Procurement Bid Office
Customer Center 1st Floor, Room 002
21 W. Church Street
Jacksonville, Florida 32202

October 13, 2020

Addendum Number: **Two (2)**

Title**: Circuit 915 Structures #44B to #51 Partial Rebuild**

JEA Solicitation Number: **093-20**

Response Due Date: **November 3, 2020**

Due Date Time: **12:00 PM**

Time of Opening**: 2:00 PM**

This addendum is for the purpose of making the following additions, deletions and changes.

REPLACE: The Bid Workbook (Schedule of Values) issued with the original Bid, has been replaced by the Bid Workbook issued in this Addendum 2.

ADD: The following KMZ file is attached to this Addendum 2.

- "14.Circuit 915 Rebuild google earth.kmz" showing the google earth view of the proposed transmission line.

Supplier Inquiry: On the Erosion control plans it calls out silt fence to be installed. However there is no detail for silt fence shown on the detail page. There is a detail for "Filter Fence." Does JEA want the filter fence installed at locations shown as "stilt fence" on the plan or does JEA want traditional silt fence installed?

JEA Response: Install "filter fence" as shown on the detail.

REPLACE: The Appendix A Technical Specification issued with the original solicitation,have been replaced by the technical specification issued in this Addendum 2. Tracked Changes are on in the work document to document the following changes.

REPLACE: Make the following corrections to the technical specifications as described below. The updated tech specs (WORD AND PDF) are attached:

2.1 Electrical Clearances (Outages): A four (4) week continuous outage is scheduled to allow for the demolition and rebuild of circuit 915. The outage is tentatively scheduled from **Monday, February 15th to Friday, March 12th, 2021.** Because there may be an emergency during which JEA requires that circuit 915 be re-energized, the rebuild of the circuit shall be performed in the following order:

- Install matting as needed for the entire construction site before the outage commences
- Install distribution poles that do not require an outage
- De-energize circuit 915
- Re-frame existing pole #51
- Install steel caissons #45 through #49. Leave in place the existing circuit's poles, conductors, and shield wires.
- Install and frame pole #44A
- Install and frame pole #50A
- Install and frame steel poles #45 through #49
- Install, frame, and transfer existing conductors/wires onto new pole #50B. Remove existing conductors/wires (except fiber) between old #44A and new #50B
- Remove existing wood poles #45 through #49, leave fiber in place
- Re-frame pole #44B

- Remove old pole #44A
- Install new transmission conductors and shield wires
- Install new distribution poles that do require an outage
- Install distribution conductors and neutral
- Re-energize circuit 915

2.2 All outages on the JEA Transmission System (including distribution and substation bus outages) shall be granted by JEA Systems Operation and Control Center (SOCC) only. If outages are needed, the contractor shall submit all requests (for an outage) to the JEA project representative. The JEA project representative shall submit all requests to SOCC for approval and, provided the request is granted, the contractor shall cooperate (with SOCC) in the scheduling, timing, duration and termination.

2.3 Hold Tags - Authorized Person Requirements**:** If outages are needed, the contractor will be required to request hold tags. In order for the contractor to request a hold tag on the JEA system, the individual requesting the hold tag must be an *Authorized Person* as determined by JEA, per the procedure as shown in the attachment "HOLD TAGS – AUTHORIZED PERSON REQUIRMENTS" section of Appendix A . The contractor will be required to have a knowledgeable employee, preferably a foreman, take and successfully pass the JEA course "Principles of Hold Tags and Grounding for Contractors". The course will be provided at JEA's Westside Service Center, and will take one (1) full day to complete. The prerequisite for the course is "JEA's Substation Entry Training", See section 9.4 of these specifications for additional details. Both Courses will be administered by Allyn Jones (contact information is below).The contractor must have his employees sign up for the course(s) by contacting the JEA Project Manager upon winning the bid.

Allyn Jones
JEA
Technical Development Specialist
West Side Service Center
Jacksonville, FL
Office: (904) 665-7301
Cell: (904) 314-3188
Email: joneam@jea.com

2.4 Recall of Line Clearances or Hold Tags: In the event that a transmission or distribution hold tag on an energized or de-energized line must be recalled due to a system emergency, as determined by the JEA, the contractor shall complete only the work necessary to clear the line or equipment, clear his personnel, and release his hold tag as quickly as possible. Any recall shall not constitute a just cause by the contractor for a claim for extras.

REPLACE: Make the following corrections to the technical specifications under section 4.1.2 so that it reads as follows:

4.17.1 Steel Poles (multiple sections each, see shop drawings):

- **Structure #45**: Estimated weight is **21,000 lbs** +/- 10%
- **Structure #46**: Estimated weight is **21,000 lbs** +/- 10%
- **Structure #47**: Estimated weight is **21,000 lbs** +/- 10%
- **Structure #48**: Estimated weight is **21,000 lbs** +/- 10%
- **Structure #49**: Estimated weight is **21,000 lbs** +/- 10%

REPLACE: Make the following corrections to the technical specifications under sections 4.3 and 4.3.1 so that it reads as follows:

4.3 Steel Pole Dimensions: The detailed dimensions containing outside diameters, tapers, etc. of all steel poles are provided in the "STEEL POLE SHOP DRAWINGS" section of Appendix A. The following preliminary notes may be used to obtain general dimensions if the shop drawings are not yet available. These notes are based on calculations form JEA and are provided as a guidance only as they are subject to change.

