

## ITB # 201816 – Raw Water Pump Station Generator

### Questions & Answers

- Q1. Do the fuel tank and generator become property of the contractor once removed?  
A1. Yes, all materials indicated to be demolished and removed become property of the Contractor.
- Q2. Is the transfer switch the same?  
A2. Yes
- Q3. Is the fuel tank registered with the State?  
A3. Yes
- Q4. What is the acceptable window between 4-hour shutdowns?  
A4. At least 24 hours.
- Q5. What is the best time of year for a shutdown?  
A5. Winter
- Q6. Will an E&S permit be required by Warren County?  
A6. Not to our knowledge since the disturbed area is less than 10,000 SF.
- Q7. Will references and similar projects be required?  
A7. Yes, fill out the Contractor Qualification Data Sheet in the front end of the project manual.
- Q8. Is existing tank monitoring equipment to remain?  
A8. No
- Q9. Any other third-party inspections required?  
A9. Yes, but minimal.
- Q10. Any area available for storage or a trailer?  
A10. Yes. Contractor can coordinate with the Plant Superintendent.

Q11. Who supplies the fuel?

A11. The contractor. Temporary fuel storage and supply is required in accordance with notes on Sheet G-1. The existing fuel tank has fuel in it that may be recovered and used for this purpose. Fuel for the new tank is address is Section 16620 Para 3.01 B which states "The initial filling of the fuel storage tank shall be provided by the Contractor. Fuel tank shall be filled to its full capacity. At the conclusion of all field testing, the Contractor shall fill the fuel storage tank back to its full capacity. Fuel shall be ultra-low sulfur diesel Grade No. 2D S15 in accordance with ASTM D-975. Fuel shall be new and free from contaminants and water."

Q12. Is existing fuel low-sulfur diesel?

A12. Yes

Q13. What is the maximum outage for temporary power?

A13. Not more than 4 hours. The sequence of construction requires the new generator to be installed and tested prior to removing existing generator.

Q14. Is the 200A electrical service existing?

A14. Yes

Q15. Is load bank testing included?

A15. Yes – see section 16620 of the Specifications.

Q16. Will the contractor need to bring in a temporary generator for the final cutover?

A16. The new generator should be fully operational prior to final tie-in. Use of a temporary generator would be considered Contractor's means and methods.

Q17. The specification does not include a spill bucket on the fill – it only says it needs to be 2" with an overflow prevention valve. It is highly recommended to have a spill bucket on the fill to keep things clean and contained.

A17. At this time, the City will not be requiring this as part of the project. The Contractor may choose to add one at their discretion.

Q18. What is the reason for having a secondary fuel tank outside of a sub-base tank? Any reason that portion can't be omitted for a revised configuration?

A18. Upon contract award, proposed substitutions may be submitted by the Contractor and reviewed by the Owner and Engineer in accordance with Article 6.05 of the General Conditions and Paragraph 1.05 of Section 01300, Submittals. We cannot review proposed substitutions at this time. Should the bidder want to consider this option, a deduct bid item has been added to the bid form.

- Q19. Is the piping between the fuel oil tank and the generator supposed to be underground or above ground? Is the pipe specified to be double-wall?
- A19. Piping may be installed above or below grade. Containment shall be provided for all fuel oil piping in accordance with Section 15480 Paragraph 2.05. C.
- Q20. Who is responsible for replenishing used fuel during a power outage?
- A20. The City is responsible for fuel used during non-scheduled electric utility disruptions. The Contractor is responsible for fuel used during scheduled shut-downs.
- Q21. Was there an investigation done to verify whether or not the soil around the tank is contaminated?
- A21. No.
- Q22. Contract documents indicate that an electrical contractor is desired as the prime contractor. Would that be grounds for bid rejection if the prime was not an electrical contractor?
- A22. As long as the applicable information is provided on the Contractor Qualification Data Sheet, and the City finds it acceptable, it will not be grounds for rejection.
- Q23. Can you clarify what information needs to be provided in the short circuit coordination studies?
- A23. Requirements for short circuit studies are listed in Section 16055 Paragraph 2.01.C.