

ADDENDUM NO. 1
JWSC PROJECT NO. 409
LIFT STATION NO. 2030 UPGRADE AND FORCEMAIN IMPROVEMENTS (PART A)
SEA ISLAND RD WATER MAIN EXTENSION (PART B)
FOR THE
BRUNSWICK-GLYNN COUNTY JOINT WATER AND SEWER COMMISSION

General

- 1) The Bidder's attention is drawn to the following project requirements.
 - a. Only approved backfill will be allowed on the project in accordance with the Division 2 Specifications and Contract Drawings.
 - b. Contractor shall be responsible for restoration and replacement of existing conditions to equal or better condition, as noted in the Contract Specifications and Drawings, including within the Hamilton Landing Subdivision.
 - c. Protection of the adjacent roadway and shoulder areas, particularly along Sea Island Road is of paramount importance to the Brunswick-Glynn County JWSC and Glynn County. Contractor will be required to provide a plan and details for excavation, stabilizing the roadway shoulder and reestablishing shoulder after installation of the forcemain and water main.
 - d. Protection of the marsh and Dunbar Creek are of paramount importance to the Brunswick-Glynn County JWSC and Glynn County. Contractor shall not disturb areas indicated as buffer areas on the Contract Drawings.
 - e. The Emergency Pipe Repair Quick Connect Assemblies noted in Specification 02960 and on the Contract Drawings shall be assembled and maintained in the vicinity of the forcemain construction.
- 2) A 200A generator receptacle shall be provided in the pump control panel.
- 3) Provide a 3% line reactor for each VFD as per JWSC Standards.
- 4) Square D VFDs are acceptable as per JWSC Standards
- 5) Flange mounting VFDs using gaskets shall be used.
- 6) Thermostatically controlled fans shall not be installed in the pump control panel.
- 7) The size of the pump control panel shall be 72" x 72" x 20" cabinet panel. Electrical drawings are revised as described in the Drawings section of this Addendum.

Specifications

- 1) Invitation for Bids – The Scope of Work descriptions for Part A and Part B have been modified to update the linear footage of open cut 16” forcemain and 12” water main and to remove reference to installation via jack-and-bore. The modified Invitation for Bids is included in Addendum No. 1.
- 2) Instructions to Bidders - The Work to Be Done, Scope of Work descriptions for Part A and Part B have been modified to update the linear footage of open cut 16” forcemain and 12” water main and to remove reference to installation via jack-and-bore. The modified Instructions to Bidders is included in Addendum No. 1.
- 3) Bid Form – The Bid Form has been modified to revise the base bid sections for Part A and Part B to include open cut construction across Sea Island Road. The bid alternates have been removed. Additionally reference to jack-and-bore in the qualifications has been removed. Part A base bid section has also been modified to revise the area of the concrete pad for the pump station controls. The modified Bid Form is included in Addendum No. 1.
- 4) Special Conditions – The Special Conditions have been modified to add section 8.0 which addresses Contractor requirements regarding Sewer System Overflows related to Contractor activities. The modified Special Conditions are included in Addendum No. 1.
- 5) Section 01025 – Measurement and Payment – The modified Section 01025 has been included in Addendum No. 1.
 - Paragraph 1.06 G. 2. Regarding payment for Temporary Bypass System Operations has been modified to note the inclusion of any vacuum/pumper trucks and cleanup operations as necessary.

Payment: Payment of the applicable unit price shall be full compensation for furnishing all labor, materials, equipment and fuel, as necessary for temporary bypass system operations as required, including preparation of all submittals and plans required, setup and takedown, pumps, piping, and hoses, fittings, valves, supports, LineStops, Insert Valves, tanks, tankers, vacuum/pumper trucks, temporary bypass and service piping, hauling and proper disposal of sewage, cleanup, flow and pressure monitoring and logging equipment, plugging, gasoline/diesel fuel, protection of existing facilities, utilities, and property, traffic maintenance, bypass equipment protection, signs and barriers, and all incidental work required to satisfactorily complete this item.

- Paragraph 1.06 H. 2 regarding payment for Emergency Pipe Repair Quick Connect Assembly has been modified to note that the cost for handling, cleanup, monitoring and notification of sewer system overflows is included in the unit cost price for the proposed forcemain construction.

Payment: Payment will be made at the lump sum contract price and shall include all labor, materials, and equipment to furnish the piping assembly to the project site including the piping, fusion welding or joining methods, all fittings/couplings and accessories, testing and inspection. The Owner shall maintain the assemblies at the conclusion of the contract. The cost for delivery of the assembly along the forcemain route, use of assembly and connection to existing forcemain necessary to repair breaches, repairs of existing forcemain breaches, and handling, cleanup, monitoring and notification of sewer system overflows as noted in the Special Conditions shall be incorporated into the unit cost price for the proposed forcemain construction.

