

**UTILITIES COMMISSION**  
**City of New Smyrna Beach, Florida**  
**200 Canal Street**  
**P.O. Box 100**  
**New Smyrna Beach, Fl. 32170-010**

February 22, 2019

RE: BID 5-19 FIRE HYDRANT INSPECTION AND FLOW TESTING (ZONE 1)  
ADDENDUM **No. 2**

To prospective vendors:

The Utilities Commission is issuing the following addendum. **As such it becomes an integral part of the proposal and must be acknowledged by the return of this signed form, with your proposal form, acknowledging receipt of the addendum.**

- 1) Please confirm that a Florida Fire Protection Contractor's License I, II or V will be required to perform the inspection on the fire hydrants per Florida Statutes.

Pursuant to Florida Statutes, a Florida Underground Utility and Excavation Contractor is a contractor whose services are limited to the construction, installation, and repair, on public or private property, whether accomplished through open excavations or through other means, including, but not limited to, directional drilling, auger boring, jacking and boring, trenchless technologies, wet and dry taps, grouting, and slip lining, of main sanitary sewer collection systems, main water distribution systems, storm sewer collection systems, and the continuation of utility lines from the main systems to a point of termination up to and including the meter location for the individual occupancy, sewer collection systems at property line on residential or single-occupancy commercial properties, or on multi-occupancy properties at manhole or wye lateral extended to an invert elevation as engineered to accommodate future building sewers, water distribution systems, or storm sewer collection systems at storm sewer structures. However, an underground utility and excavation contractor may install empty underground conduits in rights-of-way, easements, platted rights-of-way in new site development, and sleeves for parking lot crossings no smaller than 2 inches in diameter if each conduit system installed is designed by a licensed professional engineer or an authorized employee of a municipality, county, or public utility and the installation of such conduit does not include installation of any conductor wiring or connection to an energized electrical system.

A Florida Underground Utility and Excavation Contractor may not install piping that is an integral part of a fire protection system as defined in s. 633.021 beginning at the point where the piping is used exclusively for such system. "(24) "Point-of-service" means the point at which the underground piping for a fire protection system as defined in this section using water as the extinguishing agent becomes used exclusively for the fire protection system." For this type of installation, a Florida Fire Protection Contractor V License is required instead. At the point of the underground hydrant isolation valve, the water distribution system becomes exclusively used for fire protection.

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Section 633.102 states, “(11) “Fire protection system” means a system individually designed to protect the interior or exterior of a specific building or buildings, structure, or other special hazard from fire. Such systems include, but are not limited to, water sprinkler systems, water spray systems, foam-water sprinkler systems, foam-water spray systems, carbon dioxide systems, foam extinguishing systems, dry chemical systems, and Halon and other chemical systems used for fire protection use. Such systems also include any overhead and underground fire mains, fire hydrants and hydrant mains, standpipes and hoses connected to sprinkler systems, sprinkler tank heaters, air lines, thermal systems used in connection with fire sprinkler systems, and tanks and pumps connected to fire sprinkler systems.”

NOTE (From the State Fire Marshal Construction Services Guide): “A utility contractor, licensed pursuant to Chapter 489, Florida Statutes, is prohibited from engaging in the layout, fabrication, inspection, installation, alteration, or repair of any fire protection piping.”

Yes, those bidding on ITB 05-19 shall meet the requirements of NFPA - 291 and AWWA Manual 17 for inspection, testing, and maintenance of and shall be licensed in the state of Florida as a Fire Protection System Contractor.

- 2) Please confirm that a “Florida Registered Surveyor and Mapper” will not be required for all survey work completed per Section 01000 1.05 D.

Per the bid scope (2, 1, iv, and v), the inspection reports are required to provide:

- iv. The X and Y coordinates of the FY. Coordinates must be in GIS Shape Files with sub 5’ accuracy in
  - 1. Projected Coordinate System: NAD 1983 HARN State Plane Florida East FIPS 0901 Feet
  - 2. Geographic Coordinate System: GCS North American 1983 HARN
- v. The X and Y coordinates of the FY isolation valve. Coordinates must be in GIS Shape Files with sub 5’ accuracy in
  - 1. Projected Coordinate System: NAD 1983 HARN State Plane Florida East FIPS 0901 Feet
  - 2. Geographic Coordinate System: GCS North American 1983 HARN

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Provided that your proposed equipment to acquire the X and Y coordinates of the hydrants can meet or exceed these requirements, you would not be required to use a FL state licensed surveyor. You must be able to show the accuracy of your equipment.

- 3) Please clarify comment “The COMMISSION will pay for completed tests and inspections reports only” as noted on page 31 in the “Scope of Work”.

The Commission will not pre-pay for incomplete work. We will compare pay applications against submitted and completed tests and inspection reports.

- 4) Please clarify on the “Bid Tabulation” what is to be included in minor maintenance. If there is a valve box that needs to be raised, a cap that needs to be replaced, a gasket that needs to be replaced and a blue reflective marker needs to be replaced on a single hydrant, a unit price per each can have many variables for 263 hydrants; i.e. a hydrant may only need a gasket and another may only need the valve box raised.

The minor maintenance is defined in the project scope under section 3 and includes significant maintenance required for each FH regardless of existing condition. The FH have not been maintained routinely for over a decade and we are expecting a submittal of cost for all items listed in Section 3.

***A Copy of This Signed Form Must Accompany Your Bid Response***

**Acknowledgment of Receipt of Addenda No. 2:**

Company: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_