

Fall Creek Falls Campground Dump Station
Fall Creek Falls State Park
2009 Village Camp Road
Spencer, Tennessee 38585

This request for bids is for a contract to furnish all material, equipment, supplies and labor to add an additional two (2) waste dump stations and five (5) additional traffic lanes for campground RV waste disposal.

General Conditions

- 1) On-site work shall be performed between contract award and August 15, 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, and International Plumbing Code, standards, regulations, other applicable codes, manufacturer's recommendation, and best practices. Contractor is responsible for all permits and associated fees.
- 3) Only the 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) Contractor shall keep the jobsite clean and safe and leave it 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 by the Facilities Management Office.
- 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 BC-B (sm) 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 percent (25%) of the contract price.

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Demolition

1.The Contractor shall remove tree stumps, three (3) stumps located to the east of existing dump station and approximately fifteen (15) stumps located to the north side of the existing dump station. All trees and brush shall be cleared by park staff before work begins.

2.The Contractor shall demolish and remove concrete pad (formally icehouse floor) located to the east of the dump station. All concrete debris shall be removed from State Park property, unless instructed otherwise, to a disposal site on the park by the park manager.

3.The Contractor shall remove eight (8) inches of topsoil and dump it at an approved site provided by the park manager. This site shall be starting from the marked location at the shoulder of the road, eight (8) feet south of the existing waste dump station and then continue ninety (90) feet north into the stump removal area. This area shall then be cleared of topsoil from the marked location on the east side at the stump removal area west to a marked location at the intersection of the two (2) streets two hundred ten (210) feet west. All topsoil shall be stored on park for park use. The park manager shall identify storage site.

Scope of New Work

1.The Contractor shall leave the existing waste dump station operable during all phases of construction until the final paving stage. Only then shall the existing dump station be removed, and the site prepped for paving. Waste line shall be cut and capped at the lowest point possible.

2.The Contractor shall provide and compact five (5) inches of number fifty-seven (57) limestone over the entire site from which topsoil was removed. Then, the Contractor shall vibratory compact three (3) inches of 33-C crushers run over the entire site.

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3.The Contractor shall provide and install four (4) inch schedule 40 waste lines for the three (3) new dump stations. Areas shall be marked and flagged prior to bid date by Facilities Management. From the street shoulder, the first connection shall be fifteen (15) feet. Measurements shall start at the white line on the street, then eight feet of shoulder, then fifteen (15) feet to the first plumbing stub. The Contractor shall provide four (4) inch schedule 40 pipe thirty-one (31) feet north to the center dump station where it will connect to the six (6) inch main by use of a sweeping quad connector. The Contractor shall then install four (4) inch schedule 40 PVC continuing north thirty-one (31) feet to the final dump station connecting point.

4.The Contractor shall supply and install new six (6) inch schedule 40 waste line two hundred fifty (250) feet east to connect to the closest sewer main and manhole. The Contractor shall install cleanouts at seventy-five-foot (75 ft) intervals with clean out threaded caps and clean out bases set in concrete for stability. The Contractor shall also install tracer cable six (6) inches above the new waste line in the trench for locating. The first clean out shall be located two (2) feet west of the four-way connections for the waste dump stations connecting west side of the quad connector. All ninety-degree angle pipe and the quad connector shall sweep (long radius) piping.

5.The Contractor shall provide potable water connections for wash down hydrants on each dump station island. Potable water connections shall have a master cut off valve located in a meter box to the west of the new dump station islands. Water supply line shall be Schedule 40 PVC.

6.The Contractor shall form islands sixteen (16) inches tall on top of the fifty-seven (#57) and #33-C limestone. The islands shall be six (6) foot in width, twelve (12) foot in length, and then shall taper another three (3) foot to a rounded point. Total length of forming shall be eighteen (18) feet including the tapering at each end. The Contractor shall form two (2) dump points in each island connecting each to waste line previously installed. Each dump point shall be three (3) feet square and shall taper from twelve (12) inches to eight (8) inches broken in the corners to achieve

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fall. The center (bottom) shall have a locking brass drain cover (see approved product chart) over each of six (6) dump points. Concrete shall be four thousand (4000) pound mix at twenty-eight (28) days cure and reinforced with number four (4) rebar.

