BRUNSWICK-GLYNN JOINT
WATER & SEWER COMMISSION

September 23, 2021

PROJECT: **Request for Proposal No. 22-008 Engineering Services for North Mainland Water Loops Project No. 2013**

ADDENDUM: **Two (2)**

DUE DATE: ~~**Tuesday, October 5, 2021 – 12:00PM, Noon**~~
TUESDAY, OCTOBER 5, 2021 – 3:00PM

THIS ADDENDUM IS FOR THE PURPOSE OF ANSWERING THE FOLLOWING QUESTIONS:

1) **QUESTION: Who is responsible for obtaining permits related to this project?**

   ANSWER: The Engineer will be responsible for obtaining any permits necessary for this solicitation in accordance with all applicable requirements of the permitting agency. Permits could include Railroad Crossing, EPD, Department of Natural Resources, Army Corps of Engineers, City of Brunswick, Glynn County, and GA Department of Transportation.

2) **QUESTION: Will there be a SUE level required for this project?**

   ANSWER: Subsuface Utility Engineering (SUE) Quality Level B locates for existing utilities, to be shown on survey will be required.

3) **QUESTION: Are there any restrictions in regards to the bridges?**

   ANSWER: No utility lines shall be placed on or attached to the roadway bridge. Underground / trenchless construction will be required for water line installation at the open channel portion of the project. Water lines shall be located within the right-of-way between property lines and back of curb or in a dedicated easement adjacent to and continuous with the right-of-way.

4) **QUESTION: In regards to Geotech, how many bore holes are part of this project?**

   ANSWER: Soil borings shall be conducted in order to obtain sufficient information about the subsurface soil stratigraphy and water level conditions. Boring depth shall be increased

by the Geotechnical Consultant if unusual soil conditions are encountered during field investigation (e.g. loose or soft soil at bottom of the planned boring depth, etc.). The recommended boring spacing and minimum boring depth are shown in the table below:

Project Type	Approximate Spacing	Minimum Depth
UNDERGROUND UTILITIES		
Open Cut	**Maximum distance of 300 feet.**	• **15 feet for trenches up to 10-foot deep.** • **Trench depth plus 10 feet for trenches between 10-foot and 25-foot deep.** • **One and one half times the trench depth for trenches greater than 25-foot deep.**
Auger Bore and Jack and Bore	• **Maximum distance of 150 feet.** • **<u>For a road crossing</u>, at least one each side of road and if it's a dual carriageway, one additional one in the middle of the two carriageways.** • **<u>For a floodplain/stream crossing</u>, at least one each side at an incline towards the river and if the crossing is wider than 150 feet, a borehole may be needed in the middle of the crossing or increments of 150 feet or less.**	**5 feet (10 feet for primary and freeway roadways) or 2 times the sleeve pipe/tunnel diameter, along the route, whichever is the greater. The depth of the borehole will be the sum of the cover, the sleeve pipe/tunnel diameter plus an additional 5 feet.**
Horizontal Directional Drill	• **Maximum distance 150 feet.** • **<u>For a road crossing</u>, at least one each side of road and if it's a dual carriageway, one additional one in the middle of the two carriageways.** • **<u>For a floodplain/stream crossing</u>, at least one each side at an incline towards the river and if the crossing is wider than 150 feet, a borehole may be needed in the middle of the crossing or increments of 150 feet or less.**	**8 or 12 times (single pass or multiple reaming pass) the sleeve/carrier pipe diameter, along the route, whichever is the greater. The depth of the borehole will be the sum of the cover, the sleeve/carrier diameter plus an additional 5 feet.**
Tunnels and Microtunnels	• **Maximum distance of 150 feet.** • **<u>For a road crossing</u>, at least one each side of road and if it's a dual carriageway, one additional one in the middle of the two carriageways.** • **<u>For a floodplain/stream crossing</u>, at least one each side at an incline towards the river and if the**	**5 feet or 3 times the sleeve pipe/tunnel diameter, along the route, whichever is the greater. The depth of the borehole will be the sum of the cover, the sleeve pipe/tunnel diameter plus an additional 5 feet.**

	crossing is wider than 150 feet, a borehole may be needed in the middle of the crossing or increments of 150 feet or less.	
Shafts for Tunnels	**Each location.**	**1.5 times the shaft diameter below the bottom of the shaft but not less than 30 feet.**
STREET AND BRIDGE		
Pavement (Street) only along each street	**Maximum distance of 250 feet**	**5 feet.**
Pedestrian and Pipe Bridge	**Each side of drainage channel.**	**40 feet below the bottom of drainage channel.**
Retaining Walls	**The GDOT guidelines should be followed.**	
Roadway Bridge	**The GDOT guidelines should be followed.**	
OTHER		
Discretion of Geotechnical Consultant, Engineer of Record, and the JWSC.		

