

**008-21 Portable Diesel Pump Rental for Hurricane Season**  
**Appendix A – Technical Specifications**

Scope of Work:

JEA is seeking a partnership with a leading diesel pump rental Vendor that can provide dedicated portable diesel pump assets for exclusive use by JEA during the six (6) month storm season, from June 1<sup>st</sup> through November 30<sup>th</sup>, beginning in 2021.

- Forty (40) diesel pumps, the specifications of those diesel pumps will be as follows:
  - Trailer mounted 6-inch diesel engine fully dry self-priming centrifugal pump with a maximum head pressure of 160 feet TDH.
  - Required to pass a three (3) inch solid
  - Automatic engine controller with mechanical floats with cables(s) totaling 65 feet.
  - Hydraulic brakes
  - 3-inch pintle hook
  - Trailer plug meets NAPA 755-5025 & Pin Connector spec
  - Hoses (rigid 4x10 VERSIFLO® or equivalent) complete with male and female cam and groove fittings required per pump:
    - 20 feet total of 6” discharge (shall be 10 feet sections)
    - 20 feet total of 6” suction (shall be 10 feet sections)
    - 40 feet total of 4” discharge (shall be 10 feet sections)
    - 40 feet total of 4” suction (shall be 10 feet sections)
  - 6-inch x 4-inch male and female cam and groove reducers (**two each**)
  - Male to female cam lock adapters (one per pump)

Additionally, all Bids (also referred to as “Responses”) shall include a sample of any service agreement, contract or other document (including any and all preprinted terms on the reverse side of any document) that the Vendor may require that a JEA Representative sign (a “Rental Agreement/Delivery Ticket”). The Rental Agreement/Delivery Ticket shall apply only to the extent that its terms are not in addition to, or in conflict with, the terms of the Contract. Any agreement, contract or document produced for signature which is not submitted with the Vendor’s Bid shall be void and of no force and effect.

1. The Vendor shall be responsible, 24/7 support for all maintenance activities including Preventative Maintenance (PM) during the contract term including during times of activation. All dedicated diesel pumps will be load tested prior to June 1<sup>st</sup> with monthly PMs performed during the six (6) month storm season period, and when they are deployed.
2. A maximum run time of 1,000 hours of use per pump shall be included in the quote during the six (6) month storm period. Vendor will provide any extra costs to JEA, in the event the run-time for these units exceeds 1,000 hours and extra costs are incurred.
3. For the base bid, open units are acceptable. Mufflers with sound attenuation are required. As an alternative, provide optional pricing for an enclosure (even if it’s not immediately available).
4. JEA shall have exclusive use of the assets for internal use, or for deployment under a mutual aid agreement with other utilities.

5. Fuel management for diesel pump assets, while in active use, shall be supplied and managed by JEA. Vendor shall be responsible for fuel during storage of assets. Assets will be returned to the Vendor upon completion of the six (6) month storm season fully fueled with off road diesel fuel.
6. All units shall be distributed and unloaded by Vendor to the following JEA locations as requested by JEA by June 1<sup>st</sup>:
  - Cedar Bay WRF – 1840 Cedar Bay Rd, Jacksonville, FL 32218
  - Southwest WRF – 5420 118th St, Jacksonville, FL 32244
  - Arlington East WRF – 1555 Millcoe Rd, Jacksonville, FL 32225
  - Mandarin WRF – 10828 Hampton Rd, Jacksonville, FL 32257
  - Blacks Ford WRF – 1245 Reclamation Dr, St Johns, FL 32259
7. All units will also be available for pick up by JEA assigned resources 24/7 during the six (6) month storm season period. Once a list of units is provided to JEA by the Vendor, JEA will determine which units will go to each location. JEA reserves the right to move the assets as needed. If a unit does not work when it is placed at its location, Vendor shall be responsible for replacement within twenty-four (24) hours.
8. All units shall be equipped with GPS capability and telemetry for fuel level visibility. GPS is expected to be turned on for entire six (6) month duration and Vendor will grant access to a website for monitoring. Must have reporting functionality that includes real time fuel levels, ignition on and off, and current location. Must be able to run reports for all units individually and aggregate (not just individually). Reports must be downloadable into MS Excel and CSV.
9. Remote monitoring/telemetry shall be provided by the Vendor on all assets during the six (6) month storm season, with direct system access to JEA designated contact(s). Remote monitoring will consist of:
  - Fuel levels
  - Running status
  - GPS
  - Alarm status
10. The Vendor shall supply solar chargers for batteries.
11. Once JEA deems an event is occurring, each JEA location (Cedar Bay, Southwest, Mandarin, Blacks Ford and Arlington East) will require a Vendor technician onsite twenty-four (24) hours prior to deployment for inspection and maintenance.
  - During a JEA deemed storm event, two (2) dedicated Vendor technicians will need to be available to respond onsite to maintenance requests within two (2) hours' notice once road travel is safe to operate.
12. Maintenance will be required twice a month on all equipment. Maintenance will consist of:
  - Bi-weekly visit to check on equipment start capabilities
  - Fluids check and top off
  - Trailer status
    - a. Tires

b. Lights

c. Jack functions

13. During the deployment period, reporting of certain functions as noted below will be required. Reporting during a storm event will be required twice a day. Reporting during non-storm periods of the deployment will be required on a monthly basis. The reporting will consist of the following:
  - Fuel levels
  - Run times
  - GPS locations/Zip codes
  - Battery status/voltage levels
14. All trailers will be FDOT compliant and certified. Will have pintle hitch attachments with seven (7) pin adapters.