- Paragraph 1.06 M. 2. Regarding payment for Pressure Piping (Sewer) (Varies by Size, Material, and Above or Below Grade by Open Cut) has been modified to note the inclusion of the cost of items related to the transfer of the Quick Connect Pipe Repair Assembly, use of the Assembly, repair of the existing forcemain, and handling, cleanup, monitoring and notification of sewer system overflows and also the removal and replacement of stormwater flumes along the route.

Payment: Payment will be made at the contract unit price bid per linear foot as stated in the Bid Proposal for Pressure Sewer Piping (Above or Below Grade by Open Cut) and shall include all labor, materials, and equipment to construct the respective pipeline including coordination with existing utilities, protection of existing utilities including service connections, tree protection, excavation, sheeting, shoring and bracing, removal and replacement of flumes, dewatering, groundwater treatment and disposal, backfill, compaction, and grading, all testing, swabbing, flushing, site restoration (unless specifically noted otherwise), clean-up, and record drawings. This item also includes all necessary restraining devices, locate wire system, detection tape, identification markers. Also included in this item are the cost for delivery of the Quick Connect Pipe Repair Assembly along the forcemain route during the course of construction, use of the Assembly and connection to existing forcemain as necessary to repair breaches, repairs of any existing forcemain breaches, and handling, cleanup, monitoring and notification of sewer system overflows as noted in the Special Conditions shall be incorporated into the unit cost price for the proposed sewer pressure piping construction.

6) Section 01065- Permits and Fees. The modified Section 01065 is included in the Addendum No. 1.

- The EPD NPDES Permit Number has been added to this Section.

7) Section 02960 – Temporary Bypass Systems. The modified Section 02960 is included in the Addendum No. 1.

- Paragraph 1.01 A. has been modified to add the following language at the end of the paragraph:

Should such interruption or backup of existing sewer infrastructure occur, Contractor shall provide all equipment and vacuum/pumper trucks which may be necessary to reduce the potential for sewer spills and maintain the up and downstream flows, and properly dispose of all collected sewage.

- Paragraph 3.01 D. regarding accidental spills and overflows has been modified to add the following language at the end of the paragraph:

Refer to the Special Conditions for additional requirements.

8) Section 11600 – Permanent Backup System. The modified Section 11600 is included in the Addendum No. 1.

- Table 11600-A has been revised and is included in the Addendum No. 1.

9) Section 11700 – Submersible Pumps. The modified Section 11700 is included in the Addendum No. 1.

- Table 11700-A has been revised and is included in the Addendum No. 1.

Drawings

1) Drawing Number INDEX. The revised drawing is included in the Addendum No. 1.

- The “Jack and Bore” references were replaced with “Mill and Resurface”.

2) Drawing Numbers FM-C1 through FM-C22 and W-C1 through W-C8. The revised drawings are included in the Addendum No. 1.

- Under “Notes”, the word “embankment” was added to the note to read:

All areas disturbed by construction which are within a ditch or an embankment from top of bank to toe of slope shall be restored with sod. All other unpaved areas disturbed by construction shall be restored with seed and mulch. Contractor shall maintain such restoration areas until grass vegetation is established.

3) Drawing Numbers FM-C15, FM-C15A, and FM-C16. The revised drawings are included in the Addendum No. 1.

- The forcemain installation at the Hawkins Island Drive and Sea Island Road intersection has been revised to show open cut across Sea Island Road.
- 4) Drawing Numbers W-C7 and W-C8. The revised drawings are included in the Addendum No. 1.
- The water main installation west of Salt Marsh Drive along Sea Island Road has been revised to show open cut across Sea Island Road.
- 5) Drawing Number LS-2. The revised drawing is included in the Addendum No. 1.
- The pump station has been revised to require 30 HP pumps instead of 20 Hp pumps with the required spacing and revised access hatching dimension.
- 6) Drawing Number W-D4. The revised drawing is included in the Addendum No. 1.
- A specific asphalt open cut detail for Sea Island Road per Glynn County has been added to this drawing sheet. The standard JWSC Detail 2-22 (Asphalt Pavement Replacement) for other asphalt open cuts is still shown on W-D4.
- 7) Drawing Numbers EC-5 through EC-12. The revised drawings are included in the Addendum No. 1.
- Erosion Control Sheets have been revised to show sodding within a ditch or embankment.
- 8) Drawing Numbers NOTES-1 and NOTES-2. The revised drawings are included in the Addendum No. 1.
- The notes have been revised as per GSWCC plan review comments.
- 9) Drawing Number MOT-4. The revised drawing is included in the Addendum No. 1.
- The drawing has been revised to show open cut construction across Sea Island Road.
- 10) Drawing Number MOT-6. The revised drawing is included in the Addendum No. 1.
- The drawing has been revised to show open cut construction across Sea Island Road.
- 11) Drawing Number E-1. The revised drawing is included in the Addendum No. 1.
- The electrical plan has been revised to accommodate the 30 HP pumps.
- 12) Drawing Number E-2. The revised drawing is included in the Addendum No. 1.

- The electrical plan has been revised to accommodate the modified pump control panel size.