

Nathan Bedford Forest

1825 Pilots Knob Eva, Tn 38333

4 Shelter Renovations

General Conditions

The request for bids is for a contractor to furnish all material, equipment, supplies and labor necessary to Renovate 4 Shelters.

- 1) On-Site work shall be performed between contract award and February 15, 2024, 5-month contract, unless an exception is granted by the Facilities Management Regional Manager. All cabin work shall be done between awarded, and February 15, 2024. Cabin work shall be scheduled to reduce individual cabin downtime.
- 2) Contractors shall possess a valid BC-B (sm) contractor license or higher to submit bids.
- 3) All work shall comply with state-approved versions of the IBC, standards, regulations, other applicable codes, manufacturer's recommendation, and best practices. Contractor is responsible for all permits and associated fees.
- 4) 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.
- 5) Contractor shall keep the jobsite clean and safe and leave in a neat and tidy manner.
- 6) All color selections to be determined by the park or Hospitality Manager and approved by the Facilities Management Office.
- 7) All material substitutions must be pre-approved.
- 8) All materials shall be installed per manufacturer's recommendation and best practice.

9) 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.

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.

General Scope of work

This project shall include replacing the existing asphalt shingles with a twenty-four-gauge standing seam metal roofing system on 4 Shelters 2 of which are across from pavilion and 2 at baseball field. 2 of which will be 5 rib metal across from pavilion. This project shall include removal of the asphalt shingles, and underlayment. Disposal in an approved waste disposal site. This project shall include examining the decking, repairs/replacement to any material found to be unsuitable for roof installation. This project shall include the installation of ice and water shield, sixteen-inch-wide standing seam roof panels, and 5 rib metal roofing. Concrete forming and pouring, painting of siding, and ceiling, and all components to install a finished turnkey project. The contractor shall acquire his own measurements and will be solely responsible for materials to complete this project. The contractor shall be responsible for all permits and fees and will adhere to all codes- IBC, and local code.

Description of Demolition On 4 shelters at pavilion

Demolition- properly dispose of all debris off- property unless otherwise noted.

1. The contractor shall demo asphalt roof shingles, felt paper, and dispose of in approved waste disposal site.
2. Contractor shall remove all decayed or rotten materials.
3. The contractor shall demo and remove all drip edge.
4. The contractor shall demo and remove all decayed or damaged decking and rafters.
5. Contractor shall demo and remove all damaged concrete. (That will be identified at pre bid)

New Work on 2 Shelters at Pavilion

- 1) The contractor shall provide and install new decking to replace decayed or damaged decking.
- 2)The contractor shall replace any or all rafters, decking that is in poor condition If the amount exceeds 1/4 of all on rafters the contractor shall report to WTRO.
- 3)The contractor shall provide and install new fly rafters.
- 4)The contractor shall provide and install all new drip edge.
- 5)The contractor shall provide and install new fascia boards on structures.
- 6)The contractor shall provide and install ice and water barrier.
- 7)The contractor shall provide and install 1x4 lathing boards attached into each rafter.
- 8)The contractor shall provide and install 5 rib metal roofing, ridge cap, and outer closures. (Installation according to manufactures specifications)
- 9)The contractor shall provide and install Hardie siding on gable ends of shelter installed horizontally.
- 10) The contractor shall provide and install fascia metal.
- 11)The contractor shall form and install concrete forms on 2 post that will be 12 inches x 12 inches x 12inches at base of post. (To be identified at pre bid)
- 12) The contractor shall provide and install concrete form on floor approximately 2-foot x 18 inches. (To be identified at pre bid)
- 13) The contractor shall clean, prep and calk Hardie board for painting. Then apply primer and 2 coats of premium paint, color chosen by park management.

New Work on Baseball Field 2 Shelters

- 1)The contractor shall replace any or all rafters, decking in poor condition with rot, wood bee damage or decayed from weather..
- 2) The contractor shall provide and install ice and water barrier.
- 3)The contractor shall provide and install new fascia boards.
- 4) The contractor shall provide and install 2x6 fly rafters.

- 5)The contractor shall provide and install vented Hardie soffit on overhangs and eaves.
- 6) The contractor shall provide and install 12 in Hardie board lap siding installed horizontally.
- 7) The contractor shall provide and install standing seam metal roofing. (Installed according to manufactures specifications)
- 8) The contractor shall provide and install post bracing on all post. (Only on baseball field shelters)
- 9) The contractor shall provide and install fascia metal for fascia boards.
- 10) The contractor shall provide and install broke metal for all main beams.
- 11)The contractor shall provide and install 6-inch gutters on both side of shelter with 5- inch down spouts one on opposite sides of shelters.
- 12)The contractor shall provide and install 1x4 wooden trim for ceiling to cove broke metal edge.
- 13)The contactor shall clean ceiling and paint 2 coats of paint same color as existing paint.
- 14)The contractor shall prep, clean, and calk all seams and joints on all Hardie board.
- 15) The contractor shall provide and paint all primed Hardie board with 2 coats of paint.

Specifications

1. The contractor shall Provide install an approved self-adhering ice and water shield underlayment between the substrate and roof panels. Ice and water shield must also be UL listed and meet the requirements of the roof material manufacture.
2. The contractor shall install a vertical rib one-piece positive locking standing seam metal roof system on each structure. Rib height will be a minimum 1 and $\frac{3}{4}$ inch maximum will be 2 and $\frac{1}{4}$ inches. Panel minimum thickness will be not less than 0.023 inches -24 gauge. Panel length will be continuous panel width will be 16 inches. Panel finish will be Park brown color to be chosen by park management. Panel color and profile samples shall be provided for review.

