

**091-19 - APPENDIX A - TECHNICAL SPECIFICATIONS
PROCESS TANK AND CLASS IV LIFT STATIONS CLEANING SERVICES**

1. INTENT

JEA is soliciting proposals for industrial services to remove & dispose of floating and solidified fats, oils, grease (FOG), grit and other entrained debris from various Process Tanks at Water Reclamation Facilities and Class IV Lift Stations. Process Tanks include, but are not limited to, Wet-wells, Aeration Basins, Primary and Secondary Clarifiers and Sequential Batch Reactors and Digesters. The accumulation of these residuals in the process tanks and pump stations can become malodorous, interfere with pumping operations and exacerbate the risk of a sewage spill or overflow.

2. SCOPE

Removal will be scheduled on an as-needed basis by JEA staff for the respective plant or lift station. The removal and cleaning of the FOG material, grit & entrained debris must be accomplished within Normal allowable hours of work which are between 8AM and 4PM, Monday through Friday. Any variation in work hours or workdays must be authorized in advance by the facility manager or his designee.

Removal operations should employ vacuum (e.g., vactor) truck and/or other effective means and equipment such as dewatering boxes as agreed upon with the JEA facility staff. All prospective bidders must have adequate personnel and the necessary inventory of effectively operating equipment for performance of this work. All bidders shall provide documentation itemizing the assets available for performance of these services.

The monthly weight/volume of FOG material, grit & entrained debris used in this solicitation is based on an annual average and is only an estimate.

The contractor is responsible for transportation of removed material and disposal of said material also to include all disposal fees. At JEA's discretion, the removed material shall be disposed of at Buckman Water Reclamation Facility (WRF) located at 2400 Talleyrand Ave., Jacksonville, Florida 32206 or a properly permitted landfill site in accordance with applicable environmental regulations. Removed material shall be disposed of at the Contractor's expense and discretion. The contractor is responsible for meeting all applicable landfill requirements such as dewatering and/or solidification as required by receiving landfill. The JEA staff will make the designation as to how the Contractor should dispose of the removed material. The contractor shall provide documentation of quantities of material disposed of and furnish landfill dumping manifests if requested.

Removal work will have to be conducted over open access hatches above the wet well liquid surface while pumping equipment is in operation. Contractor personnel are required to utilize all necessary safety equipment to ensure the safety of their workers. Contractor personnel will be required to have JEA safety pre-qualification.

3. REPAIR OF WORK AREAS

The Contractor shall replace with new or repair any damaged JEA equipment or structures immediately to the satisfaction of JEA. The intent of this paragraph is to ensure the safe and continuous operations of JEA processes.

4. ACCESS TO CONTRACTOR'S OPERATING RECORDS

The Contractor shall provide immediate access to its operating records as required by JEA and applicable regulatory agencies.

5. FACILITY LOCATIONS

Services rendered by the Contractor may involve, but not be limited to the following locations:

- Buckman WRF - 2400 Talleyrand Avenue, Jacksonville, FL 32206
- Southwest WRF - 5420 118th Street, Jacksonville, FL 32244
- Arlington East WRF - 1555 Millcoke Road, Jacksonville, FL 32225
- Mandarin WRF - 10828 Hampton Road, Jacksonville, FL 32257

- Blacks Ford WRF – 5145-2 Longleaf Pine Parkway, St. Johns, FL 32259
- Monterey WRF – 5802 Harris Street, Jacksonville, FL 32211
- Nassau Regional WRF – 96237 Amelia Concourse, Yulee, FL 32034
- Julington Creek WRF – 220 Davis Pond Boulevard, St. Johns, FL 32259
- Ponce De Leon WRF – 3152 South Ponte Vedra Boulevard, Ponte Vedra, FL 32082
- Ponte Vedra WRF – 200 State Road A1A, Ponte Vedra, FL 32082
- District 2 WRF – 1840 Cedar Bay Rd., Jacksonville, FL 32218
- Approximately 57 Class IV lift stations located within JEA’s service territory in two (2) of the four (4) counties that JEA services (Duval and St. Johns counties).

6. **BID WORKBOOK**

Unit prices shall be quoted on a per ton basis. The contractor is encouraged to include transportation costs and landfill tipping fees in the total unit prices quoted. It is understood that the quantities shown are estimated and are to be used for the award of bids only. No minimum or maximum quantities are being guaranteed for any of the work shown. Please make sure to give a unit price quote on all lines, even where the forecast is one (1) for pricing reasons. There may not be a foreseeable need for the service on that line item, but the need may arise.

There are two (2) places for unit pricing on the bid workbook for each location and Class IV Lift Stations. One (1) unit price (denoted by the letter a, e.g., 1a or 2a, etc.) is for the cleaning service and the transportation to the pad at Buckman WRF at 2400 Talleyrand Avenue, Jacksonville, FL 32206. The other unit price (denoted by the letter b, e.g., 1b or 2b, etc.) is for the cleaning service, transportation, dewatering and/or solidification and disposal at a properly permitted landfill site in accordance with applicable environmental regulations.

Mobilization fees (line item #s 12c & 12d) are only to be applied to the Class IV lift station cleanings as these lift stations are located throughout JEA’s service territory in two (2) of the four (4) counties that JEA services (Duval and St Johns counties). The mobilization fee will apply per job/cleaning request.