



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

January 7, 2014

SUBJECT: FAU 6923 (Wigwam Hollow Road)
Project BRM-5040(008)
Section 03-00128-00-BR (Macomb)
McDonough County
Contract No. 89356
Item 134
January 17, 2014 Letting
Addendum (A)

NOTICE TO PROSPECTIVE BIDDERS:

Due to clarify information necessary to revise the following:

- 1. Revised sheet 1 of the Plans.**
- 2. Added sheet 11A to the Plans.**
- 3. Revised pages 4 & 5 of the Special Provisions.**
- 4. Added page 4A to the Special Provisions.**

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

John Baranzelli, P.E.
Acting Engineer of Design and Environment

A handwritten signature in black ink, reading "Ted B. Walschleger P.E." with a stylized flourish at the end.

By: Ted B. Walschleger, P.E.
Engineer of Project Management

inlets. Payment shall include all excavation, dewatering, hand excavation, installation of pipe, disposal of excess material, compaction of backfill, and all other work necessary to construct the storm sewer. Connection to proposed inlets shall be included in the Contract Unit Price per Foot of Storm Sewer Pipe. Also included shall be the cost to connect proposed storm sewer pipe to existing manholes where necessary.

9. LAMOINE RIVER CROSSING

The Contractor shall assemble the river crossing including the steel casing pipe and the PVC carrier pipe on dry ground and shall seal the annular ends with manufactured end seals banded to each pipe. Casing pipe shall be 18" schedule 40, steel (16.876" ID, 82.77 lb/ft), ASTM A53, plain ends, with black factory coating. Steel pipes shall be butt welded with full penetration welds throughout the circumference of the pipe. Care shall be taken to align the pipes. Weld joints shall be supported until the entire length of the river crossing is welded.

The Contractor shall install 12", SDR-21 Polyvinyl chloride water pipe with restrained joints in casing pipe with center restrained carbon steel (coated) casing spacers at 6 foot c-c. Adjust spacing to avoid contact with pipe spigot. Void between casing and water main shall not be filled.

Attach eyes on ends of the casing pipe as needed to drag the casing into place.

The Contractor shall excavate the trench across the Lamoine River with standard excavation equipment. The Contractor shall install the casing at the proper depth. (Trench excavation in river will bury itself.)

The Contractor shall temporarily plug ends of carrier pipe to use buoyancy to assist with extending the pipe across the river. When the pipe is at the proper location, plugs shall be removed to allow carrier pipe to fill with water and sink combined casing and carrier to proper elevation.

The Contractor shall construct a dam on each river bank with excavated clay materials to allow dewatering the excavation and place required concrete ballast. The final fill of the river bank shall be at 1:2 slope and shall be covered with Stone Rip Rap Class A-5 to prevent erosion of the trench.

Measurement and payment will be as a Lump Sum for Lamoine River Crossing and will include excavating a trench across the Lamoine River, furnishing, welding and installing at 12" carrier pipe in an 18" steel casing pipe, ballast on each end, casing spacers and ends seals, riprap and backfill to install the sanitary sewer across the Lamoine River at proper

grade.

As an option, the contractor will be allowed to construct the Lamoine River Crossing using the following methods and materials:

-Use 20" HDPE, DR 13.5 (128 psi) Casing Pipe with butt fusion (heated) joints and 12" SDR-21 PVC Water pipe with restrained joints OR use 20" HDPE, DR13.5 (128 psi) Casing Pipe with butt fusion (heated) joints and HDPE (DIPS) DR-11 (200 psi) water main carrier pipe with an inside diameter of 12.35". Transition couplings suitable for connecting HDPE pipe to PVC pipe shall be used per omni or equivalent.

-Deflect water main pipe and casing pipe in accordance with manufacturers recommendations.

-The Contractor will have the option to directional bore the water main and casing pipe.

-3 cubic yards of concrete will be eliminated if directional bore method is chosen.

-Provide and install end seals on each end of the installation per Advanced Products type AW, AC, AZP or AM (or equivalent).

-Provided the Contractor meet the minimum radius requirements for the restrained joint water main pipe, it will be allowed to eliminate the proposed 11.25° bends as shown on the plan view drawing of Sheet 11. This could enable the majority of the remainder of the water main to also be directionally bored.

Measurement and payment will be as a Lump Sum for Lamoine River Crossing and will include furnishing water main pipe and casing pipe as specified, end seals, and installation of pipe by method of directional boring.

SP-4A

10. MANHOLES

This work shall consist of furnishing and installing new storm sewer manholes as indicated on the plans in accordance with Article 602 of the Standard Specifications, and the Detailed Specifications.

Connections to storm sewers, including sewer main, fittings, and connections, shall be considered incidental to manholes except as otherwise measured and paid for separately. Likewise, over excavation and additional pavement replacement required for manhole construction shall be considered included in the Contract Unit Prices Bid for Manholes.

At locations indicated for manholes to be removed and replaced, removal of existing manholes will be measured and paid for separately.

A-Lok Gaskets will be allowed only for the inlet and outlet pipes of PVC storm sewer being replaced and for the outlet pipe of the downstream manhole of the main sewer line. All other sewer connections shall be made into the manholes and sealed with a non-shrink, non-metallic grout.

All existing inlet pipes shall be carefully preserved during removal of the manhole. The connections to the new manhole are considered incidental to the manhole, except for drop connections.

Storm sewer manholes shall be Type A, 5' Diameter unless otherwise specified on the plans. Frames and lids or grates shall be as indicated on the plans.

Storm Sewer Manholes will be paid for at the Contract Unit Price per Each for Manholes of the type and size specified with the frame or lid specified. The price shall include the costs of excavation and disposal of unsuitable material, sheeting and bracing, control of water, bedding course, backfilling, compaction of backfill, grade adjustments, concrete adjustment rings, and furnishing and placement of new manhole, frame and lid.

11. INLETS

This work consists of installing special inlet structures as detailed in the plans. Work shall be performed in accordance with Section 602 of the Standard Specifications for Road and Bridge Construction, details on the plans, and the specifications herein.