

## **APPENDIX A – TECHNICAL SPECIFICATIONS**

### **1410711246 - EMERGENCY RESTORATION SERVICES FOR OVERHEAD ELECTRICAL DISTRIBUTION AND TRANSMISSION FACILITIES**

#### **1. SCOPE**

The intent of these Contract Documents is to provide supplementation for JEA's construction crews. JEA construction crews may be composed of JEA's own work forces or other contract crews. The Contractor shall provide all labor, supervision, and equipment(except as otherwise noted) necessary to complete the Work within the time stipulated, complying with the requirements of these Contract Documents. The Work specified within these Contract Documents includes:

- The construction and maintenance of overhead electrical distribution and transmission systems
- Providing secondary and street light service crews

JEA intends to pay Standby Pay as soon as the contractor is notified that their assistance is required for a specific storm. Standby Pay consists 10 hours per person per day for Group I Labor rates, but NOT Group II Equipment rates (See Appendix B). However, contractor will be paid Group II rates for their travel time from their current location to JEA

It is JEA's Preference that companies have a valid State of Florida Electrical Contractor's License, however, companies from out of state with valid out of state Electrical Contractor's License will be accepted for contract during emergency situations.

#### **2. GENERAL INTENT**

All Work shall be done in a safe and professional manner, so as to render a neat and uniform appearance. All material shall be handled in such a way as to preserve its finish and protective coatings. General arrangement shall be in accordance with JEA Overhead Distribution Construction Standards Manual and satisfactory to the Contract Administrator

The JEA Overhead Distribution and Transmission Construction Standards Manual and other drawings included as part of these Contract Documents do not completely describe all Contractor responsibilities for every Bid Item. This APPENDIX A shall clarify requirements to allow for proper completion of the Bid Form.

#### **3. JEA OVERHEAD DISTRIBUTION AND TRANSMISSION CONSTRUCTION STANDARDS**

These publications provide standard engineering, design and construction practices for JEA. They contain Standard Construction Plates which illustrate the various Standards as well as providing written specifications, construction notes and a list of required materials.

Where applicable, all work shall be performed as specified by the JEA Overhead Distribution Construction Standards Manual, which shall be considered as part of these Contract Documents.

Revisions to these Standards shall also be considered as part of these Contract Documents. If such revisions substantially change the cost of installation of a unit, the unit bid price for such unit shall be

changed by the procedures in accordance with Solicitation Paragraph - Special Construction or New Units.

These Standards are located at

[https://www.jea.com/Engineering\\_and\\_Construction/Electric\\_Reference\\_Materials/](https://www.jea.com/Engineering_and_Construction/Electric_Reference_Materials/). Questions related to these Standards can be sent to the following Engineer:

Josh Gordon  
21 West Church Street, T9  
Jacksonville, Florida 32202  
Email: gordje@jea.com

#### **4. ADDITIONAL CODES AND STANDARDS**

The latest rules and regulations of the following organizations shall be considered a part of these Contract Documents, and all Work shall be done in strict accordance with applicable provisions thereof:

- Institute of Electronic and Electrical Engineers (IEEE)
- Edison Electric Institute (EEI)
- National Electrical Manufacturer's Assoc. (NEMA)
- American Concrete Institute (ACI)
- American National Standards Institute (ANSI)

#### **5. CONSTRUCTION PRACTICE CONFORMITY - OPERATION FACTORS**

##### **5.1. Notifications:**

In no case shall connections or taps be made to hot lines, any lines cut in or out of service, or any outage attempted without due notice being given to SOCC station 2 and station 5 personnel. This must be done so as to minimize interference with the proper operation of the system.

##### **5.2. Protection Of Other Utilities And Property:**

Where telephone, and/or cable TV, and/or traffic signal facilities exist in the same area as the electric line, the Contractor shall protect such telephone, and/or cable TV, and/or traffic signal facilities from any possible damage. Other utilities, such as gas, sewer, and water shall be protected by the Contractor, and the Contractor shall save JEA harmless from the consequences of any action of the Contractor or Subcontractor that may damage such other utilities.

When in the course of Work under these Contract Documents, the Contractor causes physical damage to the property of any property owner; i.e. private, commercial, City, State, or Federal, the Contractor shall be responsible for a speedy repair of all such damage at no cost to JEA.

## **6. QUALIFIED CREWS**

Contractor shall provide qualified crews. If JEA deems a crew unqualified, JEA shall have the right to terminate the crew and request a new one.

## **7. TIMESHEETS**

Weekly timesheets shall be submitted during storm restoration. Beginning and ending times shall be for the Eastern Time zone. Contractor timesheet shall include the following:

- 7.1.** Week Ending Date
- 7.2.** Daily Billable Labor Hours and Pay Rate by Crew Member Including Name
- 7.3.** Daily Billable Equipment Hours and Pay Rate
- 7.4.** Daily Mileage During Travel
- 7.5.** Per diem Line Items if Applicable
- 7.6.** Signed Itemized Receipts if Applicable

## **8. TRAVEL TIME**

- 8.1.** Mileage and billable travel time will be determined by using a publicly available web site based mapping service such as Google Maps or Bing.
- 8.2.** Mileage rates for equipment will be paid as supplied by the Contractor in Appendix C.
- 8.3.** JEA approved per diem rates for meals are found in Appendix B. Lodging expenses will be reimbursed with no mark up fees. Copies of receipts shall be submitted with weekly timesheets, and shall include the names of each room occupant.

## **9. MISCELLANEOUS EXPENSES**

- 9.1.** Contractor will be responsible for all other expenses incurred during travel including fuel, safety equipment, repairs, tolls, and snacks.
- 9.2.** Primary responsibility for vehicles and equipment belonging to the line crews rests with the Contractor. However, these vehicles and equipment may be returned to one of the designated Staging Areas at the end of each day and refueled by JEA if deemed necessary to support the restoration effort. In addition, repair work for these vehicles and equipment may be provided by JEA if necessary. Charges for these services, including applicable taxes, will be back-billed to the Contractor.
- 9.3.** Any miscellaneous expenses should always be based on prudent and sound business practices.

## 10. MEALS

Any crews brought in for storm restoration will be fed in the same manner as JEA crews. Contract crews should arrive prepared to be self-sufficient for the first three days. If JEA is unable to provide meals, per diem rates as listed in Appendix B will be paid for each person on the crew. Once JEA is able to supply meals, per diem will not be paid.

## 11. SUPERVISION

Supervision consisting of one billable General Foreman will be responsible for each group of five crews. Administrative supervision, Safety Supervisors, or Mechanics will be non-billable and assigned at the discretion of the Contractor.

## 12. ROSTER

Prior to deployment Contractor will supply JEA with a list of all personnel and their classification and equipment for each crew, and at least one contact phone number for each crew and each General Foreman. This information shall include the Supervision for each crew. Contractor should have one point of contact to fill in a JEA supplied roster in excel format. This roster will be supplied by JEA prior to crew deployment.

### Appendix B

<b><u>Per Diem Rates For JEA</u></b>		
<b>Meal Rates</b>	Per Person	<b>Daily Rate</b>
	Breakfast	\$10.00
	Lunch	\$14.00
	Dinner	\$26.00