

## SECTION 01 11 00

### SUMMARY

#### PART 1 - GENERAL

##### 1.01 SECTION INCLUDES

- A. Summary of the Work
- B. General Requirements

##### 1.02 SUMMARY OF THE WORK

- A. The work which comprises the Base Bid for this project consists of the renovations and improvements to the Bicentennial Mall State Park Fountain. This includes, but is not limited to, construction of a new underground equipment vault, installation of a new LED lighting system, modifications to the existing chemical vault and fountains, a new filtration and disinfection system, and all related site work, piping and electric for a complete and operable system.

##### 1.03 WORK SEQUENCE

- A. Once a Notice to Proceed is executed the Contractor shall immediately remove the grates and send them for modifications. Existing openings shall be covered and marked with paint and signage as appropriate to warn the public of a tripping hazard. Covers shall be adhered to the existing concrete with a continuous strip of adhesive; edges of coverings shall be chamfered to reduce the tripping hazard.
- B. Prior to any construction activity Contractor shall remove existing wire from existing conduit run from the Electrical Switchgear Room to the Equipment Vault. Contractor shall verify integrity of conduit using video inspection and properly trained personnel. Results shall be recorded and provided to Owner and Designer.
- C. Prior to any construction activity Contractor shall verify by hydraulic pressure testing that all existing piping shown to be reused is acceptable for re-use. Results shall be recorded and provided to Owner and Designer.
- D. Following the verification of the existing piping and conduit the Contractor may proceed with construction per the Construction drawings and specifications.

##### 1.04 GENERAL REQUIREMENTS

- A. Smoking and Fire Precautions: No smoking, fire, or use of any fire or explosion producing tools or equipment shall be permitted on the premises or at any

locations where such may endanger said premises or the current operations thereon.

- B. **Manufacturers Qualifications:** The manufacturers of all materials and equipment used must be reputable and regularly engaged in the manufacture of the particular material or equipment for the use and service to which it will be subjected.
- C. **Protection of Public and Private Property:** Take special care in working areas to protect public and private property. The contractor shall replace or repair at his own expense any damaged water pipes, power and communication lines, or other public utilities, roads, curbs, gutters, sidewalks, drain pipes, ponds or pond structures, sewer drainage ditches, all properties and fixtures (both permanent and temporary) fences, and all plantings, including grass or sod on the site of the work. Leave the site in original or better condition after all cleanup work has been done.
- D. **Markers:** Preserve all USGS, TVA, and State of Tennessee property markers and private markers. Do not remove or disturb any such markers without prior approval from the Owner. Any removal and replacement of such markers shall be at the expense of the Contractor.
- E. **Pavement Repair and/or Replacement:** Whenever pipe trenches are cut across or along existing pavement or shoulders, backfill same and restore traffic over the cuts as quickly as possible by constructing a temporary surface with twelve (12) inches of Class A, grade D crushed stone. Add material and otherwise maintain such surface until the permanent pavement is restored by the Contractor or until the entire project is accepted.
- F. The Contractor shall be solely responsible for all means, methods, techniques, sequences, and safety of construction. He shall hold the Owner and Designer harmless of any fines, penalty, or judgement arising thereof.
- G. **Approved Chemicals:** All chemicals used during project construction or furnished for project operation, whether herbicide, pesticide, disinfectant, polymer, reactant, or of other classification, must show approval of either EPA or USDA. The use of all such chemicals and the disposal of residues shall be in strict conformance with instructions.
- H. **Utilities:** The Contractor is to contact the Owner of all underground utilities before beginning construction in the area. Contractor shall determine exact location of all existing utilities prior to beginning construction in accordance with *State of Tennessee, Title 65 – Public Utilities and Carrier, Chapter 31 Underground Utility Damage Prevention Act*. Carefully protect from damage all utilities in the vicinity of the work at all times. If it is necessary to repair, remove, and/or replace any such utility in order to complete the work properly, do so in compliance with the rules and regulations of the particular utility involved. Any

such work shall be considered incidental to the construction of repairs of utility lines, and no additional payment will be allowed therefore.

- I. Project Coordination: The Contractor shall plan and schedule his work with the Owner in accordance with the Contract Document instructions. The Park will be open to the public and will be in use during the time of construction. Harrison Street is to be closed to thru traffic for the duration of the project. Harrison Street shall be used as temporary excavation material storage and other construction material layout area. Contractor to protect pavements, curbs and gutters.
- J. Maintenance of Traffic: The Contractor shall maintain access to all properties (pedestrian and vehicular) during the construction process. He shall coordinate all traffic control with the Owner. The Contractor will provide and maintain all traffic control devices.
- K. Neither the Owner or Designer has conducted a subsurface investigation. The Contractor by submission of his bid certifies that he has visited the site and is familiar with all conditions that may arise.
- L. No record drawings of existing underground piping or wiring exist. Data shown on drawings is approximate. Contractor shall exercise all due caution in conducting excavation activities.

**PART 2 - PRODUCTS**

Not Used

**PART 3 - EXECUTION**

Not Used

**END OF SECTION**

