

Addendum 3
10/23/2020

Sealed Bids for the construction of the La Porte County Water & Sewer (SR 421 & CR 300 North Utility Extensions) Project will be received, by the County, at La Porte County Community Development Commission (555 Michigan Ave., La Porte, IN. 46350) until 3:00 PM local time on **Wednesday, October 28th, at which time the Bids received will be publicly opened and read aloud. Bids will be reviewed by the LaPorte County Engineer and Attorney and the successful low bid Contractor will be awarded at a subsequent meeting room at the La Porte City Complex Building Rm #3 on **Wednesday, December 23rd** at 4:00 Local time..**

Questions that were brought up concerning the LaPorte County Infrastructure Project.

1. Sanitary detail for bedding the sanitary sewer lists #8 crushed stone for Class 1 material. Can sand be used to bed and initial backfill the pipe?

Yes, Class I Structural Backfill may be used for initial pipe backfill for the Gravity PVC pipe. The fill should be a minimum of 4" below the pipe invert and 12" above the top off the pipe.

2. The AIS document is a South Carolina form. Is there one specific to Indiana that needs to be filled out or fill out the form provided?

An AIS certificate, Exhibit 1, has been uploaded to the addendum 3 location.

3. The Bid Bond has "LaPorte Water Main" as project title. Does this need to be changed to match project name?

Replace page 35 with the addendum 3 modified Bid Bond.

4. What is the County's thinking about 950 asphalt? Looking at the project, it appears that the county road is not in the best of shape and I am not sure that the road will hold up to construction traffic for installation of the water main. Please clarify.

The County has no plans to resurface the 950W or 300N prior to project completion. The County is anticipating road damage.

5. The existing manhole that the force main will connect to was full of water and appears to be larger than 4' in diameter. Why does the structure have water in it? Note that the downstream manhole was dry at time of site visit. What specific coating is required in the manhole?

The inlet pipe for the MH's Water, FM will need to be grout sealed. No MH coating is required.

6. As stated in the pre-bid meeting on October 15th, the fence on 300 North from US 421 to end of project will be removed and NOT replaced. Do we need to provide temporary fence after pipe installation is complete?

No temporary fence will be required with this contract.

7. There is a ditch line that is basically in the same path of the 20" water main along 950. Will there be an item added for sod of the ditch line? If not will there be an item added for erosion control blanket?

The erosion control costs should be included in the erosion control line item for the water line along 950W.

8. At or about STA 17+60 on Line C there is a box of some sort in the ROW where the water is being installed. What is the box and how are we to account for in the bid?

The box referenced, if identified correctly is an electrical junction box. Utility conflicts, unless they can be proven extreme, are incidental to the cost of the waterline installation and will be paid for by LF of water line installed.

9. Will "Field Locking Gaskets" or TR Flex be allowed for carrier pipe installation for the water main Jack and Bores?

The pipe will need to be one piece or welded.. The ends will need to be sealed. See detail sheet C523

10. How will culvert removal and replacement be paid for at drive crossings along 950 for the water main installation?

The culverts were not anticipated as needing replaced. If replacement is determined necessary by the owners on site Rep than a CO will be issued.

11. Will the County be providing allowances for US 421 and I-94 permitting and requirements?

Will the US 421 and I-94 borings have to be monitored for settlement?

Contact information is Mike Hurt 219-851-1426.

There will be a \$10,000 bond required for each casing. There will be a \$55.00 permit application fee for each casing. These costs should be included in the Jack and Bore line items.

12. How will the inspection and observation fees be paid for US 421 and I-94 borings, if 24-HR operations are required under the permit?

There are no INSDOT inspection fees required. See question 11 above for more information.

13. If during Jack and Bore large rocks are encountered, how will those be paid for?

Large Rocks were not anticipated. If jack and bore obstacles are encountered and determined necessary to be removed, INDOT will need contacted, the owner's rep will need to be contacted and if all parties agree, a CO will be issued.

15. Will the annular space in the casings be required to be grouted?

No, the drawing calls out a flexible APS end seal or equivalent.

16. Where is the future Love's going to be located along the project?

At the open space just North of 300 N., West of 421 and East of the land fill.

17. The prints show the jack and bore pits up to the ROW along I-94. How will the guardrail be paid for that will likely be removed for bore pit installation? Or will the bores need to be lengthened to avoid impact to the existing guardrail?

The removal and replacement of the guard rail is incident to the I-94 Jack and Bore costs.

18. Where will we be allowed to discharge dewatering efforts on the project?

Dewatering discharge can be sent to the pond on the Loves sight. The discharge will need to be netted for sediment control.

19. Items B-1 W6 (1 each) there is an item for Water Meter Pit Complete and Line C W5 (2 each) the same. Where are these located? If there are none, can this item be removed from the bid form?

These will be removed from the bid tab.

20. Will item F13 be removed from the bid form?

Yes see the attachment 1 addendum 1 bid quantities revised.

