

ADDENDUM NO. 1
TO
CONTRACT DOCUMENTS AND SPECIFICATIONS
FOR
FRENCH BROAD INTERCEPTOR EMERGENCY REPAIR

Issued: July 15, 2022

To: All Official Plan Holders

The following revisions, additions, and clarifications are hereby made part of the Contract Documents for the above-referenced project and shall be taken into account in the preparation of all Bids and the execution of all Work. All items in conflict with the Addenda are hereby deleted. This addendum is made part of the Contract Documents and shall be noted on the proposal.

1. Liquidated Damages
 - a. Liquidated Damages shall be \$1,000.00 each calendar day until completion of all work and restoration. All references to an amount different to this shall be replaced with \$1,000.00.
2. Drawing Changes from the 6/20/22 signed version to the 6/24/22 signed version
 - a. Bidders shall download and utilize the latest drawings available on MSD website and utilize those to prepare bid. Initially a version was posted with a signature date of 6/20/22. An update version was posted days later with a signature date of 6/24/22. Generally, the following changes were made:
 - i. Sheet 00G-01 – Added the following sentence to the end of Key Note 3: “Have spare fused pipe and fittings onsite for bridge section.”
 - ii. Sheet 02C-01 – Screened pavement hatching to show the information under the hatching. Changed the pipe slope for the 13 LF of 60” pipe from a negative value to positive. Added one Silt Fence Rock Outlet.
 - iii. Sheet 02C-02 – Added two Silt Fence Rock Outlets.
 - iv. Sheet 02C-03 – Screened pavement hatching to show the information under the hatching. Added two Silt Fence Rock Outlets.
 - v. Sheet 02C-04 – Screened pavement hatching to show the information under the hatching.
3. Light Poles and Underground Electric
 - a. Bid Item MP-5.49 - Site Restoration, Complete, is amended as follows only as it relates to the existing light poles and underground electric:
 - i. Contractor shall include in this bid item all work to remove the existing underground electric system, remove the existing lights and properly store, remove the existing concrete light pole footings, reconstruct the light pole footings following pipe installation, and reinstall the lights and poles.
 - ii. Bid Item ALL-1 – Contractor Allowance - Duke Energy Services is added to the enclosed bid form. This allowance item will be used by the Contractor to reimburse Duke Energy to install new underground electric and reconnect the light poles. Contractor is responsible for coordinating all work. No Contractor mark-up is allowed for this allowance item.
4. Drawing Sheet 00G-01, Key Note 7.
 - a. The gravity sewer pipe entering the pump station is 36-inch diameter.

5. Drawing Sheet 03C-01.
 - a. Drawing title shall be changed from “Carrier Bridge Pump Station” to “French Broad Interceptor Replacement” to match all other sheets.
6. Can MSD provide a delayed notice-to-proceed to provide sufficient time to order and receive precast manholes?
 - a. Response: MSD must get this project completed before May 1, 2023 and therefore expects to provide a notice-to-proceed before November 1, 2022. MSD expects to award the project to the selected Contractor in September 2022. Knowing that manholes, and other materials, may take a few months to arrive on the project site, the Contractor will be encouraged to submit complete and accurate shop drawings as quickly as possible.
7. Does MSD know what the existing pipe material is that the project connects into?
 - a. Response: According to records found, the existing gravity sewer pipe is RCP, Class VC, Type T&G, and laying length is 144”. Specific to the 54” pipe, the inside diameter is 54” and the wall thickness is 6.25”. Specific to the 48” pipe, the inside diameter is 48” and the wall thickness is 5.75”.
8. Can the Contractor use water from the river to test the bypass system? If not, where do we get water and how much does it cost?
 - a. Response: No, contractor shall properly obtain water from the City of Asheville and pay all costs for purchase and transport.
9. What elevation can the existing sewers be backed up to during bypass pumping before an overflow occurs?
 - a. Response: Up to elevation 1975.0
10. Any flooding concerns if cone sections are removed from existing manholes for bypass pumping system?
 - a. Response: For any manhole where the cone section is removed, Contractor shall add an equal length riser section to maintain the same top elevation.
11. During bypass pumping, does the Contractor need to include both the monitoring system and the 24-hour supervision?
 - a. Response: Yes, both shall be provided.
12. If MSD’s existing bypass piping is in the way of the Contractor’s work, can it be moved?
 - a. Response: Yes, but at no cost, the Contractor will need to move it to a location approved in advance by MSD and move back to it’s current location following construction.
13. The bypass pumping specifications state that the system shall not be shut down during weekends or holiday, can the Contractor shut the system off during these times to reduce fuel and supervision costs?
 - a. Response: Due to the pipe replacement not being fully in the same alignment as the existing pipe, there is no clear method of making a watertight and secure connection to close the gap between a section of newly installed pipe and the existing pipe to allow all bypass pumping to be turned off every weekend. Although MSD is willing to consider options that the Contractor may present during construction, for bidding purposes, assume the bypass system must remain in operation at all times.
14. The bypass pumping specifications state that the Contractor needs to maintain a sufficient number of spare parts onsite, how should we define sufficient?
 - a. Response: Provide a minimum of 50% redundancy.
15. The bypass pumping specifications state that a trained and qualified attendant shall maintain the bypass system, what training or qualifications are required?

- a. Response: No specific training or qualifications are required other than that person should have all the knowledge, experience, tools, and equipment needed to properly operate, maintain and repair all aspects of the bypass system.
16. Is sheet piling or other trench shoring methods required and is that an extra cost?
- a. Response: No additional compensation will be paid for trench shoring, include all costs in the appropriate bid items. Specifications require a Contractor designed system and shop drawing be submitted in advance of work.

With the issue of this addendum, no further questions answered.

Sincerely,

HDR Engineering, Inc. of the Carolinas

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Project Manager

