SECTION 011100

SUMMARY OF WORK

PART 1 GENERAL

1.01 LOCATION OF WORK

A. Work is located within Morristown, Florham Park, and various other townships within Morris County for the Southeast Morris County Municipal Utilities Authority (SMCMUA).

1.02 PROJECT SUMMARY – BASE BID

A. Replace approximately 6600 feet of Ductile Iron Pipe at various locations in and around the Morristown, NJ area. Refer to Sheet 1 of the drawings for the general locations of the Water Main installations and replacements.

B. Replace approximately thirty-six distribution/transmission main valves located in and around the Morristown, NJ area. Refer to Table 1 of this section for a list of water valves to be replaced. Refer to sheet 1 of the drawings for their locations.

C. Refer to Sheets 3 to 14 and Sheets 21 to 22 of the Bid Drawings for additional information.

1.03 PROJECT SUMMARY – ALTERNATE ONE: HYDRANT REPLACEMENTS

A. Furnish, install and replace approximately twenty-eight (28) fire hydrant assemblies located in and around the Morristown NJ area. Refer to Table 2 of this section for a list of hydrants to be replaced. Refer to Sheet 1 of the drawings for their locations.

B. Refer to Sheets 18 to 21 of the Bid Drawings for additional information

1.04 PROJECT SUMMARY – ALTERNATE TWO: FLORHAM PARK UPGRADES

A. Furnish and install approximately 33 individual water meter pits in the Florham Park area.

B. Replace approximately six (6) hydrants and connect to the existing 16” main.

C. Abandon existing 4” and 6” water mains.

D. Refer to Sheets 15 to 17 of the Bid Drawings for additional information

1.05 PROJECT SUMMARY – ALTERNATE THREE: EMERGENCY WATER MAIN REPAIR

A. Conduct emergency repairs to SMCMUA distribution mains if and where directed by the Engineer.
B. Refer to Section 033010 of the bid specifications for additional information.

1.06 WORK SEQUENCE

A. Perform Work in sequence to ensure completion of the Work in the Contract Time based on SMCMUA’s schedule. Completion dates of the various stages shall be in accordance with the approved construction schedule submitted by the Contractor.

B. SMCMUA must be able to supply drinking water to its customers at all times during construction. The allowable shutdown time shall be approved by the Owner at least 14 days in advance of the scheduled shutdown. Shutdowns may be subject to season, weather and township events. Refer to Table 3 for township restrictions. Some stations are limited to a 24-hour shutdown. Written approval from the Owner shall be obtained prior to any shutdowns.

C. Complete all work at Overlook Road and the Springbrook Golf Course (Sheet 15 of the contract drawings) no later than the date of Notice To Proceed plus forty-five (45) calendar days.

D. Complete all work at George Street and Roe Street (Sheet 14 of the contract drawings) no later than the date of Notice To Proceed plus 70 calendar days.

E. The work on Washington Ave and South Street shall be accomplished one Section at a time. All work related to that section including installation of main and new services, installation of new meter pits, temporary paving, connection into cross mains and abandonment of old main will be accomplished prior to moving construction to the next section.

F. The replacement of hydrants (Table 2 below) and valves (Table 1 below) shall be made concurrent with all other contract work listed in these documents. 50% of this hydrant and valve replacement work shall be complete prior to 50% of the water main work being accomplished and invoiced.

G. In addition to those holidays listed in the General Conditions, the Contractor is advised that the construction schedule should accommodate those special events listed in Table 3 below and avoid construction on South Street and Washington Road, unless otherwise approved by the Engineer.

1.07 CONTRACTORS’ USE OF PREMISES

A. Contractor shall limit its use of the premises to easements and public streets for their Work and for storage to allow for Owner Occupancy.
B. Coordinate use of premises with Owner and Engineer.

H. Contractor shall assume full responsibility for security of all their personnel and subcontractors’ materials and equipment stored on the site.

I. If directed by the Owner or Engineer, move any stored items which interface with operations of Owner or other contractors or public access.

J. Obtain and pay for use of additional storage or work areas if needed to perform the Work.