



Building Community®

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

June 10, 2021

**ADDENDUM NUMBER:** Three (3)

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**TITLE:** IFB 1410326449 Cedar Bay Water Reclamation Facility Backup Power System

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**BID DUE DATE:** June 15, 2021

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**TIME OF RECEIPT:** 12:00 PM EST

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

1. **Question:** New Genset SWBD and ATC are shown to be NEMA 4X for outdoor installation, will NEMA 3R Stainless Steel be acceptable?

**Answer:** No, follow the specs per designer.

2. **Question:** New Genset SWBD and ATC shows HMI screen, will that be provided by the PLC installer?

**Answer:** Yes, and all the control must be as follows:

**2.08 APPLICATIONS SOFTWARE REQUIREMENTS**

- A. All applications software programming shall be performed on the following platforms:
1. SCADA System HMI Programming: Intellution iFix.
    - a. Within 30 days after Notice to Proceed, PICS Contractor shall request information on the current version of iFix software used by the Owner.
  2. PLC Programming: Siemens TIA Portal.
    - a. V15.1 or higher.
- B. PICS Contractor is responsible for obtaining the appropriate applications software and required software licenses for performing modifications to the existing WRF SCADA system.
- C. PICS Contractor shall obtain a copy of the current WRF HMI programs from the Owner to perform the programming modifications specified herein.
1. Request shall be made within 30 days after Notice to Proceed.
  2. PICS Contractor shall adhere to Owner cybersecurity requirements and procedures for obtaining, modifying, and delivering program files.
- D. Graphic objects, faceplates, styles, and color schemes shall match current JEA standards.
- E. All PLC data blocks (DBs) programmed shall be configured with non-optimized access in order to allow communications between the HMI platform and PLC.

3. **Question:** New Genset SWBD and ATC, should the Main Breaker be 4 pole?

**Answer:** The Main Breaker of the new Genset SWBD and ATC, which feeds MCC-100 , shall be 3 poles. Sheet Keynote #5 of drawing E-80-605 indicates that the generator neutral shall be grounded at MCC-100 to bond with transformer wye neutral to create a non-separately derived system per NEC. Therefore, neutral cannot be switched..

4. **Question:** Is division 40 to furnish SWBD-4A and Genset SWBD with ATC-4A and ATC-100 PLC's for a complete operating system?

**Answer:** Yes.

5. **Question:** Square D Field Services is requesting a site visit to inspect existing equipment as it appears some of the scope of work has changed since previous visits. Is this possible?

**Answer:** Yes. They can visit the site and propose their MCC and breaker but the PLC must be Siemens S7-1500 SIPLUS (JEA STD)

6. **Question:** Is Aluminum conduit allowed for exposed interior and exterior new work?

**Answer:** JEA standard requires PVC below grade and Aluminum above grade both interior and exterior and no EMT at all.

7. **Question:** Is EMT conduit allowed for concealed interior and exposed interior new work?

**Answer:** JEA standard requires PVC below grade and Aluminum above grade both interior and exterior and no EMT at all.

**ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID FORM**