

CNG Refueling Station Request For Proposals (14-31)

Questions Regarding the Proposal

Question: Given the size and scope of this RFP, as well as our desire to provide a comprehensive and accurate proposal, we respectfully request a bid date extension be considered.

Answer: The due date of the Proposal has been extended to August 29, 2014.

Question: Does the word "station" mean the entire site? Are filters to be changed on the dryer and at the dispensers in addition to the compressor?

Answer: Station is intended to mean all equipment, piping and electrical on the site to fuel a vehicle with CNG. All filters in the station are to be changed—this would include the dryer, compressors, dispensers and any other filters.

Question: Is a Cold Weather Package required on the dryer to allow safe regenerations at temperatures at or below freezing? If so, should it be shown as an option?

Answer: The proposer should review the climate records in the Eastern NC area and determine if this package will be necessary. If the contractor determines that the package is necessary, they should show the cost as an option.

Question: Can you please confirm if an enclosure heater is needed at this location in North Carolina?

Answer: This is only required if the compressor package requires heat to operate in NC climate. You will be getting an immersion heater in the crankcase and there is a requirement that this be circulated using the pre-lube pump so you really shouldn't require a space heater.

Question: If required, bidder would like to propose a CATCO gas heater; is this acceptable?

Answer: This would be acceptable for a space heater but as per above comment, not required by spec unless the packager thinks they need it.

Question: As a remote filter panel is requested, is the specified extended pit required or can the standard dispenser pit be used?

Answer: A standard pit is acceptable if it provides the required space to install and maintain all equipment.

Question: Please confirm if a single filter panel; installed at the priority panel is acceptable, or if one panel is required at each dispenser, as the site plan has yet to be developed?

Answer: The proposers are to supply one filter cabinet per dispenser (3 in total) located on the islands in lockable stainless steel cabinets. Each cabinet will house 3 filters (one for each bank). The approximate size of each cabinet will be 60" x 60" x 24". All filters for all dispensers are standardized to Parker J6 or equal (this is a small change from the specification). No additional filters inside the dispenser or dispenser pit are required. Lockable isolation ball valves are required upstream of the filters in the cabinet. Gauge style drain valves are required on each filter bowl.

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Question: There is a full specification section for the generator (18560) but there is no section on the bid forms to include this cost. Please advise where this cost should be placed.

Answer: A line item has been added to the CNG Equipment bid forms to reflect the generator.

Question: The fuel management system is to be specified in Phase 2. Are we to include an allowance in Phase 1 to furnish and install a typical system?

Answer: Yes, the fuel management system is to be specified in Phase 1.

Question: We are not a grant writing organization, can you provide guidance?

Answer: Provide this in your proposal, and note if any Grants are available for the owner to obtain.

There is a specific calculation that GUC is using that does not match the requirement in a later section (18520 – CNG Compressor Package). Our calculations show specific fueling needs of 134 DGE in a ten minute period; yields a total of 1,849 SCFM per compressor with a total site capacity of 850 SCFM There is a discrepancy concerning the calculations with what is required. Please review and Clarify.

Answer: The station is also to have 35,000 scf of storage available with approximately a 30% yield available, please include this in your calculations.

Question: What are the requirement's, lengths, etc. for the fuel transfer hose.

Answer: The specifications for the fuel transfer hoses are listed in Division 18 Section 18540 – CNG Gas Control, Storage, and Dispensing Equipment. The length of the hose shall be sized to adequately fill the specified vehicles.

Question: Could a diesel generator be provide in lieu of natural gas, as an alternative in the interest of cost Savings?

Answer: No, a natural gas generator must be provided.

Question: What is the existing SCADA system? Need to insure compatibility.

Answer: GUC runs a GE Proficy 5.5 System

Question: If all stainless steel piping is used, should cathodic protection be needed?

Answer: If the contractor uses any carbon steel on the inlet of the station and/or underground it shall be cathodically protected.

Question: Is there a soils report available?

Answer: Not at this time. Refer to Section 02350 of the specifications defining the Contractors responsibilities for obtaining soil and geotechnical information for the site.

Question: Does the natural gas line need to be moved to the site?

Answer: Yes, GUC will install the natural gas service.

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Question: If yes, is the proposer responsible for moving the line?

Answer: See above.

Question: The RFP says the site is 24'-28' ASL, and the equipment needs to be protected from flooding. How much of an elevation is adequate to protect the equipment? I have read the storm floods range from 3' to 11'.

Answer: It shall be the responsibility of the contractor to determine the flood protection at this site.

Question: Assuming this station is to be public, do you have any anticipated fuel volume figures you could share?

Answer: All anticipated fuel volumes are located in Division 19 Section 18000 – General.