7. The Contractor shall provide and install two (2) wash down hydrants between each island between dump points each shall be located on the center of the island one (1) foot from the edge of the taper to each dump point. See approved product chart for hydrant style.

8. The Contractor shall provide and install three (3) inches of binder hot mix over the entire site excluding islands. The Contractor shall provide three (3) inches of D mix topcoat over the entire site. After paving installation, islands should extend above pavement ten (10) inches.

9. The Contractor shall provide painted street markings to indicate travel direction. Lanes shall be marked starting with the south side (street side) lane and should indicate east travel; the other side of the island should indicate west travel. Island two (2) left side should indicate east travel and right lane should indicate west travel. Island number three (3), left side, should indicate east travel and right side should indicate west travel.

10. The Contractor shall provide and install new signage identifying camper waste disposal site for park guests only. There shall be at least two (2) signs mounted on street signposts; signs shall be sixteen (16) inches wide by twenty (20) inches tall mounted six (6) foot from final grade to sign bottom. Park manager shall identify location of signs.

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Approved Brands and Specifics (or Pre-approved Equal)

Item	Approved Brand or Pre-Approved Equal	Specific Requirements
PVC Pipe	Genova, Charlotte pipe	Schedule 40
Pipe Fittings	Lasco, Jones Stephens, Pro-Source	Sweep -Long Radius
Dump Station self-closing cap	Trumbull Recreation DSV-GT2	Machined bronze/brass, Gas-tight, Hinged, Sanitary
Sanitary wash down tower	Trumbull Recreation FPWT-1	Fully ADA, Freeze proof, Back flow preventer, Vacuum break,
Limestone	Number 57, and 33-C	Locally sourced
Concrete	4000-pound mix	Locally sourced

Additional Conditions

- 1) The Contractor shall be responsible for all aspects of this job and shall be left in a finished condition. All finish work, interior and exterior walls and trim, finish painting, caulking and final cleanup are included in this contract.

- 2) The Contractor shall be responsible for determining where all utilities are on the job site and must take care to protect the utilities from any damage caused by the demo/construction. This includes any underground utilities around the job site area. If

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damage occurs, the Contractor shall repair damage 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 Facilities Management Regional Office before any additional work is undertaken or materials ordered.
- 4) The Contractor shall schedule work to avoid any interference with normal operation of the park as much as possible. During the construction period, the Contractor shall 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 Contractor shall schedule and attend a pre-construction conference where a pre-construction form shall be signed by Facilities Management, Contractor and State Archaeologist or designee park representative before work can begin. 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. 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. Workmanship is to be warrantied for not less than one year from date of final inspection. Materials shall be warrantied as per manufacturer's warranty.
- 7) The Contractor shall provide, unless otherwise indicated, all materials, equipment, and supplies shall be new and in good condition, UL listed when applicable, and all work shall be accomplished in a manner acceptable to Facilities Management.
- 8) Cleanup of the project site shall be the responsibility of the Contractor. Contractor shall assure that job site is clean of nails, debris, etc., at end of each day to ensure safety.

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Contractor shall clean up and haul away all scrap when work is completed to a location off state property and in accordance with all applicable laws and regulations.

- 9) 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.
- 10) 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.
- 11) At all times, the Contractor shall have a copy of project specifications, permits, and certificate of insurance on-site.
- 12) The Contractor shall submit an invoice for payment within 10 days of project completion. A copy of the invoice shall be submitted to:

Teresa Bell, 2000 Jackson Hill Road, Burns, Tennessee 37029 teresa.bell@tn.gov
- 13) Facilities Management Regional Contact for this project is:

Regional Manager: Don Myatt, 615-218-7697, don.myatt@tn.gov

Project Manager: Tim Stewart, 615-517-0598, tim.stewart@tn.gov