

## TECHNICAL SPECIFICATIONS

### LOCATION OF UNDERGROUND UTILITIES

#### **3.1 GENERAL**

The applicable portions of the 1991 Edition of the Florida Department of Transportation's Standard Specifications for road and bridge construction and its supplements with changes pertaining thereto, as amended by the General Specifications and the following Special Provisions, all are hereby made a part of this contract by reference.

Unless otherwise noted, all page references in the Special Provisions refer to the Florida Department of Transportation's Standard Specifications for road and bridge construction.

#### **Definitions:**

- A. Miami-Dade County Traffic Signals and Signs Division-hereafter referred to as D.C.T.S. & S.D.
- B. Business Day: Any day other than Saturday, Sunday, or any legal federal, state, or local holiday.
- C. Excavator: Any person that engages directly in excavation and/or its design, and who requests the location of the County's Underground Facilities related to the D.C.T.S. & S.D.
- D. Identified but unlocatable: An Underground Facility, the presence of which is known, but which cannot be marked with reasonable accuracy.
- E. Sunshine State One-Call of Florida, Inc.: A service through which an entity can notify utility companies of proposed Excavation and request field marking of Underground Facilities, hereafter referred to as Call-Sunshine.
- F. Marking: The use of flags, stakes, paint strips or other clearly identifiable material at distances of every ten feet, and at each divergence from a straight line in accordance with the current marking standards of the Sunshine State One-Call of Florida, Inc., Professional Excavator's Guide to show the field locations of Underground Utility with reasonable accuracy.
- G. Reasonable Accuracy: Locating within twenty-four (24) inches of the outside dimensions of both sides of an Underground Facility or Underground Plant.
- H. Request to Locate: A request to locate ticket will include any and all facility locating within a maximum distance of five hundred (500) feet. The five hundred (500) feet distance shall be limited to a single street, from the center line of the street to right-of-way line, inclusive of both sides of the street and any intersections and up to fifty (50) feet in either direction from the intersection (again inclusive of both sides of the street).  
When a "Request to Locate" exceeds the five hundred (500) feet limit, it must be approved by the County Engineer prior to performing the work. Payment shall be made at a per foot rate equal to Seventy-Five percent (75%) of initial ticket.
- I. Emergency Locate: A request to locate ticket received after a normal eight (8) hour workday, 8:00 AM – 5:00 PM, or during weekends and holidays; these are required when conditions exists that must be resolved within the present workday.



- E. Notify the Excavator of the presence of any identifiable but not locatable utilities of the D.C.T.S. & S.D., and inform the Excavator that location information may not be within the definition of reasonable accuracy.
- F. Notify the D.C.T.S. & S.D. of any discrepancies or omissions in the records, or other information provided to it by the County to the extent such discrepancies and omissions can be determined by the Vendor.
- G. Provide additional services such as surveillance and maintenance of marks and stakes if specifically requested to do so by D.C.T.S. & S.D. Such additional services must be specifically approved by the County, in writing, prior to commencing the work. Any additional work will be compensated at bid prices as specified on the bid submittal form.
- H. Investigate incidents of damage for accuracy of the locate job, and submit to the County a written report. The Vendor must maintain a copy of these written reports for a minimum of six (6) years. If requested, the Vendor will provide testimonial support in cases deemed necessary by the County. The costs for these investigations of damage will be paid at the price specified on Section 4 Bid Submittal Form for a Ticket "B". However, if the damage caused was a result of the Vendor's failure to locate a Locatable Facility with Reasonable Accuracy, the Vendor will not be reimbursed for these charges.

### **3.4 RESTORATION OF PROPERTY**

Property, public or private, if damaged during prosecution of the work, shall be repaired or replaced at the expense of the Vendor to the full satisfaction of the County engineer, prior to the final acceptance of the work.

If the Vendor damages County utilities during work activities, he shall be responsible for their immediate repair. The Vendor is responsible for damage caused by others due to incorrect utility location on the part of the Vendor (locating contractor). The Vendor shall begin repair work within twenty-four (24) hours of notification. In the event of a conflict as to the cause of the damage, the County shall make or cause to be made the required repairs. The County will then make a determination as to the cause of the damage and charge the responsible party for all related restoration costs.

### **3.5 WORK ORDER DESCRIPTION**

Tickets type:

- "A" is applicable when no mobilization is required.
- "B" is applicable when a mobilization is required.
- "C" work in progress or emergency location rates apply only to immediate response to a request from a gas, electric, telephone or water company.
- "D" is applicable when the location was previously located ("B" or "C" Tickets) and the excavator(s) are requesting the location to be re-marked within fifteen (15) work days.

When required and previously authorized by the County, Vendor may be requested to perform surveillance or stand-by work which shall be payable on a per hour basis.

**3.6 WEEKLY REPORT**

The weekly report to accompany and support the invoice will include an itemized tabulation which shows the following information with respect to each locate request the Vendor received:

1. Ticket Number
2. Locate Date
3. Locations of Proposed Excavation
4. Type of Request Ticket A, B, C, D
5. Identify all requests ticket D for re-mark