

ITB # 201901 – Strothers Lane Tank

Questions & Answers

- Q1. When will the demo occur – before or after the new?
A1. Demolition of the existing tank must occur before construction of the new because they are in the same general location.
- Q2. What is the anticipated timeline for the demo - spring/summer/fall 2019/2020?
A2. Selected contractor will need to provide a detailed schedule prior to starting construction.
- Q3. Is there a plan holders list available? Could you share it?
A3. The sign-in sheet from the mandatory pre-bid meeting will be shared with all attendees and posted on the City's purchasing website.
- Q4. Is there an inspection report available for the tank? Can you share it?
A4. Yes – a copy will be posted on the purchasing website
- Q5. Is there a clean out report? How much sediment was left in the tank after it was last cleaned out?
A5. There was no noticeable sediment in the tank at the time of inspection
- Q6. Will foundation removal be required? If so, how deep?
A6. Yes. Refer to notes 4 & 5 on Sheet C1.
- Q7. Will this be a prevailing wage project?
A7. No.
- Q8. Will the fence removal happen prior to our arrival or will that need to happen at time of demo?
A8. This work will need to be coordinated with the General Contractor.
- Q9. Will the fence need to be reinstalled?
A9. Yes, see drawings for location.
- Q10. Where will the new concrete tank be constructed in relation to the existing tank?
A10. Roughly in the same location.
- Q11. What is the local power company? Do you have a number for them?
A11. Shenandoah Valley Electric Cooperative – 800-234-7832

- Q12. If trees are needed to be cleared surrounding the tank, will we be allowed to do that? Will they be moved prior to our arrival due to the construction of the new tank?
- A12. Any clearing required will be the responsibility of the contractor.
- Q13. Is there lead-based paint on the tank?
- A13. See the tank inspection report.
- Q14. Drawing C4, Note 1 indicates the precast building to be 20'x20'x12'. The East Elevation on the same drawing shows it as only 9' high. Specification 03452 calls it out to be 12'x20'x8'. Please clarify building size.
- A14. 20'x20'x12' – as shown on the drawings. The specification will be revised in Addendum #1.
- Q15. Spec 02510 indicates requirements for aggregate stabilized subgrade “where shown on drawings”. While subgrade is shown, it is not called out to be aggregate stabilized. Please clarify if aggregate stabilization is required.
- A15. Refer to Note 5 on Sheet C1.
- Q16. Do you have any “as-built” information or old shop drawings for the existing tank and foundation?
- A16. No.
- Q17. Drawing C1, Note 3 calls for 6” topsoil. Specification 02910-3.02A calls for 4” topsoil. Please clarify.
- A17. 6” topsoil required as modified by Addendum #1.
- Q18. Can you provide a scope of work included in the allowance for instrumentation? Typically, the I & C vendor would provide the ultrasonic level sensors (spec 16940) and chlorine analyzers (spec 16941). Please clarify.
- A18. The allowance only includes programming and is included as information available to bidders.
- Q19. The Owner is providing water for flushing and testing. Will the Owner also provide water for the shotcrete or will the Contractor need to have a meter installed
- A19. Yes – City will provide the water.
- Q20. Is the elevation for the new tank slab the same as for the existing?
- A20. No. Existing tank ring wall elevation is 824.8 +/-
- Q21. Is the property next to the site (where tanks currently sit) available for Contractor office trailers?
- A21. The only property available is the City’s parcel where the tank sits. The Contractor would need to make arrangements with any surrounding property owners, should they desire to use adjacent property for storage, staging and office trailers.

- Q22. Drawing C2 shows 18" RCP from the DI-1 to MH-1. The 18" Drain Profile on C3 shows this same line as 18" corrugated HDPE. Please clarify.
A22. The pipe should be RCP. Drawing will be revised in Addendum #1.
- Q23. Is there a geotechnical report available for this project?
A23. A geotech report was prepared in 2018 and is available for download on the City's purchasing website.
- Q24. Is the E&S review completed by the City or DEQ?
A24. By the City.
- Q25. When the tank is tested where will the test water go?
A25. Water can be dechlorinated and discharged to the storm drain.
- Q26. Is power available out at the site?
A26. Existing power is available and will need to be run at the contractor's cost.
- Q27. It appears that blasting may be required – will that be an issue?
A27. Contractor will need to obtain blasting permit from the Fire Marshal and comply with any requirements of that permit.
- Q28. Where is the water available?
A28. There is currently a hydrant within 150 feet. Will need to provide a backflow preventer or air gap when using the hydrant.
- Q29. Are there plans to mount any cell towers on top of this tank?
A29. Not at this time.
- Q30. Any County business license requirements?
A30. No. The project is all within City limits.
- Q31. Is the existing tank elevation shown on the plans?
A31. Existing tank ring wall elevation is 824.8 +/-
- Q32. Will the City provide geotech services to verify tank base is good?
A32. Yes – City will provide necessary testing services.
- Q33. What about concrete and shotcrete testing?
A33. Yes, City will take care of that too.
- Q34. Would you reconsider going to a standard proctor test requirement for the stone base?
98% is tough to achieve.
A34. Requirements will be modified by Addendum 1.

- Q35. Are there photos available of the interior of the tank?
A35. Yes – in the tank inspection report.
- Q36. Is the tank bottom concrete or steel?
A36. Bottom of the tank is steel.
- Q37. It is believed that the existing steel tank is founded on oil-impregnated sand. I assume this will be deemed unsuitable and need to be disposed of offsite. The tipping fees for this soil will be considerable. Can you quantify the amount to assume vs the amount of clean soil in the 2,500 CY bid item? Alternatively, can you establish a separate unit price for oil-impregnated unsuitable soil?
A37. Bid Item will be added by Addendum 1.
- Q38. Drawing E-3, Note 1 references a Lighting Protection Spec section 16670 for structure protection. However, within the Project Manual, there is no Spec Section 16670. Please advise.
A38. Section will be added by Addendum 1.
- Q39. Drawing E-3, Enlarged Site Plan; there is a lighting fixture LL1 to be mounted adjacent to the handrail on the top of the tank near the tank mixer, in the Lighting Fixture Schedule (E-5) it is noted these are to be mounted on 14' round tapered base mounted pole. Please provide more structure mounting detail for connection of this to the roof.
A39. Light fixture will be changed by Addendum 1 to a smaller fixture on an 8-foot pole. The mount will need to be coordinated with and designed by the tank manufacturer.
- Q40. Drawing E-3, Site Plan, there is a pole fixture type LL1 to be installed adjacent to the gate entrance. Please provide a structural detail for the pole base.
A40. Detail will be added by Addendum 1.
- Q41. Drawing E5, Light Fixture Schedule; please provide a referencing catalog number for primary fixture manufacture for cross referencing.
A41. Light fixture schedule will be modified by Addendum 1, however Manufacturer and model numbers are indicated in the far right column.
- Q42. Would like to know an actual number of how much space there is around the back side of the existing tank? Is it 6 feet, 8 feet or 10 feet?
A42. Clearance varies between 5 and 10-feet +/-
- Q43. Can the City provide the engineer's estimate for the project?
A43. The City does not provide construction estimates for projects that are actively being bid.

Q44. Is there any information regarding the thickness of the base slab the existing tank is on?
A44. It is not known if there is a base slab below the entire tank. There is a concrete ring wall around the entire circumference, which is approximately 36 inches wide and approximately 9 feet tall.

Q45. How deep is the tank?
A45. Test digging shows that there is an approximately 3' wide ring wall that is approximately 9 feet deep. Pictures taken during excavation are provided.

