

SECTION 01 10 00

SUMMARY

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Summary of the Work
- B. Owner Occupancy
- C. Construction Sequencing
- D. General Requirements

1.02 SUMMARY OF THE WORK

- A. The work which comprises the Base Bid for this project consists of pavement repairs within Lots A,B, E and Y at the Volunteer State Community College Campus. This includes, but is not limited to, replacing the asphalt parking area at lots A and B, fog sealing and striping lots E and Y, and all related appurtenances. Also included in the Base Bid is the construction of a walking trail, pedestrian bridge, drainage improvements, crosswalks and all related work.

1.03 OWNER OCCUPANCY

- A. The site is currently occupied by the Owner and occupancy will continue throughout construction. The Drawings suggest sequencing to accommodate the parking needs of the Owner.
- B. The Senior Director of Plant Operations is Will Newman with Volunteer State Community College. The Contractor will be responsible for coordinating all construction, road/ parking closures, deliveries, etc. with the Plant Operations department. Will's phone number is (615)230-3600.

1.04 MAINTAINING TRAFFIC AND BUSINESS OPERATIONS

- A. The operations performed under this Contract shall be closely coordinated, scheduled and conducted in such a manner and sequence as to cause the least practical interference with the traveling public, fire protection service, public utility service or work by other contractors. No more than one street can be closed at a time. At conclusion of work day, road shall be returned to a passable condition.

- C. When it becomes necessary to make connections, cut-ins, or alterations or to perform any other work that temporarily interferes with normal operations, coordinate such work with the Owner in advance of interruptions and perform the work as directed in a prompt and orderly manner so as to minimize such interference.
- D. The Contractor shall provide, erect and maintain all barricades, warning signs, lights, temporary signals, temporary striping, and other protective devices in accordance with the Manual on Uniform Traffic Control Devices for Streets and Highways published by the FHWA. Signs or other traffic control devices that are not appropriate to work being done, shall be removed or covered to the satisfaction of the Engineer so as not to convey wrong information that might distract, mislead or in any way present a hazard to the public. Contractor is responsible for providing proper signage and barriers to direct vehicular and pedestrian traffic around construction areas.

1.05 CONSTRUCTION SEQUENCING

- A. Due to limited parking, Contractor may only close one parking area at a time. Contractor will be expected to schedule work within parking lots in a manner that limits temporary parking.
- B. Contractor shall be prepared that some work may be required to take place on weekend or after normal workday hours.
- C. No work will be allowed within Lots A and B until after the completion of mid-terms (October 14th).
- D. Work within parking lots E and Y shall take place in a minimum of two sequences if students are on campus.
- E. Contractor shall provide notice a minimum of five (5) days prior to construction at each lot to the Owner.
- F. Contractor should note that students are not on campus on Fridays or the following breaks:
 - 1. Fall Break – October 15th and 16th
 - 2. Thanksgiving Holiday – November 21st through 23rd
 - 3. Winter Break – December 17th through January 14th

1.06 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. **Safety:** Keep all flammable liquids in the areas designated. Provide and maintain in working order standard UL labeled, water pressurized fire extinguishers as required.
- I. **Cutting and Patching:** No cutting or patching shall be done except under the direction of the Contractor and the consent of the Designer. Cutting

and patching, when allowed, shall be skillfully managed and in a timely manner.

- J. Damage to Existing Grounds: All damage caused to existing ground or in-place construction shall be made good in a manner acceptable to the Designer. In addition, the Owner must be protected from claims for damages within or without the premises that may result from this Contract.
- K. 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.
- L. Project Coordination: The Contractor shall plan and schedule his work with the Owner in accordance with the Contract Document instructions.
- M. 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.

PART 2 - PRODUCTS

Not Used

PART 3 - EXECUTION

Not Used

END OF SECTION