



**REQUEST FOR QUOTATION NO. 20-031**  
**SURVEYING SERVICES**  
**GLYNCO PARKWAY WATER MAIN SURVEY MAP**  
**FEBRUARY 28, 2020**

**BACKGROUND INFORMATION**

The *Brunswick - Glynn County Joint Water and Sewer Commission (JWSC)* has initiated a water distribution improvement project to serve the Northern End of Brunswick, Georgia (See attached drawing entitled "Glynco Parkway WM Survey Boundary Map"). The survey will begin approximately at the intersection of Canal Road and Glynco Parkway and end at the intersection of Glynco Parkway and Aviation Parkway.

The completion of this project will assist in achieving the goal of completing water system upgrades within the Northern end of Brunswick, Georgia. This will result in important and necessary improvements to the reliability and efficiency of the system.

**SERVICES REQUIRED**

The following field surveying services are required in the areas described above. Deliverables include data files electronically in AutoCAD 2018 format, original field book and three full-sized paper copies of the completed survey signed & sealed by a Registered Professional Land Surveyor.

1. Establish horizontal and vertical control for the project area. Horizontal datum shall be based on the Georgia State Plan, East Zone, and NAD83. Vertical datum shall be based on NAVD88. Provide a minimum of three (3) NGS B-order (or higher) station shall be connected for the horizontal network and minimum three (3) third-order (or higher) bench marks shall be connected for the vertical network in accordance with Rule 180-7-.04(2) of the Rules and Regulations of the State of Georgia - Department 180. The locations shall be coordinated with the JWSC. Survey control maps, ASCII point files and copies of survey field notes will be provided.
2. Locate all property corners and road right-of ways. Provide name(s) of property owner(s), parcel ID numbers, etc in those areas affected by the work.

3. Provide boundary survey of entire proposed project area. Provide spot elevations at a maximum grid interval of 100-foot.
4. Locate all visible improvements such as building, fences, permanent signs, sidewalks, curb and gutter, edge of pavement, driveways, mailboxes, and other structures located on the property or within 10 feet outside the right-of-way line, if accessible.
5. Locate existing water lines (if any) with pipe sizes, water meters, valves, vaults, fire hydrants, etc.
6. Locate existing sewer lines (if any) and indicate pipe size. Locate sanitary sewer manholes and provide top and invert elevations.
7. Locate Private and Public Utilities - miscellaneous underground and overhead utility lines and above ground utilities indicators including gas, power, telephone, cable TV, fiber-optic, etc. Provide cross-sectional detail at locations where route crosses existing features.
8. Locate existing storm structures (swales/ditches, curb inlets, drop inlets, catch basins, junction boxes, and headwalls) and pipes. Provide pipe size, invert elevation, grate elevations, etc. Provide cross-sectional detail at locations where route crosses existing features.
9. Locate trees within the right-of-way.
10. Identify discrepancies or conflicts in boundaries, any visible encroachments, and any portion of the property within the 100-year floodplain by graphical plotting only, as shown on the current Federal Emergency Management Agency map.

### **QUALIFICATION REQUIREMENTS**

Company must have successfully completed (5) projects in the last (5) years. A similar project is defined as performing utility survey work in design & construction of public utilities, including but not limited to maps and land description for at least one of the following in the State of Georgia:

- Water pipes
- Sewer pipes
- Plants related facilities

Survey Company's principle surveyor must have a minimum of (3) year's utility survey experience and a valid and current State of Georgia land surveyor license.

### **TIMELINE**

The desired timeframe for this project is forty-five (45) calendar days.

## **QUOTATION REQUIREMENTS**

Please provide separate lump sum prices for the following:

- Boundary & Topographic survey
- Easement plat preparation.

Also provide a definitive time table for completion of each task.

## **QUOTATION SUBMISSION**

Quotations shall be signed and delivered one of the following two methods:

### **Via Mail:**

Brunswick-Glynn County Joint Water & Sewer Commission  
1703 Gloucester Street  
Brunswick, Georgia 31520

Please label ***“RFQ NO. 20-031 – Surveying Services Glyngo Parkway Water Main Survey Map”***

### **Via Email:**

Electronic copies of the quotation may also be e-mailed to [pcrosby@bgjwsc.org](mailto:pcrosby@bgjwsc.org) with the following referenced in the subject line of the email ***“RFQ NO. 20-031 – Surveying Services Glyngo Parkway Water Main Survey Map”***.

Quotations must be received ***no later than 12:00 NOON EST on Tuesday, March 17, 2020.***

If you have any questions please email Pam Crosby at [pcrosby@bgjwsc.org](mailto:pcrosby@bgjwsc.org). The deadline for questions will be Friday, March 6, 2020 at 5:00 p.m. EST.