

1.0 Location of Property

JEA Brandy Branch Generating Station is located at 15701 West Beaver Street, Jacksonville, Florida 32234.

2.0 Scope of Work

2.1. This specification covers the inspection and repair of two Tranter (Superchanger Model: UFX-145-5-Hp-453) plate heat exchangers used for closed cooling at Brandy Branch Generating Station. The awarded Contractor is to furnish all labor, supervision, material, subcontracts, etc. to perform the before mentioned work.

2.1.1. The Contractor shall mobilize and remove plates from existing units, crate and ship to shop for inspection of the current plates, remove existing gaskets, chemically clean the existing plates, perform NDE, and re-gasket and leak check the plates (quantity: 453 per heat exchanger).

2.1.2. The Contractor shall provide a report of the work described in section 2.1.1 and notify JEA if any of the plates fail NDE.

2.1.3. The Contractor shall provide the JEA Project Manager a detailed resource loaded project schedule within 2 weeks of award. Schedule shall outline all project details in MPP format with copy in PDF format.

The Contractor shall be responsible for all shipping and crating expenses, and shall provide optional pricing for replacement plates of the same material and design as the existing plates.

3.0 Codes and Standards

The following codes and standards, as amended to date, are applicable under this contract:

- Codes, Rules and Regulations of the State of Florida
- Occupational Safety and Health (OSHA)
 - 1917.120
- American Society of Mechanical Engineers (ASME)
 - ASME BPVC Section II: Materials
 - ASME BPVC Section V: Non-destructive examination
 - ASME BPVC Section VIII. Divisions 1 and 2: Rules for construction of pressure vessels
- Heat Exchanger Institute (HEI)
 - HEI 3092

4.0 Existing Plate Heat Exchangers

4.1. JEA has two (2) existing Tranter plate heat exchangers were removed from service due to fouling and were replaced with new heat exchangers. JEA would like to have the, now out of service, heat exchangers reconditioned.

5.0 Minimum Qualifications

5.1 The awarded Contractor shall have the ability to perform the work detailed in section 2.0. In addition the Contractor shall have performed three (3) similar jobs in the last twenty-four (24) months. A similar job is defined as an inspection, clean, NDE, and re-gasket of a plate style heat exchanger.

6.0 Shipment

6.1 The Contractor shall be fully responsible for the safe shipment, storage, and handling of the heat exchangers. The Contractor shall be fully responsible for the heat exchangers until they are turned over to the Plant. The Company is responsible for all shipping costs and for all truck loading and unloading of material at the job site.

6.2 Hardware, and other miscellaneous parts shall be packed in suitable boxes for storage at the job site.

Extra information:

Tranter UFX-145 CCW exchangers

- Model UFX-145-5-HP-453
- Serial SF 527 or SF 528
- Order 96701
- Drawing D-4-96701