



Procurement Department Bid Office  
Customer Center – 1<sup>st</sup> Floor, Room 002  
21 W. Church Street  
Jacksonville, FL 32202

May 10, 2019

ADDENDUM NUMBER: Three (3)

TITLE: District Energy Systems (DES) Springfield 4MW Emergency Generator

JEA IFB NUMBER: 085-19

PROPOSAL DUE DATE: May 21, 2019

TIME OF RECEIPT: 12:00 PM

TIME OF OPENING: 02:00 PM

**THIS ADDENDUM IS FOR THE PURPOSE OF MAKING THE FOLLOWING CHANGES OR CLARIFICATIONS:**

1. JEA is providing the following additional documents for this solicitation:

- 085-19 Addendum 3 - Appendix C - Final Test Holes
- 085-19 Addendum 3 - Appendix C - Geotechnical Report

2. JEA is providing answers to the following questions:

**Question:**

REF: Structural Drawings S201, FOUNDATIONS Note #1. This note refers to a geotechnical engineering report dated August 31, 2018 prepared by Meskel & Associates Engineering. Will you provide this report to bidders?

**Answer:**

Structural Drawing S-201, Foundations Note 1, shall be revised to the following: REFER TO GEOTECHNICAL ENGINEERING REPORT DATED OCTOBER 22, 2018, PREPARED BY MESKEL & ASSOCIATES ENGINEERING.

JEA is providing the Report for Geotechnical Exploration dated October 22, 2018, prepared by Meskel & Associates Engineering.

**Acknowledge receipt of this Addendum on the Proposal Form (Appendix B)**

**Question:**

Does the basis of design take into consideration the weight of the Generator with fuel as it relates to the subgrade underneath it? Do you anticipate the need for subgrade stabilization in terms of helical piers, rammed aggregate piers, or other soil stabilization techniques?

**Answer:**

The assumed loads associated with the Generator for the concrete equipment pad design are noted under General Notes on Drawing Sheet S-101 and it includes the operating weight and the fuel weight. These assumed loads will have to be verified with the loads to be provided by the equipment supplier prior to construction of the concrete equipment pad.

The maximum allowable soil bearing capacity per the Geotechnical Engineering Report is 2500 psf as noted under Foundations on Drawing Sheet S-201. The design soil bearing pressure based on the assumed loads for the concrete equipment pad size shown on Drawings is less than the recommended maximum allowable soil bearing pressure and no subgrade stabilization was required.

If the design soil bearing pressure based on the vendor's actual equipment loads exceed the recommended maximum allowable soil bearing pressure, then revised foundation recommendations would be required from the Geotechnical Engineer. Depending the revised recommendations, it could include subgrade stabilization in terms of helical piers, rammed aggregate piers, or other soil stabilization techniques.

**Question:**

REF: Drawing Sheet S-202 Section A and Spec Section 018815-2 Part 2 Products B. the specification says, "Provide anchor bolts of size, minimum embedment, and spacing designated in calculations submitted by Contractor". The Drawing note on S-202 says, "Anchor bolts as required by equipment manufacturer". Please clarify.

**Answer:**

Per Specification Section 01 88 15, Anchorage and Bracing, the Contractor is required to have a delegate engineer design the anchorage for the generator based on the loads and the requirements of the generator supplier. The Contractor shall be responsible for submitting signed and sealed design calculations.

**Acknowledge receipt of this Addendum on the Proposal Form (Appendix B)**