

## **BID NUMBER # 26116 - Rolling Road Force Main Replacement**

### **Addendums**

#### **Addendum 1**

**1. Bidding/Bidder Question**

Q1: We would like to respectfully request that Lake County consider approving Certa-Lok (restrained joint PVC) as an allowable material, particularly for the HDD portions of the Rollins Road Force Main Replacement project.

R1: Due to the geometric alignment of the proposed force main, the specified pipe material for directionally drilled force main is 16" HDPE SDR 11. Please see Technical Specification Section 33 43 00.

**2. Bidding/Bidder Question**

Q1: Is the existing force main material for the yard piping, pre-stressed concrete pipe?

R1: The existing force main in the Rollins Road Pump Station yard piping was exposed and found to be ductile iron pipe material.

**3. Bidding/Bidder Question**

Q1: What is the average daily flow at the lift station?

R1: Please see Technical Specification Section 33 43 00, the annual average daily flow of the Rollins Road Pump Station is approximately 200,000 gallons per day.

**4. Bidding/Bidder Question**

Q1: How long can the force main be shut down?

R1: If the contractor's planned Work activities require pumps being off at the Rollins Road Pump Station for more than 4-6 hours, Contractor shall be responsible for implementing an acceptable Temporary Force Main Flow Control Plan as outlined in the Technical Specification Section 33 43 00. The Rollins Road Pump Station may be shut down during the hours of 7:30am to 2:30pm during weekdays only, no holidays.

Additionally, Contractor may submit a schedule, for LCPW approval, with 2 weeks of notice, for the Pump Station to be shut off for approximately 12 hours, only during average flow conditions or low flow conditions. Under all circumstances, the Rollins Road Pump Station may be shut down only during dry weather conditions.

**5. Bidding/Bidder Question**

Q1: Does the scope of work include fully re-coating the existing sewer concrete drop structure?

R1: As stated in the Technical Specification Section 07 14 65 issued for bidding, Neopoxy Coating System is required as an incidental item for any areas the existing coating system is damaged during construction, such as the interface of the coring machine as it enters the structure interior through the existing coating, and any areas where the existing coating system shows evidence of loss of the coating integrity, peeling or non-continuity.

**6. Bidding/Bidder Question**

Q1: Can the shoulder along Rollins Road be used for staging the fused pipe?

R1: Coordination with the Lake County Department of Transportation is required for approval.

**7. Bidding/Bidder Question**

Q1: Will additional landscaping width be provided to the contractor for restoration?

R1: Payment quantities are based on the trench limits shown on the Drawings and/or defined in the Specifications. The quantities listed on the Drawings and in the Bid Schedule are the maximum quantity that will be used for payment. Areas disturbed outside the trench limits shown on the Drawings and/or defined in the Specifications are to be restored to the more stringent of: a) existing conditions or b) as specified for restoration within the trench limits at the Contractor's expense. This response also applies to trench backfill, shoulder restoration, pavement restoration, restoration of the bike path, and restoration of the Stamped Portland Cement Concrete Shoulder.

**8. Bidding/Bidder Question**

Q1: Is there a letter of credit requirement for LCDOT?

R1: Yes, LCDOT requires a \$20,000 letter of credit.

**9. Bidding/Bidder Question**

Q1: When is Notice to Proceed anticipated?

R1: The project is currently planned to be presented to the County Board in July 2026, notice to proceed is anticipated to be provided shortly thereafter, contingent upon Board approval.

**10. Bidding/Bidder Question**

Q1: Please consider specifying a cellular additive in the flowable fill. The Illinois Department of Transportation CLSM item is not intended for filling force main.

R1: We are aware that the IDOT Standard Specs for CLSM is not appropriate for use as a flowable fill for filling abandoned pipes. See related Items below for adding the abandonment and filling with flowable fill of the existing 20-inch force main to the Work Scope required by the Contract Documents.

**11. Specification Section 33 41 99 Subpart 2.09 for Abandoning the Existing 20-Inch Force Main and filling with Flowable Fill**

Remove Subpart 2.09 of Section 33 41 00 shown in italic below:

*“2.09            DRAIN EXISTING FORCE MAIN*

*A.    Timing and Limits - After the installation of the new force main and gravity sewer is complete with the demonstrated acceptable operation and performance of the new force main and gravity sewer, and the Owner or Owner’s Representative acknowledges it is acceptable commence draining operations; the Contractor shall drain the existing force. As-Built Drawings of the existing force main are included in the Drawings for Contractor to estimate drain down time.*

*B.    Draining Existing Force Main - The Contractor shall be responsible for coordinating with the Owner’s Operators to drain the existing force main back to the pump station wet well. Contractor shall be responsible for operating the valve(s) in the pump station yard installed by the Contractor in concert with the Owner’s Operators operating the valves inside the pump station to “drain back” the existing 20-inch PCCP force main to the pump station wet well at flow rates acceptable to Lake County Operators and at intervals which do not exceed or compromise the wet well’s capacity or ability for acceptably pumping the station’s normal influent flow rates. The valley in the existing force main profile close to the downstream drop structure has a blowoff structure (shown on the As-built Drawings in the Drawing Set) which can be used for Contractor to drain that portion of the existing force main. Contractor is responsible for pumping and transporting the wastewater from the blowoff to the downstream drop structure where the wastewater may be discharged.”*

And replace the removed Subpart with the Subpart 2.09 shown in italic below:

