

RFI RESPONSE NO. 3

FOR

SLEEPY HOLLOW COMMONS PROJECT – PHASE IB WICK DRAINS AND SURCHARGE PROGRAM

SLEEPY HOLLOW LDC, VILLAGE OF SLEEPY HOLLOW, NY

In response to comments received as of 11/7/19, below is a summary of comments and responses regarding the Sleepy Hollow Commons Project - Phase IB:

15. Contract Length

Q: What is the term of this contract? We assume, based on the engineer's office pay item, that the time for completion is 12 months. Is this correct?

A: Please refer to RFI response #1.

16. Fill Import

Q: The following questions relate to Special Notes to the Contractor on pdf page 172 of the specification book. If this contract is starting with 30,000 cy of on-site stockpiled material, at what rate can we expect the 60,000 cy of imported material to arrive?

A: Please refer to RFI response #12. It is anticipated that the 60,000CY will be on-site on or around contract award/NTP.

17. Fill Import

Q: Can you advise where, on the job site, the 60,000 cy of fill material being brought in by the LDC's contractor will be placed? In other words, how far outside the surcharge/preload area?

A: Please refer to RFI response #12.

18. Pay Items

Q: Please advise on the following questions regarding payment item 204.01:

- a. Drawing ESD-02 calls for Class A concrete to be used, not CLSM. Is the payment item wrong or the detail?*
- b. Is the excavation for the pipe plugging work included under item 203.02?*
- c. There are 4 locations shown on the drawings (2 on sheet 6 and 2 on sheet 8). There estimate amount of 30 cy seems excessive. Am I missing something??*

A: Detail on DWG ESD-02 has been revised and will be included in an addendum. Class A concrete is not required to plug/abandon pipes - the pipes to be abandoned will be plugged at the downstream end and filled with CLSM from the upstream end. All work necessary to plug & abandon pipes/structures (including excavation and sawcutting) to be paid under item 204.01.

19. Drainage MH

Q: Drawing GNP-04 – Sheet 9: RE: Manhole to be abandoned at top right corner of drawing.

- a. Please clarify the work. Confirm we are not doing any work to the existing manhole. Based on the description, we will excavate the outside of the manhole to the invert depth of the inlet pipe. Cut the pipe 12" from the outside face of the manhole. Then backfill the excavation with light stone fill up to 12" above the invert depth. Does the remainder of the excavation get backfilled?*
- b. There is no description calling for the sealing of the manhole. The light stone fill material will most likely flow into the manhole.*
- c. Advise the overall depth and interior dimensions of the manhole so that the material that flows into the manhole can be accounted for.?*

A: The ex. MH structure and outlet pipe identified at this location are currently non-functioning and will be replaced during a future phase of construction. To prevent damage to the existing inlet pipe from the surcharging program, the inlet pipe will be cut and the outlet pipe will be plugged from the inside of the structure to avoid loss of backfill material. Stone backfill material will be placed inside the structure and around the inlet pipe to approximately 12" above the top of pipe. The structure and remainder of the excavation pit will be left open.

The existing MH structure is approximately 4'-0" in diameter (interior dimension) and 7 to 8 feet in total height, 4 to 5' of structure extend above existing grade..

20. Sanitary Sewer Adjustment

Q: Payment Item 604.070101 – At each of the 5 locations there are numbers indicating +/- 18', +/- 4' and +/- 2'. a. Are these heights the total for each location to raise the manhole? And all of the riser materials are on site??

A: Correct, the numbers indicate the additional riser height required to keep the structure above the surcharge fill. Riser materials are already stockpiled on-site for use under this contract.

21. Contract Length

Q: Contract Length:

- a. The contract has \$5,000 day liquidated damages. When would this take effect? 12 months or 18 months?*
- b. Will the engineer's office be removed after 12 months?*
- c. The contract documents, SCN-01, call out for a minimum of six month duration of hold. There is no maximum time listed. There should be a monitoring payment item to cover the entire time you anticipate monitoring will be required.?*

A: Liquidated damages would take effect if the initial construction period is not completed within the agreed upon duration. (6 to 9 months or as defined by the contract agreement per RFI response #1)

Engineers field office will be removed at the end of the initial construction period.

Refer to specification item 634.080000SH, which has been modified via addendum, for payment of Surveying and Monitoring of Instrumentation. Contractor shall provide a unit cost for Surveying and Monitoring of Instrumentation per month assuming a quantity of 9 months.

22. Fill import/placement

Q: Please advise why you anticipate concrete?

- d. Borings do not show any concrete within the milling areas. Reinforced concrete cannot be milled without damage to the milling equipment.*

e. This should be handled as an unforeseen condition.

A: Refer to RFI response #4.

If concrete pavement is encountered, penetration of vertical drains through the concrete pavement by means approved by the Engineer will be paid under Pay Item 737.020000SH Pre-augering and Spudding.

23. Wick Drains

Q: What width of strip drain is required? I do not see a call out. Also, clarification required regarding flow rate. We frequently see this inconsistency in both strip and wick drain. You cannot have thick strong fabric, and a high flow rate. Just not possible.

A: Provide horizontal strip drains of 12 in. width. Provide a minimum flow rate of 110 gal/min/ft² and grab tensile strength of 135 lbs for the geotextile material around the core of the horizontal strip drains.

The bid due date will be extended to **12:00pm (EST) on 11/20/19** via Addendum #1 which will be released shortly.

ALL PROVISIONS OF THE CONTRACT NOT AFFECTED BY THE FOREGOING SHALL REMAIN IN FULL FORCE AND EFFECT.

SLEEPY HOLLOW LDC

By: Daniel Briar, P.E.
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Dated: November 12, 2019