

Questions for Request for Proposals No. 2025-06 | On-Call Utility Locating Services

Question 1:

On Call Locating Services

“On call locating services will require the marking of existing subsurface gravity sewers, force mains, manholes, and service lateral piping using applicable locator equipment.”

1. What are the pipes made of and the footages for each:

1. Gravity Mains
2. Force Mains
3. Service Lateral Piping

Answer:

- a) Gravity mains are made of PVC piping. We have 131 miles of gravity sewer main within the system.
- b) Force Mains are made of C900 PVC piping. We have 36 miles of force main within the system.
- c) Service laterals are made of PVC piping and clay piping.

2. Is there tracer wire for ALL the underground infrastructure? If so, is the tracer wire identified in the as-builts?

Answer:

Tracer wire is installed on force main pipes and some of our gravity sewer pipes. Tracer wires should be identified on record drawings/ as-builts.

3. How much of JIPSD’s wastewater network has tracer wire?

Answer:

Tracer wires are found on several force main and gravity sewer mains throughout our systems. Currently the District does not have an accurate number of mains that has tracer wires.

4. If the service laterals are ‘non-metallic’ and DO NOT have tracer wire, what is the approved method of designation/locating?

Answer:

For service lateral lines that do not have tracer wires, the District’s inspection reports can be used as well as record drawings to locate utilities. The inspection reports provide measurements to the service connections and laterals. They can be found on the District’s GIS. Hard copies of the inspection reports can be found at the JIPSD main office. Record drawings are also available electronically on the District’s GIS. Hard copies of the record drawings are also available at the JIPSD main office.

5. What percentage of the as-builts are 100% accurate?

Answer:

As-builts show an accurate depiction of how the utilities were constructed and should be used to locate sewer mains accordingly.

6. Is there a situation where locating by record is acceptable?

Answer:

Using record/as-built drawings can be used when inspection reports are not available on the GIS. These record drawings are also located within the GIS system.

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7. How are identifiable but unlocatable situations handled?

Answer:

When a professional can identify a property but has an issue finding the sewer lines, the professional should use SUE services to determine the location of the sewer mains.

8. The location professionals shall provide digital photographic *documentation with time and date annotation for all marked and located services. Photographic documentation of markings shall be taken at a minimum of two different directions separated by a minimum of 90 degrees. Photographic data files shall visually document the marked and/or uncovered locations of all utilities located by the professional. Photographic data files shall be provided to the District in duplicate on 16GB UBS Drives, Verbatim PinStripe USB 2.0 or equally acceptable data drives.*

A. Does James Island PSD have a sample of pictures that meet all the required criteria?

Answer:

The District does not have a sample picture currently. Once the award for the contract is given, the District will work closely with the professionals to communicate the expectations of the photographic evidence required.

B. What is the time frame for delivery of the Photography?

Answer:

The District would like to receive photographs of the properties that were located on the given day by the end of business each day.

C. Does JIPSD have “Cloud Storage” or FTP site to upload pictures to? If so, would JIPSD consider this method, in lieu of “Thumb Drives”?

Answer:

We will allow the professional to upload the photographs daily to the cloud-based storage. The JIPSD will provide the professional with the necessary information to upload photographs once the award has been granted.

9. Subsurface Utility Engineering: Considered a “Post Concept” exercise, utilized during the design phase (Pre-Construction), with each subsequent “Quality” level preceding the other but included as more information is gathered. Quality Level D is specifically gathering information from record resources.

A. *Quality Level D (utility record drawings)*. The assignment of “Quality Level D” of the datum is associated with the information AT a Utility Record Level, whether it’s drawings, verbal accounts or anything else in between. Can further explanation be provided to clearly identify the actual deliverable?

B. *Quality Level C (surveying)*. Like “Quality Level D”, “C” is a assignment level predicated on the how the information was obtained and not the “Accuracy” of said information. Can further explanation be provided to clearly identify the actual deliverable?

C. *Quality Level B (electromagnetic and ground penetrating radar equipment) and Quality Level A (potholing)*. Same request for further deliverable explanation?

Answer:

The professional must have the ability to use any of the Quality Levels associated with the SUE service, when necessary, for any District projects that require this service prior to

construction. The deliverable will be the information collected using any of the SUE Quality Level requirements

- D. How many times has JIPSD, in the past 3 years, utilized SUE, independent of an actual installation project?

Answer:

The District has used SUE services for various capital projects over the years.

- E. How many times does JIPSD intend to use SUE services, independent of an actual installation project, throughout the life of the contract?

Answer:

The District has several capital projects planned over the next several years where these services can be used.

- F. *All discrepancies found while locating and/or performing SUE services should be referenced on record drawings provided by the District.*

1. What format are the record drawings?

Answer:

The record drawings are in both paper form and can also be provided electronically.

2. Is there a sample that can be provided by JIPSD to show an acceptable deliverable in these situations?

Answer:

A redline correction of any discrepancies on an electronic record drawing would suffice. Any discrepancies should be reported to the District as soon as possible.

10. How many installation engineering projects are planned for JIPSD over the life of this RFP/contract?

Answer:

The District has several projects that are planned during the life of the contract. However, the number of projects is subject to change depending on the need of the District's infrastructure.