4.3.1 **Structures #45 - #49:** Tip Diameter will be approximately 15 inches, the Base Diameter will be approximately 49 inches. The poles will each be composed of three (3) sections (not including the caisson foundations) joined together by the slip joint method. The section dimensions will be approximately as follows:

a) Top Section: 42 feet in length by 0.1875 inches thick
b) Middle section: 42 feet in length by 0.25 inches thick
c) Bottom section: 45 feet in length by 0.3125 inches thick

REPLACE: Make the following corrections to the technical specifications under sections 4.17.1 so that it reads as follows:

4.17.1 Delivery Coordination: Contractor shall be responsible for coordinating the date, time and location for delivery of structures with the manufacturers. Initial coordination shall take place a minimum of three (3) weeks ahead of delivery. Final coordination shall take place during normal business hours at a minimum of seventy two (72) hours prior to delivery excluding weekends and holidays. Any delivery cancellation shall be made by the Contractor to the Manufacturer during normal business hours at a minimum twenty four (24) hours prior to scheduled delivery excluding weekends and holidays. At the time that Contractor schedules delivery of the structure(s), the Contractor shall take responsibility for any costs related to cancellation of the scheduled delivery time. Untimely delivery, either ahead of or behind agreed upon delivery schedules, shall not be a cause for a claim to JEA for any costs incurred by the Manufacturer or Contractor. Contact information for the pole manufactures is as follows:

a) Spun Concrete Transmission Poles: The pole manufacturer will be **Valmont Newmark**. The primary point of contact for pole deliveries will be **Maria Vaca:**

Maria Vaca

Phone: +1(863) 533-6454

Email: maria.Vaca@valmont.com

b) Steel Transmission Structures: The steel pole/caisson manufacturer will be **CHM Industries, Keystone Poles**. The primary point of contact will be **John Ginsburg:**

John Ginsburg

Phone: +1(610) 457-7899

Email: jginsburg@chmindustries.com

c) Static Cast Concrete Distribution Structures: The pole manufacturer will be Durastress. The manufacturer will deliver to the site the 60HT, 65HT, and the 70HT size poles. The remaining 55H pole shall be picked up by the contractor from the JEA storeroom. Contact information will be provided once it is available.

REPLACE: Make the following corrections to the technical specifications by adding section 9.6.5 that reads as follows:

11. **No matting is allowed across Durbin Creek.** The creek cannot be bridged over. Conductors and wires must be installed by utilizing a rope that will be either carried, boated, or shot across between structures #47 and #48.

REPLACE: Make the following corrections to the technical specifications under sections 11 so that it reads as follows:

11. Below is a recommended and anticipated sequence of work, however final discretion is left to the Contractor:
11.1 Mobilize.
11.2 Secure required MOT and Flagmen (if needed)
11.3 Survey limits of tree trimming

11.4 Pickup materials and hardware.
11.5 Perform required trimming
11.6 Remove and dispose of all tree trimming materials
11.7 Survey structure locations
11.8 Install matting
11.9 Take delivery of transmission structures (see section 4.17.2), unload and spot structures at their proposed installation locations and inspect poles to confirm measurements
11.10 Install and ground distribution poles #4468, #4450, #4434, and #4418
11.11 Relocate existing fiber optic cable from structure #44A onto the nearby abandoned static cast distribution pole.
11.12 Perform outage on circuit 915
11.13 Re-frame structure #51
11.14 Install and ground caissons #45, #46, #47, #48, and #49
11.15 Install, frame and ground poles #44A and #50A
11.16 Install, frame and ground poles #45, #46, #47, #48, and #49
11.17 Install, frame, ground, and transfer existing conductors/wires onto new pole #50B.
11.18 Remove existing conductors /wires (except fiber) between old pole #44A and new pole #50B.
11.19 Remove existing wood poles #45, #46, #47, #48, and #49, leave fiber in place by cutting poles
11.20 Re-frame existing structure #44B
11.21 Remove old pole #44A
11.22 Install new 1590 ACSR transmission phase conductors and 3#6 AW shield wire
11.23 Sag and tension all transmission conductors and shield wire
11.24 Install new distribution poles #4402 and #13178.
11.25 Install new 556.5 ACSR 636 AAC distribution phase conductors, and 4/0 AW neutral wires
11.26 Sag and tension all primary and neutral wires
11.27 Re-energize Circuit 915
11.28 Allow for one week for Fiber Group to install new fiber optic cable and remove existing fiber optic cable
11.29 Remove reminder of wood poles and one abandoned static cast distribution pole once new fiber is installed and operational.
11.30 Remove all matting
11.31 Clean up work site and perform needed restoration

Acknowledge receipt of this addendum on the Response Form