

**December 23, 2019**  
**BOARD OF COUNTY COMMISSIONERS**  
**ORANGE COUNTY, FLORIDA**  
**ADDENDUM NO. 4, IFB Y20-724-RM**  
**ORANGE COUNTY LANDFILL CELL 11 BAY 17-19 EXPANSION**  
**BID OPENING DATE: January 9, 2020 at 2:00 P.M.**

This addendum hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Underlining indicates additions, deletions are indicated by ~~strikethrough~~.

**A. The bid opening date remain January 9, 2020**

**B. The following are questions/responses/clarifications:**

**Question 1: Part 2.02A.1 state: "Geonet Component: Shall consist of polyethylene extruded ribs manufactured to form a porous tri-planar net structure". Please advise if a bi-planar net structure product will be accepted if all properties per Table 33 46 23.19-1 are met.**

**Response:** Bi-planar Composite Drainage Net is unacceptable. Bids are required to be based on the material specified.

**Question 2: Table 33 46 23.19-1 states that the Tensile Strength of the Geonet Component of the CDN shall meet or exceed 145 (lb./in) {MD and TD} according to ASTM D 5035. Addendum 3 switched test method to ASTM D 4595 and value to 600 (lb./in). We are not aware of any commercial products that can meet this specification. There are products that can meet a 100 (lb./in) minimum average value in the machine direction only. In addition, ASTM D7179 is the current and relevant test method for testing tensile strength on HDPE geonets versus ASTM D5035 or 4595. Please advise if the test method will be modified to ASTM D7179 and the tensile strength requirement will be modified to 100 (lb./in) in the machine direction only.**

**Response:** For genet component tensile strength, the following ASTM test methods and values are required:

| <u>Test Method</u> | <u>Tensile Strength (ppi)</u> |
|--------------------|-------------------------------|
| ASTM D5035         | 145                           |
| ASTM D4595         | 600                           |
| ASTM D7179         | 300 (MD)                      |

**Question 3: Sheet E-7, Key Note 1, calls for conduit from below grade up to 18" above grade to be "PVC Coated Stainless Steel". This product is not offered. Is PVC coated Galvanized acceptable?**

**Response:** Please see response to Question No. 11, included in Addendum No. 3.

**Question No. 4: Sheet E-9, One-Line Diagram, has what appear to be designations of amperage rating and number of conductors for the conduit runs. There is no matrix in the drawings to determine what these actually mean. Please provide this matrix.**

**Response:** Please see response to Question No. 12, included in Addendum No. 3.

**Question No. 5: Sheet E-7, Front Elevation, shows the ATS feeding directly into MDP-11. Sheet E-9, One-Line Diagram, shows the ATS feeding a disconnect, which then feeds MDP-11. Which is correct?**

**Response:** Please see response to Question No. 13, included in Addendum No. 3.

**Question No. 6:** In order to ensure complete accuracy and full documentation of our Good Faith Efforts, would the Owner be open to allowing the Attachment C-4 GFE M/WBE Contact Log to be submitted 24-48 hours after being notified of being the low bidder? Our company uses a software that tracks our small business good faith efforts for each project. Would it be acceptable to submit the spreadsheet report from our software in place of the provided Attachment C-4 Good Faith Effort? The spreadsheet that our software provides is modifiable so that the last few columns seen on Attachment C-4 can be added.

**Response:** No. The bidder's IFB contact log has to be submitted with the bidder's complete bid package on the date of the bid opening in Procurement.

#### **TECHNICAL SPECIFICATIONS**

1. Section 33 46 23 19, Composite Drainage Net Table 33 46 23 19-1  
Change Geonet Tensile Strength Method and Tensile Strength Value to the following:

| <u>Tensile Strength Test Method</u> | <u>Tensile Strength Value (ppi)</u> |
|-------------------------------------|-------------------------------------|
| ASTM D5035                          | 145                                 |
| ASTM D4595                          | 600                                 |
| ASTM D7179                          | 300 (MD)                            |

#### **C. All other term and conditions of the IFB remain the same.**

**The Bidder shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid.**

**Receipt acknowledged by:**

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name of Firm