21. Are the asphalt quantities going to be adjusted on the bid form?

Yes see the attachment 1 addendum 3 bid quantities revised.

22. Does the interior of the wet well need to have a protective coating?

No, exterior walls only. See Drawing sheet C203.

23. In regards to the compaction testing, where will we be required to perform the compaction testing? (road crossing, pipe trench off the road, etc). To what %? How often / frequency?

Compaction tests will be required where open trenching across roadways or as required by the owners Rep. Include 10 total compaction tests for bidding purposes. See Bid Tab, Incidentals.

24. Is the carrier pipe to be included in these line items along with the spacers and end seals or is the carrier pipe included in other line items?

The Steel Casing Pipe line items include all incidental seals spacers and joints necessary to accomplish the task.

25. Addendum #2 is not dated and a date is required on the Bid Form. Should we just enter addendum not dated?

October 15, 2020 has been added to Addendum 2. The updated addendum 2 is located at the addendum 3 location on the Laporte County re-development web site.

26. The E-Verification Affidavit was not part of Addendum #1; what was given was an actual I-9 for employees. Should we be providing our own E-Verification Affidavit or will this be a part of another Addendum?

Affidavit is included with the addendum 3 information.

27. The bid form for Bid G1 has a line item for 18" SDR-26 pipe and a quantity of 325', please clarify this as the following pipe runs are all listed as SDR-26?

- a. Lift Station to Manhole #1 = 14'
- b. Manhole #2 to Manhole #3 = 324.09'
- c. Manhole #3 to Manhole #4 = 287.04'

Quantity adjusted on Bid Tab in addendum 3.

28. The sanitary sewer manholes shown on the profile that have ductile iron pipe leading up to them show PVC for the inverts, are we to convert over to PVC before the manhole?

Continue using DIP after leaving the casing to the MH.

29. When will we see a new bid form? We are taking the job off as we speak and don't know how to break it down?

A new bid for is included in addendum 3.

30. When we jack and bore under 94 can we tie directly into the existing valve or do we need to stop short and install a blow off for testing? Please let us know as we may need to add another valve for testing so the entire line doesn't need to be drained for final connection to the existing main.

Follow Detail #3 drawing C524.

31. When taking off the waterline and sewer line for the job I noticed it seems that you are paying for the carrier pipe for sanitary sewer with the casing pipe yet you are not doing this for the water. Is this how you intended to quantify the items on the bid form?

36" Steel casing pipe for the 20" water line is called out for segments A1 and A2.

32. For lines A1 & A2 it appears that the total lineal footage of pipe for the directional drill, open cut and carrier pipe in a casing is all included with bid item W1, is that correct, please check your quantities since the quantity of pipe listed in W1 is for all of the pipe shown on lines A1 & A2.

All the 20" DIP quantities are included in W1 line A1 and A2.

All 20" DIP pipe for Gas/Stream crossings is included in line item W4.

33. Bid item W4 of A1 and A2, is this just the labor cost of directional drilling and the material is paid for in line item W1? Please check your quantities since the quantity of pipe listed in W1 is for all of the pipe shown on lines A1 & A2.

The pipe will be paid for by LF installed. The HDD pipe should include all costs associated with the installation of the pipe on a LF basis.

34. Bid items W5, W6 & W7 of lines A1 and A2, is this just the labor to perform the jack and bore and material to install the casing pipe, spacers and end seals only and the carrier pipe material will be paid for under line item W1? Please check your quantities since the quantity of pipe listed in W1 is for all of the pipe shown on lines A1 & A2.

The lineal foot of water main pipe used will be paid for on a LF installed basis.

The Jack and Bore line items shall include all necessary costs to install the carrier pipe for the main water line.

35. Are aligners required for the water line valve boxes as none are shown on the drawings?

See detail 3 and 4 Sheet C522.

36. The specification manual references stainless steel hardware for hydrants but doesn't say stainless steel hardware is required for the valves and fittings of the water line. Are fire hydrants the only component required to have stainless steel hardware?

All hardware shall be Stainless Steel.

37. Is any compaction testing required for backfill of yard areas? If so, please provide us with a frequency.

See answer to question 23 addendum 3.

38. We visited the site and noticed the manhole on the north side of 94 that the forcemain is to tie into is full of water, is there a plug in the line or something we are to be aware of?

MC Sanitary will be contacted to verify before LS start up.

39. Will an allowance line item be added for permits, inspector, inspection fees etc. for the jack and bore under pipelines and highways as we don't know these costs?

See answer to question 11 addendum 3.

40. Per addendum #2, question number 13 was not answered. Why are there line items for water meter pits on the bid for if none on the prints? Please clarify?

Meter Pits were removed and updated bid tab is part of addendum #3.

41. There are 15 hydrants shown on the drawings and 14 on the bid form for lines A1 and A2, please clarify?

There 14 new hydrants and 1 existing.

42. Is coal tar epoxy coating required in the interior of the existing manhole the forcemain is to be tied into or is this to be raven's coating?