*“2.09            FILL EXISTING FORCE MAIN WITH FLOWABLE FILL*

*A.    Timing and Limits - After the installation of the new force main and gravity sewer is complete with the demonstrated acceptable operation and performance of the new force main and gravity sewer, and the Owner or Owner’s Representative acknowledges it is acceptable commence flowable fill operations; the Contractor shall fill the existing force main with flowable fill. The existing 20” PCCP force main shall be filled with limits from the Drop Structure to the Pump Station. As-Built Drawings of the existing force main are included in the Drawings for Contractor to estimate flowable fill quantity and review the proposed fill and vent pipe excavation locations shown on the reissued Drawings (See Addendum No. 1 Item No. 14).*

*B.    Material Requirements - Flowable fill shall conform to requirements in the Standard Specifications and the requirements of the jurisdictional right-of-way authority, the Lake County Division of Transportation. Alternate materials will be allowed when documentation is provided that*

ISTHA, IDOT, or other regional ROW authorities have accepted the alternate and accepted the contractor's method for installation of the alternate material.

C. Draining Existing Force Main - The Contractor shall be responsible for coordinating with the Owner's Operators to drain the existing force main back to the pump station wet well. Part of the existing force main can be drained to the pump station influent manhole using the Contractor provided temporary 4-inch piping and valve shown on Drawing 14. For draining the remainder of the existing force main the Contractor shall be responsible for operating the valve(s) in the pump station yard installed by the Contractor in concert with the Owner's Operators operating the valves inside the pump station to "drain back" the existing 20-inch PCCP force main to the pump station wet well at flow rates acceptable to Lake County Operators and at intervals which do not exceed or compromise the wet well's capacity or ability for acceptably pumping the station's normal influent flow rates. The valley in the existing force main profile close to the downstream drop structure has a blowoff structure (shown on the As-built Drawings in the Drawing Set) which can be used for Contractor to drain that portion of the existing force main. Contractor is responsible for pumping and/or transporting of the wastewater from the blowoff to be discharged into the downstream drop structure.

D. Filling and Venting Pipes - The Contractor shall be responsible for providing the filling and venting pipes required for the placement of the flowable fill. Proposed spacing and location of the filling and venting pipes excavations is shown on the Drawings. The Contractor may proposed alternate locations for the vent and fill pipe excavations subject to the approval of the Owner or Owner's representative and the approval of LCDOT. The installation of flowable fill is anticipated to require excavating the existing force main, cutting the existing force main and installing bulkheads (bricking the pipe up), backfilling and restoration. Some of the filling and venting pipe excavations are anticipated to require work and restoration of the Rollins Road Pavement including saw cutting the highway pavement and restoring the pavement to the pavement section details shown on the Drawings. The Contractor shall be responsible for the acceptable removal of the filling and vent pipes such that the filling and venting pipes create no hazard to traffic, ROW maintenance or mowing, or obstacles to the public. The Contractor shall include all associated cost including backfill, pavement restoration, shoulder restoration, parkway restoration and traffic control in the cost bid for flowable fill.

E. Pipe Plugs – The Contractor is responsible for providing pipe plug(s) at the downstream drop structure to serve as a permanent plug and the end detail for containing the flowable fill. The new 20" insertion valve will provide the end (plug) for the pump station end detail."

**12. Specification Section 33 41 99 Subpart 4.02 Pay Item for Abandoning the Existing 20-Inch Force Main and filling with Flowable Fill**

Remove Pay Item 33 41 00/10 of Paragraph A, Subpart 4.02, Section 33 41 00 shown in italic below:

*“33 41 00/10; Drain Existing 20” PCCP Force Main (Lump Sum)”*

And replace it with new Pay Item 33 41 00/10 of Paragraph A, Subpart 4.02, Section 33 41 00 shown in italic below:

*“33 41 00/10; Fill Existing 20” PCCP Force Main with Flowable Fill (Lump Sum)”*

**13. Specification Section 33 41 99 Subpart 4.02, Paragraph H**

Remove Paragraph H from Section 33 41 99 Subpart 4.02 and replace it with Paragraph’s H & I shown in italic below:

*“H. Prices bid for Payment Item 33 41 00/10 - Fill Existing 20” PCCP Force Main with Flowable Fill (Lump Sum) – include all items/activities listed in 2.09 FILL EXISTING FORCE MAIN WITH FLOWABLE FILL and any other items, such as traffic control during Flowable Fill operations, trench backfill, and pavement restoration related to the installation of flowable fill.*

*I. Payment will not be made for any other items except as listed above. All other costs associated with such Work shall be considered incidental and shall be included in the prices bid for the various items to which they pertain.”*

**14. Drawing Revisions for Abandoning the Existing 20-Inch Force Main with Flowable Fill**

Replace the Drawings with the attached reissued Drawings. The reissued Drawings have revisions to Drawing No.’s 3, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15 showing requirements for adding “Abandoning the Existing 20-Inch Force Main with Flowable Fill” to the Contract scope of Work.

**15. Bid Schedule Revision for Abandoning the Existing 20-Inch Force Main with Flowable Fill**

Replace the description for Item No. 31 in the Bid Schedule on Page B-4 of the Final Front End Documents

from:

**“Drain Existing 20” PCCP Force Main”**

to:

**“Fill Existing 20” PCCP Force Main with Flowable Fill”**

Attachments: Addendum No. 1 Replacement Drawings

Non-Mandatory Pre-Bid Meeting Sign-in Sheet  
END OF ADDENDUM NO. 1