

SECTION 01000

SUMMARY OF WORK

PART 1: GENERAL

1.01 WORK UNDER THIS CONTRACT

- A. Furnish all labor, materials (except as herein noted), equipment and means to construct the pipeline(s) and other Work as described in the Contract Documents and shown on the Drawings. The Work includes, but is not limited to, the following:
1. Pavement removal, including saw cutting, as required.
 2. Construction and maintenance of bridges and other structures as required for traffic control.
 3. Furnishing of flagmen, traffic warning and control as required.
 4. Sheet piling, bracing and support of trench and adjoining ground where necessary.
 5. Furnish and install thrust blocking and pipe restraint as required.
 6. Handling drainage and water removal.
 7. Guarding the site and materials.
 8. Unloading, loading, hauling, distributing, laying and testing the pipe and appurtenances.
 9. Furnishing materials not provided by the owner to the site (see section 1.03).
 10. Rearranging sewer lateral and other pipes and ducts where necessary.
 11. Excavation and backfilling of trenches and pits.
 12. Restoration of paved and concrete surfaces including curbing.
 13. Removal of surplus excavated material and debris.
 14. Installation of required pipe, fittings and appurtenances.
 15. Performance of pressure and leakage tests.
 16. Disinfecting (and dechlorination) of pipeline.
 17. Site cleaning.
 18. Maintenance of street or other surfaces for the required period of time.
 19. Ground restoration and planting.
 20. Submit schedules, shop drawings and as-built records.
 21. Erosion and sediment control.
 22. Flush & Clean
 23. Call for locates
- B. Please refer to the Standard General Conditions of the Construction Contract for definitions of the Owner, Contractor, Engineer and other terminology that may be used in this specification.
- C. The above general outline of principal features does not in any way limit the responsibility of the Contractor to perform all Work and furnish the required materials, equipment, labor and means as shown or required by the Contract Documents.

- D. Materials, equipment, labor, etc., obviously a part of the Work and necessary for the proper operation and installation of same, although not specifically indicated in the Contract Documents, shall be provided as if called for in detail without additional cost to the Owner.

1.02 WORK BY OWNER

- A. Owner or the Owner's Resident Project Representative (RPR) shall perform certain items of Work related to this project which include the following
 - 1. Mark locations of existing services, valves, mains, etc.
 - 2. Other work, if any, as described below.
 - A. Operate all existing valves necessary to shut-off, flush and reactivate the existing pipelines
 - B. Install meters
 - C. Perform flushing (use of existing hydrants)
 - D. Collect bacteriological samples
- B. Owner shall transfer any lead service lines that are encountered during the work.
- C. See Section 01011 Specifications Special Conditions for appropriate list of tasks provided by owner.

1.03 MATERIALS FURNISHED BY OWNER

- A. The following materials shall be furnished by the Owner. All materials required to complete the Work, but not listed herein, shall be furnished and installed by the Contractor.
 - 1. water meters
- B. See Section 01011 Specifications Special Conditions for appropriate list of materials furnished by owner.

1.04 LOCATIONS

- A. Work is to be performed on Owner's property and/or public rights-of-ways or easements shown on the drawings and described in the Specifications. Work shall be performed by the Contractor within these limits.
- B. It is the obligation and responsibility of the Contractor to determine the exact limitations of the rights-of-way and/or easements and any conditions limiting or affecting the use of the right of way by the Owner and/or the Contractor. All agreements respecting rights-of-way and the easements that are available to the Owner can be made available upon request. The Contractor agrees to indemnify and hold harmless the Owner against any claims made by any property owner, including any claim that the Contractor has failed to keep Contractor work, equipment, materials, or workmen within the limits authorized by the right-of-way and/or easement or any claim that the Contractor has failed to comply with any condition or requirement, or agreement respecting the right-of-way and/or easement.

- C. Some of the locations shown or described in the Contract Documents, such as tie-ins, are approximate and it is the responsibility of the contractor for pinpointing the exact locations.

PART 2: PRODUCTS

2.01 GENERAL

Specifications for the materials and equipment to be provided by the Contractor are detailed in the respective Specification Sections.

PART 3: EXECUTION

3.01 FIELD SURVEY WORK

Lay out the Work in accordance with Paragraph 4.4 of the General Conditions. Owner will provide reference points as noted on the plans.

3.02 COORDINATION

- A. Coordinate work, to phase the construction operations, and provide, install and maintain any temporary connections necessary to prevent interference to operation of Owner's facilities. Any construction work requiring the shutdown of facilities must be scheduled and performed only at such times as shall be authorized by the Owner. Such Work must be completed during the specific periods authorized by the Owner.
- B. It may be necessary that Work will be performed during several shutdown periods and/or during periods of premium time payment to accomplish the desired construction. All costs to perform the Contractor's Work, including premium time payments, shall be borne by the Contractor and are included in the Contract Price.

3.03 REGULATORY REQUIREMENTS

Make necessary arrangements for obtaining and identifying all costs in connection with mandated third party inspections in accordance with Paragraph 13.5 of the General Conditions when the Work is to be done in the third party's transportation or utility right of way and an inspector must be assigned to the Project during the construction of the Work.

END OF SECTION