5) **QUESTION: For the bid portion of this project, is it the desire of the BGJWSC to have one contractor/one contract or three contracts with three different contractors?**

   ANSWER: The bid-ready design project will be advertised and awarded as one construction contract to the lowest responsive and responsible bidder.

6) **QUESTION: Please provide a copy of the master plan that details the proposed water line loops.**

   ANSWER: A copy of the master plan that details the proposed water line loops will be provided to the successful and responsible firm under the terms and condition of the JWSC procurement.

7) **QUESTION: Please provide the diameter required for each of the proposed water line loops.**

   ANSWER: Please refer to the RFP documents posted on the JWSC website: https://www.bgjwsc.org/wp-content/uploads/2021/09/RFP-NO.-22-008-Engineering-Services-N-Mainland-Water-Loops.pdf

8) **QUESTION: Is Subsurface Utility Engineering (SUE) required for this project? If so, please provide scope.**

   ANSWER: Please refer to the answer provided on Question #2.

9) **QUESTION: Can monthly project meetings be handled through an online meeting platform or are they required to be in person?**

ANSWER: The monthly project meetings can be handled through online meeting platform.

10) **QUESTION: Please provide the BGJWSC sewer maps for the proposed water line routes.**

ANSWER: A copy of the sewer maps for the proposed water line routes will be provided to the successful and responsible firm under the terms and condition of the JWSC procurement.

11) **QUESTION: Task 2.1, Item 3 requires three (3) concept drawings to be prepared for routing of each water line segment, including profiles and utilities impacts for each route. Please consider modification of this scope to a single plan view for each route, with any alternatives recommended by the engineer noted.**

ANSWER: JWSC'S intent is to have the plan and profiles view be conceptual with the understanding of the project goals, review of potential risk, public acceptance issues, and assist with the JWSC to refine the scope and vision for the project.

12) **QUESTION: Task 2.1, Item 3 requires considerations for future expansion. Please define.**

ANSWER: The commercial and residential real estate is constantly evolving slow and steady. The JWSC's intent is to capitalize on new opportunities for future expansion for the property types: office, single family, multifamily, industrial, hotel, retail, life sciences, and medical.

13) **QUESTION: Please review the scope of Task 2.1, Item 6 and clarify the intent of this item and what is specifically to be prepared.**

ANSWER: The JWSC is committed to facilitating an open public process regarding its programs and services in all of their projects and operations. This is accomplished through frequent and ongoing communication with affected residents, businesses, stakeholders and the general public. A major goal of outreach efforts is to identify proven, successful approaches and solutions in gaining public support for projects otherwise – can help the Consultant avoid potential pitfalls. In regards to grant applications - the JWSC's intent is leverage the Consultant's knowledge of any grant or matching funds available from other sources to maximize impact that is cost effective and allowable.

14) **QUESTION: Please confirm that it is JWSC's intent to bid the project utilizing a single set of construction documents and one bidding cycle.**

ANSWER: Please refer to the answer provided on Question #5.

15) **QUESTION: Please confirm if the minimum of 16 hours/week of construction observation is only during periods of active construction.**

ANSWER: Please refer to the answer provided on Addendum #1 Question #2.

16) **QUESTION: Task 4.5, Item 3 requires the engineer to provide a record drawing survey. This is typically provided by the Contractor and required as part of the construction documents. Please confirm that JWSC desires the engineer to complete this task.**

ANSWER: Within 30 calendar days of receipt of construction contractor's "as-built" drawings, the Engineer shall prepare and submit the Record Drawings to the JWSC. The Record Drawings shall become the property of the JWSC and shall show significant changes made in the Work by the construction contractor during the construction of the Project. Record Drawings shall be prepared on the original as-bid drawings in the format specified by the JWSC at the time of execution. The Engineer shall prepare the record documents based solely upon the marked-up "as-built" drawings, addenda, revisions, change orders and other data furnished by the JWSC and the construction contractor.

All applicants under this Invitation for Bid are kindly requested to acknowledge receipt of this Addendum in original only.

ACKNOWLEDGEMENT
ADDENDUM: TWO (2)

DATE:_____

The above Addendum is hereby acknowledged:

_____

(NAME OF BIDDER)

_____ _____

Signature **Title**