

**SECTION 01010
SUMMARY OF WORK**

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Summary: This package of the City of Atlanta's Water Supply Program Project consists of constructing the initial build-out of proposed River Intake raw water pump station, a flow control connection from the tunnel network to the existing Chattahoochee plant, and associated yard piping installation and rehabilitations, discharge, access roads, grading, lighting, buildings, erosion and sediment controls, and all other items required by the Drawings or Specifications to complete the Work.
- B. Major Portions of the Work consist of, but are not limited to, the following items:
1. Construction of the River Intake Pump Station (RIPS), with full build-out of structural and yard piping components.
 2. Installation of 3 vertical turbine pump and 2 screens in the RIPS structure, as shown on the Drawings.
 3. Installation of the power service ductbank at Peachtree Pump Station from the connection to the existing plant switchgear to RIPS. The ductbank must be installed beneath Peachtree Creek via trenchless methods.
 4. Coordination with the City's security department and contractors for the installation of building and site security equipment.
 5. Three vertical turbine pumps and motors that have already been selected by the Owner after a best value evaluation and procurement process. Pumps shall be as specified in Section 11318 and shall be provided by Flowserve.
 6. The Bid Form for this project includes Optional Adders that include additional items to be installed under this project if the Owner chooses to have the work performed. These adders include the following:
 - a. a 4th vertical turbine pump, 3rd screen, associated piping, valves, supports, power and controls, and other appurtenances, as well as a 2nd transit time meter in the RIPS site meter vault
 - b. A trolley and bridge crane over the pump station as specified in the contract documents, and flow connection from Chattahoochee shaft to Chattahoochee WTP. Installation of the flow connection from the Chattahoochee Shaft to the Chattahoochee WTP influent piping, consisting of a liner plate tunnel constructed beneath the CSA railroad with 60-inch carrier pipe, the connection to the stub out to the Chattahoochee Tunnel Shaft, and the piping, valving, flow control valve and vault and

tie-in's to the existing Chattahoochee WTP water supply piping.

- c. The project award will be based on the Base Bid, not including the cost of the adders. The Owner will then decide whether to include the work of any adder based other available funding

1.02 PROJECT LOCATION

- A. The equipment and materials to be furnished will be installed at the locations shown on the Bid Drawings.
- B. (Not Used)

1.03 QUANTITIES

- A. The Owner reserves the right to alter the quantities of work to be performed, extend or shorten the improvements at any time when deemed necessary, and the Contractor shall perform the work as altered, increased or decreased.
- B. (Not Used)

1.04 PARTIAL OWNER OCCUPANCY

- A. The existing facilities to which these improvements are being made will continue operation during the period of construction.
- B. (Not Used)

1.05 QUALITY CONTROL AND ASSURANCE

- A. Each Bid Package Contractor shall coordinate and comply with the Project's Quality Control and Assurance Plan that has been prepared for this project, as well as additional requirements as stated on the Drawings or individual technical specifications governing the Work.

1.06 TEMPORARY FACILITIES

- A. Each Bid Package Contractor shall include provision in the prices bid to provide their own temporary facilities, utility services, onsite material and equipment storage and security, etc.

PART 2 – PRODUCTS – (NOT USED)

PART 3 – EXECUTION – (NOT USED)

River Intake Pump Station

+++ END OF SECTION 01010 +++