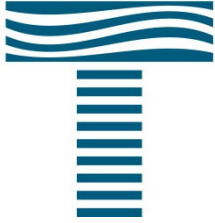


ADDENDUM NO. 5

TAYLOR ENGINEERING, INC.



DREDGED MATERIAL MANAGEMENT
AREA BV-4B CONSTRUCTION

BREVARD COUNTY, FLORIDA
NOVEMBER , 2022



SUMMARY OF QUESTIONS AND RESPONSES

In accordance with Section 00 21 13 – Instruction to Bidders – This is Final Addendum

Contractor:

Is there to be one central monitoring point and control panel for all Piezometers, settlement plates, and monitoring wells? If so , where is the monitoring panel to be located?

Response:

Please see Sheet C-10. One central monitoring panel is to be located near STA 44+00.

The monitoring wells (nested) are not connected to control panel and do not require electrical hook up.

Contractor:

Is there a brand name and model number for the monitoring panel?

Response:

The panel shall be weather-proof stainless steel electrical box suitable for the instrumentation proposed for installation. All electrical requirements shall comply with Florida Building Code. The panel shall be lockable.

Contractor:

Will this monitoring panel require a power supply from the public utility, or are you expecting it to be battery and/or solar powered? Would you be willing to put in an allowance for utility company setup and installation fees?

Response:

The Contractor shall defer this question to the Contractor's chosen Geotechnical subcontractor responsible for instrument and panel installation.

Contractor:

Please provide the parameters you expect for the monitoring system of the piezometers, settlement plates, and monitoring wells.

Response:

The Contractor shall defer this question to the Contractor's chosen Geotechnical subcontractor responsible for instrument and panel installation.

Contractor:

Sheet C-10 shows 7 settlement plate locations and 4 piezometer locations, which is different than the bid form quantity. Please confirm the required amount.

Response:

The Contractor shall bid (7) settlements plates and (4) piezometers.

Contractor:

Are HDPE manholes acceptable in lieu of precast manholes, as long as they meet all loading requirements and pressure requirements?

Response:

No. The awarded Contractor may submit a value engineering proposal for material substitutes.

However, Contractor will have to provide a document signed and sealed by their own engineer licensed in the state of Florida indicating the feature meets or exceeds design loading conditions including but not limited to H2O loads, uplift, and pressure.

Contractor:

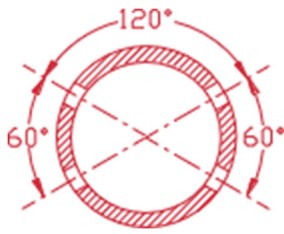
For the 6" HDPE Perforated Pipe, please specify the wall thickness/DR rating. Is this pipe to have fused joints or push on joints?

Response:

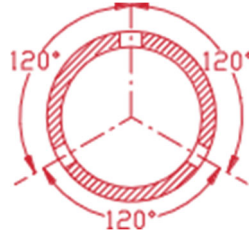
The pipe shall comply with ASTM and AASHTO specification as required in [Section 31 23 00 – Para. 2.2 (D)] of contract documents. These standards address the style, opening size, and spacing of openings.

Contractor:

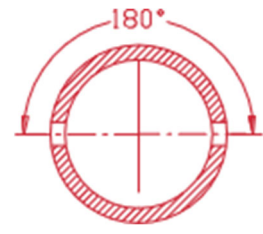
For the 6" HDPE Perforated Pipe, please specify the perforation style, spacing, hole size, and whether it is non-staggered or staggered. Please see the attached sketch of available perforation styles.



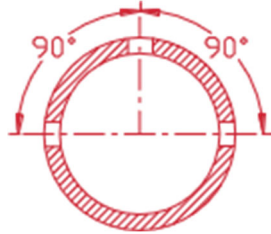
STYLE A



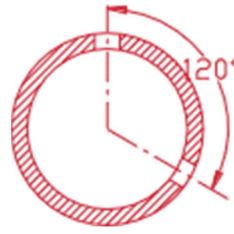
STYLE B



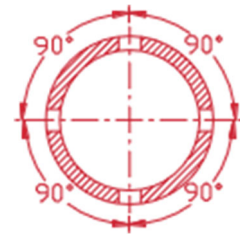
STYLE C



STYLE D



STYLE E



STYLE F

Response:

The pipe shall comply with ASTM and AASHTO specification as required in [Section 31 23 00 – Para. 2.2 (D)] of contract documents. These standards address the style, opening size, and spacing of openings.

Contractor:

Are we to assume LBR-40 under the access road as shown on sheet C-9? If so, please provide the limits.

Response:

The Contractor shall be referred to the geotechnical report in the Contract Documents and decide whether the in-situ soil will meet a LBR 40 requirement. Any presumably unsuitable soils will require removal/improvement to meet project requirements.

Contractor:

How many inches of topsoil should we assume over the dike surface as shown on sheet C-8?

Response:

4 – 6 inches of topsoil should be assumed. The remaining topsoil shall be spread on the ditches and roads as directed by the Engineer.

Contractor:

Can Contractor CAD files?

Response:

See Addendum #4 posted on FIND website