

EXHIBIT "A"

SCOPE OF SERVICES

FDOT DISTRICT 6

**DISTRICTWIDE UTILITY LOCATING
SERVICES**

FINANCIAL PROJECT NUMBERS:

250723-4-32-01

250723-5-32-01

1.0 PARTIES

The parties to this Contract are the Florida Department of Transportation (FDOT) and Consultant.

2.0 PURPOSE

The primary purpose of this Contract is to provide underground utility locating services to the FDOT, including Physical Locates, Surface Designations and Sanitary Inverts.

3.0 CONSULTANT REQUIREMENTS

- 3.1 Provide all equipment, personnel, travel, and supplies necessary and/or required to perform the locating service.
- 3.2 Secure all necessary plans, plats, records and other available data as provided by utility agency/owners.
- 3.3 Acquisition of any permits/permissions required for the execution of the work, including compliance with the terms thereof, shall be the responsibility of the Consultant.
- 3.4 Comply with applicable underground utility damage prevention laws and regulations.
- 3.5 Coordinate with utility agency/owner, permit, and property owner representatives.
- 3.6 All work to be done in a neat and minimally invasive manner, disturbing only that area required to obtain data.
- 3.7 Excavate test holes to expose the utility to be measured by air or water vacuum in such a manner to ensure the safety of the excavation and the integrity of the utility to be measured. Alternate means of locating the utility may be approved by the Project Manager under special circumstances.
- 3.8 Furnish and install permanent markers directly above centerline of the utility.
- 3.9 Where applicable, provide permanent restoration of pavement within limits of the original cut and warrant the restoration for three (3) years. Whenever test holes are excavated in areas other than pavement, the disturbed areas shall be restored, where reasonably possible, to the condition that existed prior to excavation. The restored area will be subject to the approval of the Project Manager. The Consultant shall follow the appropriate compaction requirements.
- 3.10 Provide all necessary traffic control, labor, equipment, police services, etc. in accordance with the FDOT Design Standards, Index 600 and/or as may be applicable to the project location.

3.11 Provide the following information for each physical locate of a utility in a test hole report format approved by the FDOT. This information will be submitted to the FOOT on or before the completion date indicated on the work authorization.

- (a) Outside diameter of the pipe/cable or width of duct banks, top and bottom and configuration of non-encased multi-conduit systems.
- (b) Distance measured to one tenth of a foot from original ground surface and/or pavement surface to top of utility at the centerline.
- (c) Material composition and color of utility.
- (d) Elevation of top and bottom of utility tied to the data furnished by the FOOT
- (e) Elevation of existing grade over utility at the centerline.
- (f) Horizontal location tied to the data furnished by the FOOT.
- (g) Description of the FDOT benchmarks used to determine elevations.
- (h) Elevations provided shall be within an accuracy of +/- 0.05' based on the benchmarks shown by consultant on the test hole report.
- (i) The utility agency/owner and type of utility.

3.12 Request required "One Call" services prior to commencing test hole excavation, as well as contacting other utility agency/owners that may be affected by the services_

3.13 Begin working on the project specified on the work authorization within 72 hours or as otherwise agreed to by the parties after issuance by the Project Manager. All work begun shall be worked in a continuous and expeditious manner. Failure to do so may constitute unsatisfactory progress.

3.14 Notification shall be provided to adjacent property owners concerning test hole activity on each project.

3.15 The Consultant shall not begin any work under this Contract until requested by the Project Manager.

3.16 Tie all vertical controls to a minimum of two (2) furnished benchmarks, unless otherwise approved by the Project Manager.

3.17 All data supplied to the FDOT for excavation and survey services shall be signed and sealed by a land surveyor registered within the State of Florida.

3.18 Any equipment left on the right-of-way overnight shall be parked as close to the right-of-way line as possible and shall not interfere with pedestrian or traveling public.

