SECTION 01000

GENERAL REQUIREMENTS

# GENERAL

## WORK INCLUDED

* + 1. Any work performed for the Wise County Public Service Authority and any work within the Wise County Public Service property.

## RELATED DOCUMENTS

* + 1. Drawings and general provisions of Contract, including General and Supplementary Conditions and other Division 1 Specifications Sections, apply to this Section.

## SCOPE OF WORK

* + 1. The Contractor shall furnish all materials, equipment, and labor necessary for work as shown on the drawings. The Contractor shall furnish all equipment and materials for testing.
		2. The Contractor shall be fully responsible for all materials installed and equipment which he has furnished and shall furnish necessary replacements as required for a complete and acceptable job.

## APPLICABLE STANDARDS AND CODES

* + 1. The following is a partial list of typical abbreviations which may be used in the specifications and the organizations to which they refer:

AASHO - American Association of State Highway Officials

AASHTO - American Association of State Highway and Transportation Official

ANSI - American National Standard Institute

ACI - America Concrete Institute

AGMA - American Gear Manufacturers Association

IEEE - Institute of Electrical and Electronic Owner's Representatives

AISC - American Institute of Steel Construction

ASTM - American Society for Testing and Materials

AWWA - American Water Works Association

IPCEA - Insulated Power Cable Owner's Representatives Association

NEMA - National Electrical Manufacturers Association

EEI - Edison Electric Institute

ACIFS - American Cast Iron Flange Standards

ASME - American Society of Mechanical Engineer's

AIA - American Institute of Architects

AWS - American Welding Society

API - American Petroleum Institute

UL - Underwriters Laboratory

NEC - National Electric Code

VDOT - Virginia Department of Transportation

## NUMBER OF SHOP DRAWINGS

### The Contractor shall prepare and submit for review to the Owner's Representative shop drawings for all fabricated work and for all manufactured items required to be furnished by the Contractor as noted in the Contract Documents in accordance with Section 01300.

### Shop drawings shall be submitted as required by individual sections of the technical specifications.

## MEASUREMENT AND PAYMENT

* + 1. Payment for work described in this Section shall be included in the various bid items for this project.

# PRODUCTS (NOT APPLICABLE)

1. EXECUTION

## SCHEDULES

### Schedules shall be updated on a monthly basis and submitted with partial payment estimates.

### Schedules shall be in chronological order according to the start date for each activity. Identify each activity with the applicable specification section number. Each activity on the schedule shall contain an activity number, description, duration, trade, cost, and building area location (if applicable).

### The schedule shall not exceed the Contract Times established in the Contract Documents and shall provide for prompt and efficient execution of the Work.

### The schedule shall include a critical path diagram showing the sequence and interdependence of all activities required for complete performance of the Contractor’s Work, including the placing of orders for materials and equipment, delivery of materials and equipment, and construction of the Project. The schedule shall provide a graphic representation of all activities and events that will occur in the prosecution of the Work; identify the phase of construction; and set forth all critical dates that must be met to ensure timely and orderly completion of the Work within the Contract Times prescribed in the Contract Documents.

### The Contractor may show early completion of the Work on the schedule, should it so elect, but the Contractor shall have no claim for delay damages or constructive acceleration should any delay, whatever the cause, preclude the Contractor from finishing the Project at any point prior to the completion date set forth in the Contract Documents.

### In the event that the project is delayed beyond the Contract Times, the Contractor will be obligated to pay the Owner, in addition to any liquidated damages called for in the Contract Documents or any delay damages permitted pursuant thereto, a sum equal to the Owner’s obligation to pay the Engineer for providing additional Construction Contract Administration services beyond the Contract Times set forth in the Contract Documents.

## NOTICES

* + 1. It shall be the Contractor's responsibility to notify the Owner's Representative at least seventy-two (72) hours in advance of beginning any construction work on the project.

## HANDLING AND STORAGE OF MATERIALS

* + 1. The Contractor shall be responsible for the shipping from Owner storage areas and storing of all materials which may be supplied by the Owner. Any material which is damaged or defective after receipt of same in good condition shall be replaced by the Contractor at the Contractor’s own expense.
		2. 3.3.2 If any material is furnished by the Owner, it shall be the Contractor's responsibility to examine such material at the point of delivery and to reject all defective material. If any Owner furnished material is found to be defective after installation and prior to final acceptance, the Contractor shall replace the defective material with sound material at the Contractor's own expense.
		3. The loading and unloading of all equipment and materials, piping, pumps and other accessories shall be in accordance with the manufacturer's recommended practices and shall at all times be performed with care to avoid any damage to the material.
		4. All materials, once on the job site, shall be stored in accordance with the manufacturer's recommendations.
		5. All miscellaneous valves, fittings, and equipment shall be stored so that they are protected from weather elements. All pipes shall be kept free of dirt and other debris. Any damage to materials shall be repaired in a manner approved by the Owner's Representative. Mechanical equipment and electrical components shall not be stored outside. Mechanical equipment and electrical components shall be stored so that they are protected from outside exposure and moisture.
		6. The Contractor shall be responsible for safeguarding and protecting all material and equipment stored on the job site. The Contractor shall be responsible for the storage of materials in a safe and workmanlike manner to prevent injuries, during and after working hours, until the project is complete.

### Construction Water: The Contractor is responsible for construction water for their job sites. The PSA can provide metered construction water for the construction project upon request.

## GENERAL TESTING REQUIREMENTS

* + 1. The Owner shall perform, or may require the Contractor to perform, such destructive and nondestructive testing, as it deems necessary in order to inspect the materials and workmanship. These tests shall be in accordance with the procedures established by ASTM and AASHTO. The Owner shall reserve the right to allow a deeper test to be made in using the sand-cone method and/or nuclear testing gauges.
		2. The Contractor may at any time employ an approved independent testing agency to check the results of the tests made by the Owner. Should such tests change the Owner results from failure to acceptance, the recheck cost shall be borne by the Owner. If the results do not change the Owner's findings, the cost of the tests shall be paid by the Contractor.

END OF SECTION