

**Pickwick Landing State Park Lift Station Repair
Pickwick Landing State Park
116 State Park Lane
Pickwick Dam Tennessee 38365**

This request for bids is for a contract to furnish all material, equipment, supplies, and labor to repair/replace lift station pumps, wiring, and controls in three (3) waste lift stations on three (3) locations and install three (3) phase power at campground lift station.

General Conditions

- 1) On-Site work shall be performed between contract award, and December 1, 2024, unless an exception is granted by the Facilities Management Regional Manager.
- 2) All work shall comply with State-approved versions of the International Building Code, International Plumbing Code and National Electric Code standards, regulations, other applicable codes, manufacturer's recommendation, and best practices. The Contractor is responsible for all permits and associated fees.
- 3) Only the West Tennessee Facilities Management Office can approve any alterations, modifications, or substitutions to the written scope, specifications, or requirements of the project. No additional work shall be authorized unless pre-approved by the Facilities Management Office.
- 4) The Contractor shall keep the jobsite clean and safe and leave in a neat and tidy manner.
- 5) All color selections to be determined by the park and approved by the Facilities Management Office.
- 6) All material substitutions must be pre-approved.
- 7) All materials shall be installed per manufacturer's recommendation and best practice.
- 8) All dimensions listed are approximate. Contractor is responsible for verifying actual dimensions prior to ordering any materials or bidding. No allowances shall be made due to any bidder neglecting to visit the site and verifying dimensions and conditions.
- 9) Contractor shall possess a valid TN CE 90% of work, CMC 6% of work, and 4% of work labor, Contractor license or higher to submit bids.
- 10) All bids over \$100,000 shall include provisions for a payment bond in the amount of twenty-five (25%) of the contract price.

Demolition

1. The Contractor shall demolish all pumps, floats, controls, back flow preventers, gaskets on three lift stations.

Scope of New Work

Rebuilding three lift stations, rewiring two lift stations.

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- 1) The Contractor shall provide and install new check valves on PVC piping in the lift station. This shall include any PVC found to be in a state of failure within the lift station shall be replaced with new.
- 2) The Contractor shall provide and install new pump seal gaskets to seal pump to discharge piping.
- 3) The Contractor shall provide and install new guide rails for pumps to be installed/uninstalled on.
- 4) The Contractor shall provide and install new pumps to replace the existing. Pumps shall be like for like in horsepower and GPM and voltage. The lift station at the campground shall be upgraded to three (3) phase power from single phase. This shall also include new wiring from pumps to control (Motor Starter).
- 5) The Contractor shall install new float controls including wiring to the pump control panel. The Contractor shall include a high-level float to be wired to a strobe warning light outside on top of the pump control box.
- 6) The Contractor shall supply and install new pump controls including motor starters, level control boards if applicable, relays, any component needed to rebuild pump controls.
- 7) The Contractor shall supply and install new operation switches. Switches for each pump shall operate as follows, manual on-off-automatic.
- 8) The Contractor shall be responsible for having the lift station pit pumped as many times as necessary to complete all work.
- 9) The Contractor shall pull new wiring from pump control box to pump pit for power and control at 75 and 175 Wren Way. Pumps control box and floats shall not be replaced just wiring.
- 10) The Contractor shall be responsible for providing and installing one (1) two hundred (200) Amp three (3) phase two-zero-eight (208) pole service including meter, panel box, conduit, wire, and pole to power lift station number three (3) – (campground). This shall include all permits and fees incurred with this service including final inspection.
- 11) The Contractor shall replace pump controls and pumps with three phase equipment including wiring upgrades in lift station number three (3) (campground lift station).
- 12) This shall be a turnkey job all aspects shall be complete, and operation demonstrated to park staff.

Additional Conditions

- 1) All aspects of this job shall be left in a finished condition:
- 2) The Contractor shall be responsible for determining where all utilities are on the job site and care should be taken to protect the utilities from any damage caused by the demo/construction. This shall include any underground utilities around the job site area. If damage occurs, it shall be repaired within a 24-hour period from the time damage occurs.
- 3) The Contractor shall perform work on regular time and shall invoice work time and material not to exceed the quoted price. Any variance in quote shall be addressed only with a representative of the

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West Tennessee Facilities Management Regional Office before any additional work is undertaken or materials ordered.

- 4) This work shall be scheduled to avoid any interference with normal operation of the park as much as possible. During the construction period, coordinate construction schedules and operations with the park manager. Work shall be conducted during the normal business hours of Monday through Friday, 8:00 a.m. to 4:30 p.m., unless an alternate schedule is approved by Facilities Management.
- 5) The successful Contractor shall schedule and attend a pre-construction conference where a pre-construction form shall be signed by Facilities Management, Contractor and Park Manager or park representative before work can begin. The Contractor shall also schedule and attend a final inspection where a final inspection form shall be signed by Facilities Management, Contractor and Park Manager or park representative before final invoice shall be paid.
- 6) The Contractor shall protect areas adjacent to his work and shall be required to repair any damage they may cause. Contractor shall protect work of other trades. The Contractor shall correct any painting related damage by cleaning, repairing, or replacing, and refinishing as directed by Facilities Management. Contractor shall leave residences and other buildings in a habitable manner after hours by securing unfinished openings.
- 7) Workmanship is to be warranted for not less than one year from date of final inspection. Materials shall be warranted as per manufacturer's warranty.
- 8) Unless otherwise indicated, all materials, equipment, and supplies shall be new and in good condition, UL listed when applicable, and all work accomplished in a manner acceptable to Facilities Management.
- 9) Clean up of the project site shall be the responsibility of the Contractor. The Contractor to assure that job site is clean of nails, debris, etc., at end of each day to ensure safety. The Contractor shall clean up and haul away all scrap when work is completed to an approved location off state property.
- 10) The Contractor, employees, and sub-contractors shall be licensed, certified, or registered as required. They shall be registered in the State of Tennessee Edison purchasing system.
- 11) The State of Tennessee shall not be held liable for any damage, loss of property, or injury of personnel resulting from actions of the contractor and/or his/her sub-contractors or employees.
- 12) At all times, the Contractor shall have a copy of project specifications, permits, and certificate of insurance on-site.
- 13) Invoice shall be submitted for payment within 10 days of project completion. A copy of the invoice shall be submitted to West Tennessee Regional Office via mail, fax, or e-mail (address: 21540 Natchez Trace Road, Wildersville, TN 38388, fax:731-968-5668; or e-mail: susan.blankenship@tn.gov)
- 14) Authorized Contacts: Roger Blankenship office 731-968-6608 cell 731-307-9715 or roger.blankenship@tn.gov Reid Mullen 731-407-4042 reid.mullens@tn.gov or Steve O'Dell, Office 731-968-6608, Cell 731-307-9716, steve.odell@tn.gov