

Board of Supervisors

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May 8, 2014

BID #513142

ADDENDUM #2

The following information is provided for Bid #513142 for the Construction of Claiborne Run Pump Station Generator. All prospective Bidders are hereby advised to make the changes to the Bid Documents in their possession as follows:

General:

1. This Addendum is hereby made a part of the Contract Documents issued to modify, alter, revise or explain the original drawings and/or specifications. The content of this Addendum will take precedence over the original instruments and shall be bound with the specifications.
2. All Bidders shall acknowledge the receipt of this Addendum in the space provided on Page 00300-2 of the Bid Form.

The purpose of Addendum #2 is to provide minutes to the pre-bid meeting held on April 29, 2014 and to answer questions received prior to the deadline set of May 6, 2014 at 5:00 pm. A copy of the pre-bid meeting minutes is attached and made part of this Addendum.

Questions:

Q1: 16010 29. Schedule of Values item 17. Fuel Polishing System. The fuel conditioning unit is listed in Carter Machinery's proposal section D. Is the fuel polishing system also referred to as the fuel condition unit Carter Machinery is providing to the jobsite?

A1: Yes, "fuel polishing system" is synonymous with "fuel conditioning system".

Q2: Regarding the Claiborne Run project, what is the anticipated NTP? When will the Owner purchased generators and fuel tank be available for installation?

A2: Stafford County has up to 90 days to award the project. The date of the notice to proceed will be determined by the County after the decision to award or not award is made. The owner purchased equipment is currently located at Carter Machinery's shop (tank and generators) or at another location in Stafford County (fuel conditioning system). Carter Machinery is responsible for transport and delivery of equipment to the site. The equipment in Stafford County's possession will be transported by the County to the site. The Contractor is responsible to coordinate a date for delivery and for unloading the equipment delivered on site.

Q3: Part 3.1 A. of Section 16620 says that the generators (no mention of the tank) are located at the Stafford County Aquia STP and that the contractor is responsible for rigging and transporting the units to the Claiborne Run site. Please clarify.

A3: See Answer 2 above.

Q4: Demolition Note 2 on C4.0 says, "Remove concrete pad & relocate generator with temp. connection". Section 01010 Part 1.02 A. says, "Owner will remove the existing generator and all electrical piping...". Does the existing generator need to be relocated on site? If not, is the Owner responsible for removing the generator from the site?

A4: The Contractor is responsible for relocating the generator on site and providing a temporary connection so that back up power can be provided for the duration of construction. At the completion of construction, the Owner will be responsible for removing the generator from the site.

Q5 What permits are required for the project?

A5: Please refer to the attached Pre-Bid Meeting Minutes

Q6: Section 15191 Part 3.07 A. says to paint exposed, exterior metal piping, valves, and piping specialties. Drawing P2.0 shows all fuel piping being heat-traced, insulated, and jacketed. Does the fuel piping system require painting?

A6: Yes, painting is required for the fuel system piping, including the piping enclosed in the insulated jacket.

END OF SECTION

PRE-BID MEETING MINUTES
 APRIL 29, 2014
 BID #513142

Attendees:

Name	Organization	Phone	Email
Jason Towery	Stafford County	540-658-4232	jtowery@staffordcountyva.gov
Mike Larson	Draper Aden Associate	804-264-2228	mlarson@daa.com
Joe Hayes	Engineers Plus	804-501-0845	jhayes@engineers-plus.com
Sudip Umachigi	WC Spratt Inc	540-373-2002	Sudipu@wcsprattinc.com
Sam Sullivan	Anderson Construction	434-239-4913	wdaderson@anderson.com
Jason Tinsley	ICSE Inc	804-550-5770	jtinsley@icseinc.com
Mark O'Sullivan	Godwin Pump	804-798-6600	Mark.osullivan@xyleminc.com
Phill Denton	Crowder Construction	919-630-5295	pdenton@crowdercc.com
Kevin Parris	Dominion Engineers	540-710-9339	kparris@dea-inc.net

- Project team introduction
- Bid Date and Addendum deadline
 - Addendum 1 was issued on April 28 to include sheets that were not uploaded originally.
 - Bid Opening Date is Tuesday, **May 13, 2014** at 2:00 pm at the Stafford Purchasing Office, 1300 Courthouse Road, Stafford, VA.
 - Questions will be accepted until Tuesday, **May 6** at 5:00 p.m.
 - Final Addendum (if issued) issued via the electronic plan room on Friday, **May 9**.
 - All questions must be received **in writing** addressed to:
 Mike Larson P.E. – Draper Aden Associates
 Email: mlarson@daa.com
 - Questions will be answered through addenda. Any verbal answers will not be considered official.
 - Questions received after the May 6 deadline may be evaluated and if they are substantial enough as determined by the Engineer and Owner, the Bid date may be extended.
 - Questions from the pre-bid meeting will be addressed Addendum #1.
- Scanning of documents
 - Official Plan Holders may transmit data to subcontractors and suppliers for the purpose of developing their own bid by any means they see fit, however they assume all risk in transferring complete documents.

