

SECTION 01 10 00

SUMMARY OF WORK

PART 1 - GENERAL

1.01 SCOPE OF WORK

- A. The Contractor's Scope of Work includes, but is not limited to, repair of the existing sewage collection and treatment system, including infiltration, leaks, and treatment capacities and all required/related work in accordance with the Contract Documents.
- B. Contractor shall furnish all materials, power, equipment, tools labor, transportation, temporary services, and other items necessary or convenient to the Contractor for the installation of the equipment, materials, and products specified or described in these Contract Documents and for the completion of all work to be performed by the Contractor as specified within the Contract Documents.
- C. Project Location: Fall Creek Falls State Park located at 2009 Village Camp Road, Spencer, Van Buren County, Tennessee 38585.
- D. Description of Work
 1. Installation of new septic tank and effluent pumping (STEP) system at the Betty Dunn Nature Center and the installation of a buried force main from the pumping system to a discharge point in Campground Area C per the specifications and as shown on the drawings.
 2. Trenchless rehabilitation of existing sanitary gravity sewer lines including service lateral reinstatement, installation of new manhole, and all related appurtenances per the Contract Documents.
 3. Rehabilitation of existing sanitary manholes and other miscellaneous work on existing sanitary manholes in accordance with the plans and specifications.
 4. Rehabilitation of existing Campground sewer pump station, including the installation of a buried forced main as shown in the Contract Documents.

1.02 PROJECT COORDINATION

- A. The Contractor shall be responsible for project coordination which includes, but is not limited to the following:
 1. Work of Employees and Subcontractors under contract to him.
 2. Conduct work to ensure compliance with schedules.
 3. Providing and maintaining all temporary utilities necessary to prevent any interruptions/shutdowns or disruptions to the Parks day to day operations.

4. Obtaining and use of all temporary structures, facilities, offices and storage sheds.
5. Obtaining any required permits or approvals from all authority's having jurisdiction.
6. Testing laboratory services needed to perform the Contractor's scope of work.
7. Check out systems/equipment and start-up operations.
8. Provide progressive cleanup throughout project duration.

1.03 CONTRACTOR'S USE OF PREMISES

- A. **The Contract duration will be two-hundred seventy (270) calendar days** commencing on and including the date Notice to Proceed is given during which time the Contract may occupy the site Monday thru Thursday from 7am to 7pm. No work will take place on Fridays, Saturdays or Sundays unless approved by the Park Manager.
- B. **The Park will remain open to visitors at all times during the project duration.** The Contractor shall maintain access to all park facilities and maintain his construction activities to minimize the amount of disturbed area to the fullest extent possible. Any disruptions to any area of the Park must be coordinated with the Designer and Park Manager at least two (2) weeks in advance.
- C. All emergency ingress and egress routes shall remain open and clear for emergency personnel during the duration of the project.
- D. Contractor shall take special care to protect public and private property and shall provide all necessary barricades, fencing etc. to prevent unauthorized entry in areas where the work is taking place.
- E. The Contractor shall employ the use of best engineering practices, temporary facilities and/or mobile sewage handling equipment, when necessary to prevent any utility disruptions to the normal operations of the Park.
- F. Work associated with the Installation of new septic tank and effluent pumping (STEP) system and forced main at the Betty Dunn Nature Center shall begin upon the Contractor receiving the Notice to Proceed to Construction Phase. Work associated with sewer line rehabilitation, manhole rehabilitation and Campground pump station rehabilitation may not commence until November 6, 2017 and shall be completed by the required substantial completion date which will be established at the time Notice to Proceed is given.

1.04 OWNER OCCUPANCY

- A. Fall Creek Falls State Park is one of the most visited Parks in the Southeast and will remain open to the public.
- B. The Owner will continue to operate all facilities and features of the Park for the duration of the project.
- C. The Parks personnel shall be given access to all areas of the Park during construction period.

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 Services** and shall be approved by the Designer in accordance with Section 01 43 25 "Testing Lab Services". All materials and equipment used in the construction of the project shall be subject to adequate inspection and testing in accordance with accepted standards.
- 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 structures or vehicles damaged 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.
- F. **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.
- G. **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.

- H. 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

- I. Preservation of Existing Vegetation: Take reasonable care during construction to avoid damage to vegetation. Where the area to be excavated is occupied by trees, brush or other uncultivated vegetable growth, clear such growth from the area and dispose of it in a satisfactory manner. Leave undisturbed any trees, cultivated shrubs, flowers, etc., situated within public rights-of-way and/or easements through private property but not located directly within excavation limits. Transplant small ornamental trees, cultivated shrubs, flowers, etc., located directly within excavation limits so they may be replaced during property restoration operations. Do not remove or disturb any tree larger than 8 inches in diameter without the permission of the Owner. Take special precautions (including the provision of barricades and the temporary tying back of shrubbery and tree branches) for the protection and preservation of such objects throughout all stages of construction; the Contractor will be held liable for any damage that may result to said objects from excavation or construction operations. Trim any limbs or branches of trees broken during construction operations with clean cut, and paint with an approved tree pruning compound. Treat tree trunks receiving damage from equipment with a tree dressing.

- J. 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.

PART 2 - PRODUCTS

N/A

PART 3 - EXECUTION

N/A

END OF SECTION