

SECTION 01010

PROJECT SUMMARY

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Summary of the Work
- B. Project Order
- C. General Requirements

1.02 SUMMARY OF THE WORK

- A. The contractor shall remove two valves and install two new valves and some piping, and demolish two concrete vaults. Once the new piping is pressure tested, lagoon leakage testing and sealing can start.
- B. The Contractor shall perform a leakage test of the lagoon, then apply the leakage repair product. Approximately 72 hours later, the contractor shall perform a second leakage test of the lagoon.

1.03 EXECUTION AND COORDINATION OF THE WORK

- A. It is intended that the work covered by this Contract be done so as to cause minimum interference with the normal operation of the wastewater treatment system and City roads/streets. The Contractor shall organize and schedule his work so as to keep facilities in operation during the construction period insofar as is consistent with the nature of the construction work to be performed.
- B. The Contractor shall have sufficient materials, equipment, labor and supervision available to accomplish the work required in the time allocated for any shutdown.
- C. Specific coordination items are listed for the Contractor's benefit.
 - 1. Owner shall assist the Contractor in pump station shutdowns and valve closures as needed.

1.04 PROJECT TIME

- A. Final completion for this project is set at 90 calendar days after the date the Contract Time commences.

1.05 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. **Contractor Shall Pay for All Laboratory Inspection Service:** All materials and equipment used in the construction of the project shall be subject to adequate inspection and testing in accordance with accepted standards. The laboratory or inspection agency shall be selected by the Contractor and approved by the Engineer and/or Owner. Contractor to pay for all laboratory inspection services as a part of the Contract. Submit all material test reports to the Owner in triplicate.
- D. **Compliance With State and Local Laws:** Comply with all applicable requirements of state and local laws and ordinances to the extent that such requirements do not conflict with federal laws or regulations.
- E. **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.

Reasonable care shall be taken during construction to avoid damage to vegetation. Ornamental shrubbery and tree branches shall be temporarily tied back, where appropriate, to minimize damage. Trees which receive damage to branches shall be trimmed of those branches to improve the appearance of the tree. Tree trunks receiving damage from equipment shall be treated with a tree dressing.
- F. **Sewer Bypassing or Overflows:** No wastewater bypassing shall occur during construction unless a schedule has been approved by the Division of Water and/or by EPA/NEPA permit if required.
- G. **Markers:** Preserve all USGS, TVA, and State 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.

- H. Non-discrimination: The Contractor agrees to hire qualified persons without regard to race, creed, color, sex, or national origin for the performance of the work specified in this contract.
- I. Highway Department Permits: The Owner shall secure any permits and provide bond as required by the Tennessee Department of Transportation or Benton County, Tennessee for the installation of permanent facilities on highway rights-of-way. All such work shall be coordinated with and be subject to the approval of TDOT.
- J. 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.
- K. Contractor shall update maps based on the evaluation work. Any discrepancy between manhole locations and/or line segment connections shall be noted on the plans. Contractor will be provided with a sufficient number of sets of plans to clearly and legibly show any revisions or changes.

Additionally, Contractor shall maintain an “up to date” set of As-Built Drawings.

PART 2 - PRODUCTS

Not Used

PART 3 - EXECUTION

Not Used

END OF SECTION