

Appendix A - Technical Specifications
1410297246 – Subsurface Utility Engineering and Locate Services

1. Scope

The purpose of this specification is to establish a contract for subsurface utility designate and locate services generally located within the Nassau County, Duval County, and St. Johns County areas on an as-needed basis. No quantity of work is guaranteed. The purpose of the subsurface utility designate and locate services is to physically locate and identify underground utility lines. This contract will allow JEA to perform necessary locate work on an interim basis until capital construction project workload increases and a formal bid is required.

The awarded Company shall be expected to provide utility quality level type A information as described in ASCE Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data CI/ASCE 38-02. The Company shall produce a final report for each location investigated. The report shall include a record drawing showing a plan view of the location investigated and an elevation view of the identified utility. The report shall include any field notes or observations from the technicians performing the investigation. At minimum, the Company shall provide the following data:

Valves

1. Operating Nut Elevation (North American Vertical Datum of 1988, NAVD 88)
2. Final Grade Elevation (NAVD 88)
3. Latitude & Longitude (GPS coordinates)
4. Northing & Easting (State Plane Coordinate System)

Pipe

1. Crown Elevation (NAVD 88)
2. Final Grade Elevation (NAVD 88)
3. Latitude & Longitude (GPS coordinates)
4. Northing & Easting (State Plane Coordinate System)
5. Diameter (inches)
6. Material of Construction

For each Task Order, JEA will prepare a scope of work describing the extent of the area to be investigated. The scope will include a copy of any existing available records (utility quality type D information). The Company shall have seventy-two (72) hours to review the scope, initiate Sunshine State One Call and respond to JEA with a planned locate schedule and with any questions or clarifications needed regarding the scope. Field work is expected to start within three (3) weeks of initial notification.

1.1 General Requirements

The Company shall furnish all labor, supervision, tools, equipment, and transportation, as required, to perform and locate the underground utilities necessary for the performance of this Contract in the manner called for by the terms and conditions herein and to the satisfaction of the JEA.

The Company shall perform the work with the utmost regard for the public safety and welfare, taking necessary safety precautions as required by the local, state, and federal authorities to safeguard and protect the lives and property of all persons, when performing work under this Contract.

The Company shall obtain right of way permits as needed and coordinate their work with the appropriate City, County, or State agency. JEA will provide support documentation for the permit applications and send project representatives to coordination meetings.

The Company shall prepare temporary traffic control plans as needed based on their expected workflow and equipment requirements. The Company shall provide and maintain, in good condition at all times, adequate traffic control devices including but not limited to, warning signs, cones, barricades, and provide certified flaggers for the maintenance and protection of the public and for the protection of the electric facilities and the facilities of other utilities during performance of this Contract. Under certain conditions and for additional safety, an off-duty police officer may be required and paid for by the Company and reimbursed via SWA.

The Company must understand that in some areas within the JEA service area, the working hours are from 9:00 a.m. to 4:00 p.m. in accordance with the City/County Ordinances. Also in a downtown area whenever it is necessary to close parking spaces, a parking rental fee for each parking space closed, may be assessed by the associated City/County Public Parking Division. Parking rental fee shall be paid for by the Company and reimbursed via SWA.

The Company shall contact the JEA at any time that it is necessary to gain access to the JEA's manholes, transformers, switching cabinets, or other JEA facilities.

The Company agrees that the safety of all persons employed by the Company and its subcontractors, agents, or any other persons who enter or are in the vicinity of the area where work is performed under the terms of this Contract, is the sole responsibility of the Company.