3. Roof panel and accessories shall be capable of resisting wind up-lift forces outlined in the international building code- 2018 edition. Chapter 15, sections 1501 through 1511. Clips to be installed per manufactures recommendations.
4. Fasteners and accessories shall be as specified by the manufacturer of the roofing system.
5. Flashing, trim, closure strips and caps shall meet or exceed the manufacture minimum recommended requirements.
6. All supporting accessories shall allow thermal movement per roof manufacture's recommendations.
7. Closure strips, sealant tape, thermal spacers and blocks shall not absorb or retain water and shall be an approved component of the roof panel manufacture.
8. Eve end panel is to be crimped/folded back under to offset cleats and conceal raw edge. The contractor shall cut and fold standing seam rib to enclose open rib end. Roofs with chimneys or curbs- downslope shall have a cricket constructed to divert water. Cricket will be constructed in the same pitch as roof.
9. The contractor shall use ice and water shield, step flashing, counter flashing, and caulk wherever necessary to prevent water infiltration.
10. The contractor shall wrap fascia with 0.19 metal trim coil color to match the roof material.
11. The roof material manufacture shall include a 30-year warranty.
12. The contractor shall provide and install 6-inch gutters with 5 inch down-spouts to include leaf guards at the end of the project. Only on baseball field shelters.

Roof panels requirements.

Cold formed steel 24 gauge or better 0.023 inches minimum or better than.

Ice and water shield requirements.

55 ML. Thermal stability 200F rating pliability to 14 degrees. Self-adhesive backing. UV protected.

Trim coil requirements.

Aluminum trim coil, .019 inches pre-finished.

Protection:

This is a turnkey job. All aspects of this job will 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.

All bidders are advised to visit site to verify all conditions and dimensions. No allowances will be made by WTR facility management due to any bidder neglecting to visit the site and verifying dimensions and conditions.

Contractor will 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 will include any underground utilities around the job site area. If damage occurs, it must be repaired within a 24-hour period from the time damage occurs.

Contractor will perform work on regular time and will invoice work time and material not to exceed the quoted price. Any variance in quote will be addressed with a representative of Facilities Management, West TN Regional Office (WTRO) before additional work or materials are supplied.

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 WTR facility management or park management. **Work must be conducted during the normal business hours of Monday through Friday, 8:00 a.m. to 4:30 p.m., unless approval for an alternate schedule is arranged with Facilities Management.**

Successful contractor to schedule and attend a pre-construction conference where a pre-construction form will be signed by Facilities Management, Contractor and Park Manager or park representative before work can begin. Contractor must also schedule and attend a final inspection where a final inspection form will be signed by Facilities Management, Contractor and Park Manager or park representative before invoice will be paid. Project will begin as contract is awarded unless other agreement has been approved by Facilities Management, WTRO.

The contractor will protect areas adjacent to his work and will be required to repair any damage he may cause. Contractor will protect work of other trades. Contractor will correct any painting related damage by cleaning, repairing, or replacing, and refinishing as directed by Facilities Management.

Workmanship is to be warranted for not less than one year from date of final inspection. Materials will be warranted as per manufacturer's warranty.

All materials, equipment, and supplies are to be new and in good condition, UL listed when applicable, and all work accomplished in a manner acceptable to Facilities Management.

Submittals shall be required on all materials and must be presented for approval by the State of Tennessee representative whether it is Architect, Engineer, Designer, Park Manager, Facilities Manager, or Facilities Surveyor. If an Architect or Engineer or Certified, Licensed Designer, then it must contain their State Seal.

Clean up of the project site shall be the responsibility of the contractor. Contractor to assure that job site is clean of nails, debris, etc., at end of each day to ensure safety.

Contractor will clean up and haul away all scrap when work is completed to an approved location off state property.

Contractor, employees, or sub-contractors shall be licensed, certified, or registered as required. They must be registered in the State of Tennessee Edison purchasing system.

The contractor shall have a Certificate of Insurance on file with Facilities Management. Contractor will have insurance as will protect the contractor from claims which may arise out of or result from the contractor's operations under the contract and for which the contractor may be held legally liable, whether such operations be by the contractor or by sub-contractor or by anyone directly or indirectly employed by any of them, or anyone associated with them for whose acts they may be liable. Sub-contractors must also be registered in the State of Tennessee Edison purchasing system, be listed on the bid application and must show proof of insurance and have workers compensation. Insurance requirements are listed below.

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.

Contractor shall obtain all fees and permits required for project. Contractor shall have a copy of project specifications, permits, and certificate of insurance on project site always.

Contractor shall comply with all applicable codes, standards, and regulations in execution of project.

All work must conform to the state's current approved codes, such as the International Building Code. All electrical and plumbing must conform to the latest and most current codes. All Fire Marshall approved projects must have a Certificate of Occupancy issued at the completion of the project. All ADA projects must have approval of the State of Tennessee Facilities Design Coordinator and be in compliance with the latest ADA code at the completion of the project.

Invoice shall be submitted for payment within 10 days of project completion. A copy of the invoice shall be submitted to:

West TN Regional Office
21540 Natchez Trace Rd.
Wildersville, TN 38388
Email: susan.blankenship@tn.gov
Fax 731-968-5668

For scheduling contact: Jason Toler 615-268-0011, Jason.Toler@tn.gov

Facilities Manager: Steve O'Dell, 731-307-9716, steve.odell@tn.gov

Note: The contractor shall be registered with the Department of Revenue for the collection of Tennessee sales and use tax. The State shall not approve a contract unless the proposer provides proof of such registration. The foregoing is a mandatory requirement of an award of a contract pursuant to this solicitation.