

Addendum 2

Questions that were brought up concerning the Loves Infrastructure Project.

1. Can you clarify the contractor expectation for the electrical service and phone service needed for the project? I have read that NIPSCO will maybe provide service to the meter set. It would be our responsibility from there. The phone service seems to be a little more gray.

Electric service will need to be supplied at the pumping station (3 PH 230V) and at the flow meter vault (1 Ph 110 V) location.

No phone line will be required.

2. Does the MCSD have a preferred contractor for SCADA/communications?

Mission Controllers and they are handled/serviced for MCSD by Flow Techniques.

3. Are there inspection or observation costs that the contractor is responsible for pipeline crossings?

The owner will have a representative on site. INDOT or the Toll Road may require on site inspection.

That would be a contractor cost.

4. What level of Subsurface Utility Engineering took place at time of design?

Geotechnical information is supplied in the Borings Log Appendix on page 422 of the specifications.

The design engineer has shown identifiable utilities on the plans. The Contractor will be responsible for locating all utilities prior to construction.

5. Is the contract being paid for under unit prices?

Yes

6. Please clarify if service laterals and water services are required for the project? There were none shown on the drawings.

All water and sewer service laterals will be installed by the home owner.

7. Are we going to be required to provide force main markers in the road or will the air releases along the route serve as those?

The Air Release Valve Pits will be adequate.

The Directional Drilled HDPE Pipe needs to include a tracer wire.

8. Who is responsible for obtaining water and sewer permits from the MCSD? Are there any other permits the contractor is responsible for?

The owner has obtained all MCSD, IDEM, Drinking Water NOI, Legal Drain and Rule 5.

The Contractor will be responsible for the INDOT US 421 and I-94 Jack and Boring permits.

9. Do we need to provide jack and bore monitoring with a survey crew for bores under US 421 and I-94?

Only as required by the construction permits obtained from INDOT and the Toll Road.

10. Will pre-cast drops be allowed in lieu of the field built drops? The detail on the prints show flowable fill to encapsulate and the MCSD drawings show concrete. Please clarify which detail we are to follow.

Pre-Cast man holes and vaults are acceptable. I think the detail you are referring to is for sanitary sewer separation with any other pipe fluid carrier.

11. How is the erosion control being paid for? Is the quantity in the bid form for lineal feet of silt fence installed?

The line items will be for the contractors estimates for all erosion control measures needed for each construction area.

Specifications line item S18 page 18, S5 page 21, S9 page 22, F15 page 25, W19 page 27, W4 page 28, W9 page 29, W10 page 30,

12. Can you please clarify easements and acquisitions?

All Easements and acquisitions will be obtained by the owner.

The contractor will be responsible for a staging area and job site trailer location, utility supply etc..

The lift station site should be adequate for the above.

13. There are line items for Water Meter pit for lines B1 and C. I do not see these located on the prints. Please clarify.

Water lateral valves and meters will be installed by the hoe owner.

14. Will TR Flex pipe be allowed for Jack and Bore carrier pipes?

This will need to be asked of INDOT and the Toll Road when getting the permit.

15. Can you clarify what needs to be included in the F13 – Lift Station line item?

A complete operational lift station with Mission/SCADA system is required.

This would include electrical service installation and a constructed site plan to print.

16. Lift Station access drive. What pay item will this be covered under?

F10, F11 and F12 on specifications page 23.

17. On Sheet C201 – 12" CMP is a remove and replace? Install?

The 12" culvert is existing.

18. Will asphalt restoration be paid for on a neat line measurement or by actual installed?

Actual installed and as determined by the owners on-site representative.

19. To clarify, #53 limestone is the granular backfill required for backfill. Will this be paid for on a neat line or actual used?

The neat line is the engineers estimate, actually quantities used will be paid for.

20. Is the lump sum item for the lift station all inclusive of line items LS1-LS19? Are we to combine the total prices for LS1-19 for the lift station total bid price or list them out as separate line items?

F13 Bid item would include items LS1-LS19.

21. G-2 # S5, G-3 # S5, A1-2 # W20, B-1 # W10, C # W11 have line items for easement / land acquisitions. Is that going to be the responsibility of the contractor? Shouldn't that be the responsibility of the Owner?

