

VVTA RFP 2020-06 BARSTOW CNG STATION UPGRADE ADDENDUM NO. 4

Monday, May 11, 2020

This addendum is provided to all known prospective proposers for clarification of the subject Request for Proposal (RFP).

The following were questions posed during the Pre-Proposal Conference and Job Walk held on Wednesday, April 29, 2020:

Q1: "Is this a Federally Funded project?"

A1: No.

Q2: "Section 3.08 of the Scope of Work call up High Pressure Leak Testing. Per (sic) ASME Code B3101 Listed in this Scope: The Testing called up reads a nitrogen charge of 110 percent of the respective working pressure for 30 minutes. This is incorrect.

"The Code B31.3 Calls for a pressure test of 110 percent of the design pressure... The design pressure for this system must be 5500 PSIG which is the relief valves setting at the 'Maximum Allowable Working Pressure' per the Code B31.3 and not the respective working pressure which could be anything below 4950 PSIG and not approved for testing."

Please confirm the design pressure for this system.

A2: Lines that are protected by relief valves set to lower pressures, such as 4,500 PSIG that supply the dispensers, may be tested to 110% of that pressure, since that is the design pressure for those lines. However, the awarded contractor will be responsible for final engineering.

Q3: "... the pressure ½" tube is .065 Wall SS Seamless, this is marginal for this pressure rating and can only reach the capacity if minimum wall ASME Grade 213." Please confirm.

A3: The table under note 16 on sheet G-002 as well as the Tube & Pipe Schedule on sheet D-601 call for ½" SS tubing to have a wall thickness of .070". However, the awarded contractor will be responsible for final engineering.

Q4: "I would like to know the gen set is powered? Is diesel, CNG, gasoline, etc.?"

A4: The genset is to be fueled by natural gas. See sheet D-601, including detail 2, and notes 14 and 15 for additional information.

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Q5: "...is this for backup or what kind of runtime is expected?"

A5: Per scope note 3.J on sheet D-002 and detail 2 on sheet D-601, the genset is intended to be standby/backup only.

Q6: "... Is CA Sales tax and shipping to be included in the bid?..."

A6: No.

Q7: "Concerning the schematic print provided D-601 Key D and Key E ¾" stainless tube 0.070 wall outside of panel doesn't not reach the ability for 5500 PSIG internal pressure to meet the requirements for this project." Please confirm.

A7: Agreed. See the table under note 16 on sheet G-002 for correct .104" wall thickness for ¾" SS tubing. However, the awarded contractor will be responsible for final engineering.

Q8: "Have you specified a certain Genset?"

A8: Preliminary sizing indicates a 400kW power rating for the genset. However, the contractor is responsible for verifying the required power rating and may determine a different requirement, as needed to meet the load requirements for all loads and the existing and upgraded facility. The awarded contractor will be responsible for final engineering. Further, the genset shall include a rain-tight enclosure and shall be manufactured by Caterpillar, Cummins/Onan, Generac, Kohler, or as approved in writing by the Owner.

Q9: "Will VVTA provide CAD As-Builts?"

A9: The DWG CAD files provided by the design-build contractor of the original LCNG facility in 2005 (at the conclusion of construction) will be provided to the awarded contractor for this project. Additionally, DWG CAD files for the preliminary plan drawings (G-101, D-101) for the current procurement will also be provided.

Q10: "Will the Design Build contractor be responsible for coordinating Electrical?"

A10: Yes. See drawing note 8 on sheet D-101. VVTA has done preliminary coordination with Southern California Edison (SCE.)

Q11: "Has VVTA already contacted SCE?"

A11: Yes.

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Q12: "Is the Design Build contractor responsible for final SCE Coordination?"

A12: Yes, with VVTA participation as needed. Also see reply to question 9.

Q13: "Is there any requirement to keep the system online?"

A13: There will be an allowance for site to be down. Also see answer to question 14.

Q14: "How long is the allowance?"

A14: VVTA uses the site for the fueling of its buses which run service 7 days per week. VVTA also has customers who use the facility for fueling. VVTA, the awarded contractor, and VVTA customers will have to coordinate the closure to ensure that none of the businesses who depend on this station will have to be without an alternative location for fueling. The allowance has been minimal, such as 24-36 hours over a weekend.

Q15: "Would you accept one primary meter?"

A15: Only if it approved by the gas Utility.

Q16: "The Scope of Work requires two meters?"

A16: Yes. One for the Gen Set and one for the Natural Gas – in order for VVTA to claim the credits allowed, reporting needs to correctly show for both meters. If the gas utility approves of a consolidated meter (even though the uses of gas and tariffs for CNG fuel and genset fuel may be different) and if segregated tracking of gas consumption for the two uses can be done, such as by a sub-meter to the genset, one meter may be provided.

Q17: "Is there work on the LNG System?"

A17: Connecting the Start Control of the existing LNG/LCNG system by the new CNG controller and intercepting the LCNG discharge and storage as shown on sheet D-601 will require some work. Otherwise, no modification to the LNG process system is required.

Q18: "Doesn't this require a shade or a canopy for the electronic (?) gear?"

A18: Please include the cost on your proposal for the proposed covering. This cost should be shown as an additive alternate and should be turnkey, to include footers and grounding. NOTE: Provide air conditioning with all new electrical gear, as required for the gear to work in ambient temperatures of up to 120°F.

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A copy of the Pre-Proposal Job Walk sign-in sheet is attached to this addendum.

All other terms and conditions of the RFP remain the same.

As stated in the RFP, all addenda must be acknowledged. Please use Attachment H of the RFP to acknowledge receipt of this addendum. Failure to acknowledge any addenda to this RFP may be cause to deem Bidder "Non-Responsive."

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