- 3.19 No work shall commence on subsequent assignments until the satisfactory completion or progress of previously issued assignments has been confirmed by the FDOT. The only exception to this requirement is when the Project Manager determines that such other work is in the best interest of the FOOT and should be expedited.
- 3.20 Consultant will be paid for a quantity of one (1) physical locate of a utility per each utility located at the requested site, regardless of the number of test holes required to obtain required data to fulfill the assignment. No extra test holes, including dry holes, will be paid for a physical locate of a utility unless approved by the Project Manager.
- 3.21 The pre-negotiated task activities for this contract will be applicable to assignments under this contract.
- 3.22 The pre-negotiated task activities (job class/name) that the consultant will be requested to perform will be completed on an all-inclusive basis covering all items (labor, equipment, excavation, survey, research, MDT, police services, permits, etc.) required to deliver the activity.
- 3.23 Deliverables are to include (as applicable): individual test hole reports, designation sketch/mapping sheet, inverts, electronic submittal with all data, including PDFs and DGN and/or GIS format file for uploading data into plans, VVH table format to follow FDM, and other items as may be requested by the Project Manager,
- 3.24 The consultant will be responsible for all FOOT costs relating to ambiguous/incorrect/insufficient information provided by the consultant for those services requested in the work authorization.
- 3.25 Designating services will be performed in an appropriate manner (scan/sweep, ground penetrating radar, utility locators, etc.) that will provide the most accurate data for the field conditions encountered.
- 3.26 Consultant will be paid for a quantity of one (1) manhole at each location where inverts are requested, regardless of the number of inverts.
- 3.27 Consultant will be responsible for providing QA/QC ensuring that all facilities requested to be designated/physically located for each assignment, without exceptions. are identified.
- 3.28 Consultant will be responsible to provide SUE deliverables with the latest CADD format, as requested by the FDOT Project Manager.

4.0 FDOT RESPONSIBILITIES

- 4.1 The Project Manager will notify the Consultant when to proceed with work by issuance of a work authorization.
- 4.2 Work authorizations shall identify the general location of the physical locates. Locations shall be described geographically or by landmark reference points, typically using plan sheets. Work authorizations will normally be project specific.

4.3 Survey control will be provided to the Consultant for each project, including benchmark elevations/stationing to be used for the required physical locates. Where survey control is not available, an alternative method will be used by the consultant as approved by the Project Manager.

4.4 Work requirements other than those specified in the General Contract and Special Provisions will be the responsibility of the FDOT.

4.5 The Project Manager shall have the authority to suspend the work, wholly or in part, for such time as may be deemed necessary due to conditions that are considered unfavorable for the continuation of the work. The work may also be suspended for such time as is necessary due to the failure on the part of the Consultant to comply with any or all provisions of the Contract. Such suspension shall be ordered in writing, giving in detail the reasons for the suspension.

5.0 CONSULTANT STAFFING

5.1 The control and supervision of the designating and excavating work performed for this Contract by the Consultant or Subconsultant shall be under the direction of an engineer or underground utility locating or designating specialist employed by the Consultant who has had not less than three (3) years experience in the type of work herein described and she / he shall be assigned to the project until all work has been completed or until the FDOT agrees in writing that she / he may be replaced or removed.

5.2 The control and supervision of all survey work shall be under the direction of a land surveyor registered within the State of Florida.

5.3 A staff of competent engineers, surveyors, and specialists adequate in number and experience to perform the described work in the prescribed time shall be assigned to perform work under this Contract.

6.0 PRESERVATION OF PROPERTY

6.1 The Consultant shall preserve from damage all property along the line of work, or which is in the vicinity of or is in any way affected by the work. Any damage occurring to such properties shall be immediately repaired at the Consultant's expense.

7.0 TRAFFIC CONTROL AND ACCIDENT PREVENTION PROCEDURES

- 7.1 The Consultant will be guided by and shall adhere to the requirements of the FDOT's Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, the FDOT's Accident Procedures Handbook and other regulations as required.
- 7.2 The Consultant's attention is directed to the fact that work may be performed on a limited access facility, with special regulations for traffic control. The Consultant's employees are expected to obey all traffic regulations pertaining to this system.
- 7.3 All work is to be performed between the hours of 9:00 a.m. and 3:00 p.m., unless otherwise directed by the Project Manager

8.0 WORK AUTHORIZATIONS

- 8.1 The Consultant shall be notified by the issuance of a work authorization when work is to be performed. The FDOT does not guarantee the Consultant any work during the life of this Contract.
- 8.2 Work authorizations will not be issued to the Consultant until funds have been made available and approved by the Comptroller

9.0 PAYMENTS

- 9.1 Upon completion of the work, and before payment is made, the Consultant shall remove from the job site any surplus or discarded materials or rubbish and shall restore the job site area to a condition acceptable to the FDOT.
- 9.2 All costs for repeat work, which as determined by the Project Manager that are due to inadequate work procedures and/or materials, will be the responsibility of the Consultant.