

SECTION 311015

EXPLORATORY EXCAVATION

PART 1 - GENERAL

1.1 WORK INCLUDED

- A. Furnishing all labor, materials, equipment, and incidentals necessary to perform exploratory excavation, backfill exploratory excavations, and surface restoration.

1.2 DESCRIPTION

- A. Exploratory excavation shall be performed for the purpose of determining the location, size, material, etc., of underground structures and utilities.
- B. Exploratory excavation shall conform to the requirements of Section 012100, Excavation – Sunshine 811.
- C. Damage to existing structures and utilities shall be avoided during exploratory excavation. Any such structures or utilities damaged by the Contractor shall be replaced or repaired at no additional cost to the City.

1.3 CONTROL OF WORK

- A. The locations at which exploratory excavations are to be made shall be determined by the Contractor for facilitating safe and thorough execution of the Work. All exploratory excavations shall be reviewed and approved by the City prior to beginning excavation.
- B. Exploratory excavations may be indicated in the Plans or designated by the City.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION

3.1 SCHEDULING

- A. The Contractor shall consult with the City as to location of the exploratory excavations so that this Work may be scheduled sufficiently in advance of installation of other items of the Work.

- B. The Contractor shall obtain all available information on the location of existing underground structures and utilities prior to starting this type of excavation.
- C. The Contractor shall notify the utility owners of the structures and/or utilities to be affected in sufficient time to allow their representatives to observe the exploratory excavations.

3.2 EXCAVATION

- A. The Contractor shall conduct all excavations with extreme care using tight control machinery supplemented by hand labor so as not to damage any existing structure or utility. If damage occurs, the Contractor shall notify immediately the City and the respective utility owner. The Contractor shall make repairs promptly if authorized by the utility owner or coordinate with the utility owner to facilitate prompt repair and compensation for damages.
- B. The Contractor shall perform exploratory excavations as necessary to investigate and verify the location of existing utilities and any other subsurface facilities. At a minimum, exploratory excavations shall be performed at each connection to an existing main and at each utility main crossing.
- C. The Contractor shall permit the City to observe all exploratory excavations.

3.3 BACKFILL AND RESTORATION

- A. Exploratory excavations shall be backfilled, and the surface shall be restored according with the Specifications unless otherwise directed by the City in writing.

END OF SECTION