- Information for Bidders
 - Submit one original and 3 copies of the Bid Form.
 - Successful bidder shall perform at least 75 percent of the Work with forces that are in the direct employment of the Contractor's organization.
 - Contractors shall be a Licensed Class A contractor.
 - Owner has up to 90 days to award project. Bidder shall guarantee the prices quoted in his Bid for this period of time.
- Bid Form
 - Contract will be awarded based on the lowest lump sum price.
 - Include as a part of the Bid the following documents: 5% bid security or bid bond, small and minority business data form, reference list, and W-9 form.
- Funding
 - Project is funded by County funds, no special funding agency requirements apply
- Project Meetings
 - Shall be conducted monthly at location to be determined.
- Submittal Procedures
 - Submit all shop drawings to Stafford County who will forward them to Draper Aden Associates.
- Clarifications
 - Concrete and soil testing costs to be performed by a testing contractor selected by the Owner. The contractors shall be Dominion Engineering Initial tests will be paid for **by the Owner**.
 - Contractor shall coordinate with Dominion Engineering to schedule materials testing, special inspections for structural work, compaction, and biofilter construction in accordance with all Stafford County requirements.
 - It was noted that the biofilter material must be purchased from one of the suppliers on the Stafford County Public Works approved supplier list.
 - Electronic CAD files can be provided to the Contractor pending signature of a release form.
 - There will not be a new power service from Dominion Power on this project.
 - The Contractor is required to provide fuel for testing and a full tank of fuel prior to turning over the project to the Owner.
 - The County will pick up the old generator from the site.
- Permits
 - Stafford County land disturbance permit – by Contractor
 - Stafford County retaining wall, electrical and other building permits permit – by Contractor
 - VSMP permit obtained by Owner. Contractor shall appoint a certified Responsible Land Disturber (RLD) who will be responsible for inspecting and maintaining all erosion and control measures.
 - A SWPPP has been prepared and will be made available to the Contractor when awarded.
 - VDOT permits are not required
- Description of project
 - This project includes installation of Owner-supplied generator and fuel tank equipment that will support a future pump station upgrade.

- A list of equipment is provided in the Appendix. The submittals have been approved and the equipment is currently in storage. The Contractor shall coordinate delivery of the equipment to the site (delivery of fuel tank and generator is in the scope of Carter Machinery). The Contractor is responsible for unloading the equipment on the site. The day tank and fuel conditioning system are in the possession of Stafford County and will be delivered by the County.
- Although submittals have been approved for the fuel conditioning system, fuel tank, and generator, it is the responsibility of the contractor to confirm dimensions.
- Discussion of Fuel Piping requirements – Joe Hayes
 - Fuel tank, day tanks and fuel conditioning unit are owner provided and contractor installed.
 - All piping is schedule 40 black steel with socket welded fittings.
 - Paint piping
 - Piping is heat traced per note bottom left corner of Sheet P2.0
 - Insulate piping with 1” Elastomeric Insulation and cover with 0.01” Aluminum Jacket
 - Piping Supports are all Stainless Steel w/Stainless Steel hardware.
 - Piping routing shown is diagrammatic; arrange piping to minimize tripping hazards.
 - Pipe can be racked vertically.
 - Support per piping notes.
- Discussion on electrical requirements - Joe Hayes

Specification Sections

1. Specification section 16010 Electrical General Conditions: Para.7G, no substitutions accepted after award of contract because it is not fair to other contractors that bid on the project and substituted products cheaper and lower on quality.
2. Specification section 1611 Conduit and Fittings: Emphases on providing all steel fittings, no cast fittings allowed. Consideration toward PVC coated conduit over bitumastic coating on rigid steel conduit where exposed to earth.
3. Specification section 16190 Supporting Devices: Emphases on all stainless steel hardware.
4. Specification section 16450 Grounding: Emphases on utilizing 20 ft. sectional rods. For more effective grounding and using the test method as specified.
5. Specification section 16461 Dry Type Transformer: Emphases on energy efficient, low sound level transformer.
6. Specification section 16429 and 16620 Generator and Paralleling controls. Emphases on all final connections supervised by Caterpillar representative. All fuel by contractor.

Drawings

1. Contractor should provide electrical drawings and book specifications to their vendors for purchasing materials.