



BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION

March 9, 2020

PROJECT: Invitation for Bid No. 20-015 2016 SPLOST NORTH MAINLAND
PHASE II PUMP STATION IMPROVEMENTS

ADDENDUM: Two (2)

DUE DATE: Tuesday, March 17, 2020 12:00PM, NOON

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

1) **QUESTION:** Can the JWSC please specify the required flow for bypass pumping at each station?

ANSWER: Please refer to the answer to Question #2 for bypass flows.

2) **QUESTION:** Can the JWSC please provide the static discharge pressure on PS 4036 force main that will need to be accounted for in our system calculations? (per drawing C1.1 PS 4035 will have a free discharge into SSMH). For reference, the project specifications and drawings provide conflicting information on this requirement: Section 02330 Flow Diversion, 2.2 System Description, B.2 states that "Each pump shall have a minimum capacity of 5,000 GPM @ 100ft TDH for Pump Station 4036 and 50ft for Pump Station 4035." However, drawings sheet C2.1 for PS4036 states "Each rated at minimum of 4,500 GPM at 75ft TDH", and sheet C1.1 for Pump Station 4035 states "Each rated at minimum of 5,600 GPM at 47ft TDH". It was also stated in the pre-bid meeting that the static head pressures listed in the specifications for the duty pumps of 20' and 21' be used in lieu of information stated elsewhere in calculating bypass pump requirements. Will the JWSC please clarify?

ANSWER: Bypass pump conditions shall be as following,

Pump Station 4036

- **Flow: 4,500 GPM**
- **TDH: 75 ft. (Suction Static Head = 21 ft. + height of bypass pump assembly)**

Pump Station 4035

- **Flow: 5,000 GPM**
- **TDH: 42 ft. (Suction Static Head = 21 ft. + height of bypass pump assembly)**

- 3) **QUESTION: Section 02330 Flow Diversion, 2.2 System Description, B.2 reads, “The existing lift station shall be provided with two identical bypass pumps and back-up”. Can the JWSC please clarify that they are requiring a total of two pumps to bypass each station; one primary unit capable of handling the full flow of the station and one standby unit in line with the primary to automatically handle the full flow of the system in the event of a failure to the primary unit?**

ANSWER: Correct. One primary, and one as standby

- 4) **QUESTION: Given that SpectraShield Liner Systems has been successfully installed in various locations in and around Brunswick/Glynn County over the years, will the JWSC consider SpectraShield as an equal for the lining on the 2016 SPLOST North Mainland Phase II Pump Stations?**

ANSWER: As the JWSC’s experience and need is for Structural Rehabilitation, SpectraShield will NOT be considered as an alternative or equal for this project. Presently, the only structural option the JWSC has deemed successful through our experience is pure fused Calcium Aluminate products.

****OTHER CLARIFICATIONS**

PART I – CONTRACT DOCUMENTS

The Bid Documents shall be changed in the following respects:

Specifications:

Section 02730 – Part 2- 2.08 Pump Station 4036 and 4035.

Correction- Revise TDH for Pump Station 4035 Jockey pump to,

TDH = 28 ft. (21 ft. Static Head)

Section 11257- Biological Odor Control, Part 2- 2.02. Please add the following,

D. Odor Control Skid Assembly

- i. The odor control equipment shall come pre-arranged on an equipment skid and be securely fastened for shipment and installation.**
- ii. Skid material shall be extruded anodized aluminum or other approved material.**
- iii. Skid will be constructed so as to allow it to be picked up, moved and placed by means of forklift truck or overhead crane and be securely fasten on the GC provided concrete slab.**
- iv. All interior piping between blower and other unit shall be installed or provided**
- v. All electrical & control wiring and instrumentation between control panel and other unit shall be completed in the factory and tested before shipment to the site.**
- vi. General Contractor to provide a 12'x12' x 8" thick concrete slab with #4 rebar @ 12" E.W. E.F, top and bottom for both pump stations.**

Plans

- 1- Electrical Sheet E2.2 – One Line Diagram - Pump Station 4036- Future Jockey pump HP shall be 40 HP instead of 30 HP.**
- 2- Please see new Revision (1) for plan Sheets C1.1, C2.1, C1.5, C2.5, and C2.10.**



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