana Bynaker	Lantz Const.	540-896-8911 540-896-6502	nbynaker@lantzcc.com
Larry Hedrick	Lantz Const.	540-896-8911 540-896-6502	lhedrick@lantzcc.com
MICHAEL HATCHER	STONEHILL CONST	540-810-6516	michael@stonehill4va.com
MIDCOM MILLER	ANDERSON CONS	434-239-4913	mmiller@ANDERSONCONST.COM
John Morris Jr.	Allen Yoho Electrical, Inc.	540-280-8015	john.morris@alkeyco.com
PHILIP RHODES	ROCKINGHAM COUNTY	570-564-3020 540-564-3048	prhodes@rockinghamcountyva.gov
Justin Moyers	Rockingham County	(540) 574-6002	Jmoyers@rockinghamcountyva.gov
RUSSELL JACKSON	PEED & BORTZ	(540) 394-3214	russell@peed-bortz.com