

1. SCOPE OF WORK

JEA intends to enter into an agreement with a company (also referred to as “Supplier” or “Company”) that can reliably furnish and deliver Bulk Sulfuric Acid for pH control, regeneration of demineralizer / condensate polishing systems, and cooling tower water treatment at its electric generating facilities.

2. GENERAL PRODUCT REQUIREMENTS

- 2.1 Sulfuric Acid must meet the specified chemical requirements described in Paragraph 6 of the Technical Specifications.
- 2.2 JEA reserves the right to test all shipments of Sulfuric Acid. If the product does not meet the JEA required specifications, JEA retains the option of requiring the Supplier to remove the product, at its own expense, and replace with a product that meets the stated specifications.
- 2.3 Sulfuric Acid that has been contaminated by a Supplier shipment will be replaced at the Supplier's expense within two (2) calendar days of notification. The Supplier will be responsible for proper disposal of such contaminated product and for any damages incurred by JEA in use of the contaminated product.

3. FACILITY LOCATIONS AND CONTACTS

3.1 The JEA Responsible Manager or their designated representative shall be the primary contact and provide authorization for Sulfuric Acid purchases and deliveries. To facilitate “Supplier Responsibilities”, the Vendor shall, upon award, provide a company contact to the respective JEA managers responsible for implementation.

3.3 <u>JEA Northside Contact:</u> Process Chemistry Technician Northside Generating Station 4377 Heckscher Drive, Jacksonville, FL 32226 904-665-7875 Office 904-665-6747 Office	<u>Tank Capacity</u> 1 x 12,500 gal. 1 x 10,000 gal. 1 x 5,200 gal.
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3.4 <u>JEA Brandy Branch Contact:</u> Process Chemistry Technician Brandy Branch Generating Station 15701 West Beaver St, Jacksonville, FL 32234 904-665-7654 Office 904-328-4297 Cell	<u>Tank Capacity</u> 1 x 6000 gal.
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4. SUPPLIER RESPONSIBILITIES

- 4.1 Sulfuric Acid purchased and delivered under this specification shall meet or exceed the technical specifications. Safety Data Sheet (SDS) documentation shall be provided for the product specified herein.
- 4.2 Sulfuric Acid that is purchased and delivered under this specification shall be requested on an “as needed” basis at the discretion of the responsible JEA Manager. There are no guaranteed minimum amounts associated with this solicitation. Supplier shall deliver the quantity ordered to the location specified within forty-eight (48) hours after receipt of order, unless other arrangements are mutually agreed upon and made with the responsible JEA Manager.
- 4.3 Supplier shall furnish a Certificate of Analysis and Bill of Lading for each delivery.
- 4.4 Invoices for Sulfuric Acid purchased shall indicate the delivery location, amount of product delivered, date of delivery, product name, purchase order (PO) number, and total price of product. At a minimum, enough

information shall be included to verify the accuracy of the invoice. Invoices for purchases shall be submitted monthly or as mutually agreed upon by JEA and the Supplier.

5. JEA SAFETY REQUIREMENTS FOR SUPPLIERS

- 5.1 All Supplier personnel, including subcontractors (i.e., transportation firm), who come on-site at JEA must meet the minimum safety training qualifications as required by OSHA and JEA.
- 5.2 Supplier and their subcontractors (i.e., transportation firm) shall supply all appropriate PPE and perform their work in accordance with OSHA and JEA Contractor Safety Program.
- 5.3 In the event a safety hazard should occur, the Supplier shall provide 24-hour emergency service to correct the problem.
- 5.4 Supplier shall provide equipment designed for the safe delivery and off-loading of specified material. Supplier's tank trucks shall be equipped to safely handle and unload Sulfuric Acid; including, but not limited to, compressed air supply or pump and proper fittings.

6. Sulfuric Acid - CHEMICAL SPECIFICATIONS

- 6.1 Bulk Sulfuric Acid is typically used in pH control of condensate polishing systems, demineralized water, and cooling tower water treatment at its electric generating facilities.

Sulfuric Acid must meet the following product specifications:

Concentration:	66° Baume, 93.2 wt. % H ₂ SO ₄ minimum
Specific gravity:	1.84 at 60° F
Color:	water white
Iron:	20 ppm as Fe maximum
Arsenic:	0.2 ppm maximum
Organic contaminants:	100 ppm maximum oxygen consumed
Free of turbidity, sediment, and inhibitors	

7. AUTHORIZATION TO PERFORM WORK

- 7.1 Sulfuric Acid provided in accordance with these Technical Specifications and Contract Documents shall be authorized by the responsible JEA manager, or designee, and a corresponding purchase order. Any products and/or services provided by the Vendor at the direction, direct or otherwise, of any other agency or personnel of JEA may be considered as unauthorized and the Supplier may not be entitled to compensation for products and/or services performed in that circumstance.

8. DELIVERY INSTRUCTIONS

Delivery to each plant site shall be by tank trucks, free of turbidity, sediment, and inhibitors. A certificate of weight, taken at the nearest certified weigh station to the JEA plant sites, shall accompany each product shipment. As an alternative, there is a JEA Byproduct weigh station, located near the NGS back gate.

8.1 JEA Northside Generating Station:

- 1. Normal delivery is full load.
- 2. Delivery times are between 7:00am – 2:00pm, Monday through Friday, except Federal Holidays (unless Plant emergency dictates otherwise).
- 3. Email to confirm scheduled delivery date & approximate time.
- 4. Supplier must provide a minimum of 30 minutes of notice before delivery by contacting (904) 665-7875.
- 5. Delivery is required via the Northside Generating Station rear gate (4433 William Ostner Drive).

6. Two-hour turnaround on-site prior to any demurrage charges.

8.2 JEA Brandy Branch Generating Station:

1. Normal delivery is full load.
2. Delivery times are between 7am – 2:00pm, Monday through Friday, except Federal Holidays (unless Plant emergency dictates otherwise).
3. Email to confirm scheduled delivery date & approximate time.
4. Supplier must give 30 minute notice before delivery by contacting (904) 665-7654.
5. Two-hour turnaround on-site prior to any demurrage charges.

9. UNACCEPTABLE SERVICE

9.1 In the event that any item purchased and delivered under the terms and conditions of this Solicitation is deemed unacceptable for good and valid cause by either JEA or any government agency which JEA is subject to, for reasons which are reasonably under the control of the Supplier, the Supplier shall re-accomplish that purchase and delivery, **totally at their own expense**, and in a timely manner.

10. EMERGENCY CONTACT

10.1 The Supplier shall provide name, address, and telephone numbers (work, home, and cell) for those individual(s) who can be contacted in the event of an emergency.

11. REPORTS

11.1 Supplier shall submit semi-annual statements of usage to the JEA Contract Manager. The report shall contain the following information for each order placed:

- A. Department name
- B. Delivery location
- C. Type of Chemical
- D. Quantity
- E. Total Price
- F. Purchase Date

The report shall be sorted by department and totals identified for each department and for JEA as a whole.