The owner is responsible for all land acquisitions.

The contractor would be responsible only for a staging area or a site for the job site trailer.

See question 12 above.

22. Each of the 10 “phases” has line items for mob/ demob, trailers, bonds etc. What is the reason for having a line item for these in each of these portions? Are we supposed to split the cost up between the portions?

The total cost can be split up for each line item.

Note: The project is bid in it's entirety to the lowest responsible bidder.

23. Are we going to be required to have a contractor trailer on site? Fenced in with the security measures?

A job site trailer is required. Security measures are up to the contractor.

24. Section 01 40 00 – Quality Requirements lists testing agencies. Is this going to be required? If so, what items or tasks will this be required for?

Testing agencies will be required for items listed in Section 03 30 00.

For Concrete mix strength, slump and strength.

All MH and pipe testing will be done by the contractor and witnessed by the owner's representative.

LS start up and meter testing will be paid for by the contractor and witnessed by the owner's representative.

25. Are we required to hold builders risk and a 3 year maintenance bond?

Yes 10%, See ARTICLE 6 sc-6.01 on page 141 of the specifications.

26. SC 7.02C – Are we required to pay RPR overtime if the contractor decides to work over 40 hours a week? If so, what is the hourly rate which we need to factor into our bid?

Reference the addendum form 2013-009 Section E.

27. SC 7.12 #7 – What items or tasks will this be required on?

There are no requirements for this provision in this contract.

28. Section 099656 – Will this epoxy coating be required? If so, which items or tasks?

All DIP within the lift station, valve vault and flow meter pit.

For the wet well coating see plan sheet C200.

29. Section 31 23 16 – Is the contractor going to be required to hire a structural engineer for item 1.3 A & B? If so, can more detail be given as to what needs to be signed and stamped?

There are no requirements for this provision in this contract.

30. Can you confirm that all ductile iron pipe utilized for gravity sanitary sewer is to be PC350?

The outer casing pipe can be class 300 the inner DIP pipe shall be PC350.

31. Does ductile iron pipe utilized for sanitary sewer require polywrap, if so can you provide a color and thickness for the polywrap?

No.

32. Does ductile iron pipe utilized as a carrier pipe need to be field locked together or are standard tyton joint gaskets sufficient?

For Gravity Sewer Pipe gaskets are sufficient.

For all other DIP connections see MC Sanitary Sewer Specifications Section 9, pages 5-6.

33. Does the gravity sanitary sewer require a tracer wire?

No, only the FM.

34. Does the water main require a tracer wire?

No, the water line is DIP.

35. Does either the gravity sewer or water line require a warning tape?

NO, only the FM HDPE pipe.

36. Who is responsible for performing the compaction testing, taking concrete cylinders and asphalt testing?

The contractor will be responsible for obtaining a certified testing company.

37. Is the removal and replacement of fencing along the north side of CR 300 incidental to construction or will a line item be added to the bid form?

Use line item S17 for any fence removal. There will not be fence replacement in the project costs.

38. Are any coatings required for the casing pipes?

Not unless it is required by INDOT or the Toll Road Borings.

39. What does the line item "Easements/Land Acquisitions" mean, please provide a description of what this entails?

The Contractor will only be responsible for acquiring any temporary easements for a staging area and location for the job site trailer.

40. The bid form refers to a water meter pit complete for a total of 5 for the entire job, can you clarify the location and size for these pits as we cannot find any?

Water lateral valves and meters will be installed by the home owner.

41. A detail for an Air Relief Assembly has been provided on sheet C523, is this what you are referring to as a meter pit, if not will a bid item be added?

No, the meter pit location C312 & C301, Details C313 is a separate item.

42. What is the make and model of the air relieve valve shown on sheet C523?

The ASR is an APCO Series 400.

43. Items W17 of bid category A1 and A2 has a quantity of 37 and a unit of Lump Sum? Please clarify?

Use a lump sum amount for tree clearing for Water Line A1 and A2.

44. The bid form has line items for contractors trailers, is this what is referred to as Engineers Trailer in the Temporary Facilities and Control section of the spec book?

Yes.

45. Will we need to submit our subs & suppliers with the bid or can they be turned in after the bids are read?

Sub-contractors can be turned in after award of bid but before their work begins.