NO interior coatings are required for the man holes, wet wells or vaults.

43. Does the existing forcemain discharge manhole need to be coated at all since it was not referenced in item 28 of addendum #2?

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.

The pipe, fittings in the MH will need to be epoxy coated.

The interior and exterior concrete walls of the MH will not need coated.

44. Please clarify question 32 on addendum #2, are standard tyton joint gaskets sufficient or do they need to be "locking" field lock gaskets for ductile iron pipe in a casing for sanitary sewer?

Tyton Joint gaskets can be used for inside the casing pipe only. The ends will need to be sealed. See detail sheet C413.

45. Please further clarify the answer to question 38 on addendum #2, we need to know if a coating is required or not? Have the plans been reviewed by INDOT?

No coating is required for the casing pipe.

46. Please review your answer to question 41 on addendum #2. We are referring to the water meter pits shown on the bid form for water not meter pits shown on the plans for the forcemain. We cannot find any water meter pits on the plans but they are on the bid form.

There are no water line meter pits required. The Bid tab, addendum 3 has been revised.

47. Line A1 has a drinking water air release valve and pit shown on plan sheet C505 but there is no bid item for this? Please clarify.

A line item has been added for the Drinking water air release valve and pit. Bid tab addendum 3.

48. Do we use detail 5 on plan sheet C523 for the construction of the drinking water air release valve and pit?

Yes.

49. How are we to be paid for the asphalt patching of CR300 where line B crosses the road?

Use pay item W9, W10 and W11 from Water line A1 and A2.

50. Water main line C crosses CR 300 which is asphalt and both entrances to the Speedway truck stop which are also asphalt but you only include bid item W7 which is commercial concrete drive

The Bid Tab addendum 3 will have Line W7 Concrete Drive Removed. Use pay item W9, W10 and W11 from Water line A1 and A2.

51. Line B for the water line bid item W4 has a quantity of 818 LF and the plans show approximately 350 lineal feet, please clarify?

Pay Item W4 for Water Line B is for erosion control measures.

52. Line B1 for the water line bid item W9 has a quantity of 50 LF and the plans show about 590 LF, please clarify?

Pay Item W9 for Water Line B1 is for erosion control measures.

53. Line C for the water line bid item W10 has a quantity of 100 LF and the plans show about 1,925 LF, please clarify?

Pay Item W10 for Water Line C is for erosion control measures.

54. Please confirm that a good faith efforts worksheet is not required to be turned in?

There are no DBE or DBVE requirements for this project.

55. Please clarify if bid item F13 is going to be eliminated or the subcategories listed as LS1-19? Eliminated on update bid Tab. Addendum 3.

Pay item was eliminated from Bid Tab, addendum 3.

There is only 1 lift station for this project.

56. Is a separate trailer required for the engineer as well as the contractor? Please clarify if one or two trailers are required?

Only one trailer is required. The trailer does not have to be new, the trailer size of 48 feet is optional, a porta potty is sufficient, no restroom no permanent potable water service is required, the printer equipment will not be retained by the owner.

57. Question 35 of addendum #2 was answer that warning tape is not required for gravity sewer but page 8 of the Michigan City sewer specifications indicates a tape is required, which is correct?

The correct answer is warning tape per Part 3 3.01 item 6. Yes warning tape for gravity sewer will read "CAUTION SEWER LINE BURIED BELOW" For Trenched Water Line "CAUTION WATER LINE BURIED BELOW"

58. Is the line item for easements and land acquisitions going to be removed from the bid form as discussed at the pre-bid meeting?

Yes.

59. The bid form for G-1 has three line items for drop manholes for a total quantity of 3 drop manholes, the plan show a total of 4 drop manholes for Line G-1 as mh's 1, 2, 5 & 9. Please which line item is incorrect for drop manholes and reduce the standard manholes accordingly.

Bid tab quantity adjusted Item S11 for addendum 34.

60. Water line "B" does not have a bid item for #53 Granular Backfill but granular backfill is shown on the plans? Will a bid item be added or should

Use pay item W9, W10 and W11 from Water line A1 and A2.

61. On waterline "A2" page C510 states to see connection detail #6 which indicates a 12" butterfly valve however there is no bid item for this work, please add.

The Butterfly Valve at 31+72 is a 20" valve. Reference Detail should be Detail 4, C522

62. Can you please clarify coating requirements for the manholes and lift station? The specifications 33 05 13 3.3 F talks about this. Can you please provide more information regarding this?

There are no interior coating requirements for the concrete MH's, Wet Well or pits.

63. The bid form has three 6" check valves and the plans show 2, can you please clarify what we are to include for the lift station?

There are (2) 6" check valves. Bid Item LS16. The bid tab line item quantity will be adjusted.

64. The bid form has two 6" plug valves and the plans show 3, can you please clarify what we are to include for the lift station?

There are (3) 6" plug valves. Bid Item MP10. The bid tab line item quantity will be adjusted.