

SECTION 01025 MEASUREMENT AND PAYMENT

PART 1 – GENERAL

1.01 SCOPE

- A. The bypass pumping services is for emergency purposes. The associated GDOT project does not impact the existing sanitary sewer pipe. However, the construction activities, such as equipment movement in the area, may disturb the existing pipe. As such, the following measurement and payment specified are specific to these conditions.
- B. The Schedule of Prices lists each item of the Project for which payment will be made. No payment will be made for any items other than those listed in the Bid.
- C. Required items of work and incidentals necessary for the satisfactory completion of the work which are not specifically listed in the Bid, and which are not specified in this section to be measured or to be included in one of the items listed in the Bid, shall be considered as incidental to the work. All costs thereof, including Contractor's overhead costs and profit, shall be considered as included in the lump sum or unit prices bid for the various items. The Contractor shall prepare the Bid accordingly.
- D. Work includes furnishing all plant, labor, equipment, tools, and materials not furnished by the Owner, and performing all operations required to complete the work satisfactorily, in place, as specified and as indicated on the Drawings.
- E. All estimated quantities stipulated in the Bidder's Unit Price Form or other Contract Documents are approximate and are to be used only:
 - 1. As a basis for estimating the probable cost of the Work.
 - 2. For the purpose of comparing the bids submitted for the Work.
- F. The basis of payment for work and materials will be the actual amount of work done and materials furnished. Payment for assessment and assessment-related activities or any other items of work for payment will be made on a linear foot, vertical foot, square foot, square yard, cubic yard, tons, or each based on the Contractor's measurement, contingent on verification by the Owner or Owner's Representative. Contractor agrees he will make no claim for damages, anticipated profits, or otherwise on account of any difference between the amounts of work actually performed and materials actually furnished.
- G. When submitting pay requests for periodic payment, the following documentation should be submitted at a minimum:

1. Contractor Payment Checklist.
 2. Application for Payment Form.
 3. Payments Summary Sheet.
 4. Narrative of Work Performed.
- H. Additional instructions and/or requirements may be provided by the Owner or Engineer at the project Pre-Construction meeting.

1.02 DESCRIPTIONS

- A. Measurement of an item of work will be by the unit indicated in the Bid.
- B. Final payment quantities shall be determined from the actual quantities applicable to each item. The precision of final payment quantities shall match the precision shown for that item in the Bid.
- C. Payment will include all necessary and incidental related work not specified to be included in any other item of work listed in the Bid.
- D. Unless otherwise stated in individual sections of the Specifications or in the Bid, no separate payment will be made for any item of work, materials, parts, equipment, supplies, or related items required to perform and complete the work. The costs for all such items required shall be included in the price bid for the item of which it is a part.
- E. Payment will be made by extending unit prices multiplied by quantities provided and then summing the extended prices to reflect actual work. Such price and payment shall constitute full compensation to the Contractor for furnishing all plant, labor, equipment, tools, and materials not furnished by the Owner and for performing all operations required to provide to the Owner the entire Project, complete in place, as specified and as indicated on the Drawings.
- F. "Products" shall mean materials or equipment permanently incorporated into the work.

1.03 MOBILIZATION AND TESTING

- A. This item shall consist of the mobilization of the Contractor's forces and equipment necessary to install the bypass pumping equipment required under the Contract. It includes installation of the bypass pumping system and the testing of the installed bypass pumping equipment to ensure that the system meets or exceeds the requirements of Specification 02740, Temporary Sewer Flow Control, and is ready when needed.

- B. Payment for mobilization and testing will be made at the proposal unit price for the item and will constitute full compensation for all labor, equipment, tools, materials and other items necessary and incidental to the completion of the work.
- C. Payment for testing shall be for a completed operational testing of the bypass pumping system showing the equipment meets or exceeds the requirements of Specification 02740, Temporary Sewer Flow Control. No additional payment shall be made for any failed testing of the bypass pumping system to complete operational testing.
- D. Seventy-five percent of the Mobilization and Testing unit price item shall be paid for Mobilization. Twenty-five percent of the unit price item shall be paid for Testing.

1.04 SYSTEM STAND-BY PERIOD

- A. General: System Stand-by Period is applicable after the bypass pumping system has been completely installed, tested, and ready to be operational.
- B. All costs for System Stand-By Period shall include furnishing all materials, labor, and equipment required to maintain the bypass pumping system when it is not operating. All periodic visits required to maintain, test, and/or repair the equipment for this period shall be included.
- C. Quantities for payment shall be based upon actual time where the bypass pumping system is available but not in use.
- D. Final payment shall be determined by the period between Mobilization and Testing is completed and when Demobilization begins. The quantity will exclude the period when system operating period is applicable.

1.05 SYSTEM OPERATING PERIOD

- A. General: System Operating Period is applicable after the bypass pumping system has been completely installed and tested This item is associated with the required bypass pumping operation.
- B. All costs for System Operating Period shall include furnishing all materials, labor, and equipment required to mobilize, start-up, operate, maintain, and shut-down the bypass pumping system as specified in Specification 02740, Temporary Sewer Flow Control.
- C. Payment for Pump Start-up shall be made at the unit price bid. All costs associated with mobilization to the site, isolating the existing gravity sewer, and initiating the start of the bypass pump(s) shall be included with the starting of the pump(s).
- D. Payment for Pump Operating Period shall be made at the unit price bid. Quantities for payment shall be based upon actual time where the bypass pumping system is in use, and pump runtime reports. All costs associated with the pump(s) observation, maintenance, and shut-down shall be included.

- E. Final payment shall be determined by the data collected on the runtime clocks of the equipment that is confirmed by the Engineer and Contractor.

1.06 DEMOBILIZATION

- A. This item shall consist of the demobilization of the Contractor's forces and equipment necessary for performing the work required under the Contract. Demobilization shall include, but not limited to, the removal of all bypass pumping system equipment and associated materials. It does not include demobilization for specific items of work for which payment is provided elsewhere in the Contract.
- B. Payment for demobilization will be made at the proposal unit price for the item and will constitute full compensation for all labor, equipment, tools, and other items necessary and incidental to the completion of the work.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

END OF SECTION