



SOUTH DAKOTA DEPARTMENT OF GAME, FISH AND PARKS

523 EAST CAPITOL AVENUE | PIERRE, SD 57501

ADDENDUM NO. 1 10/26/2021

Wood Shingles and Dormer Repairs
Fort Sisseton State Park
Project No. Fsis20Pa & Fsis22Pc

Bid Opening Date:

Department of Game, Fish and Parks
2nd Floor, Foss Building
523 East Capitol
Pierre, South Dakota 57501-3182

Owner: State of South Dakota
Department of Game, Fish and Parks


Scope of this Addendum:

The following becomes a part of the original plans and specifications, taking precedence over the items that may conflict. The bidder shall note receipt and make acknowledgment of the addendum on his bid form, incorporating its provisions in his bid.

Item No. 1: Delete the word "Tapersawn" from Bid Items 1.04 and 2.04 on Sheet 2 of 5.

Item No. 2: Replace Sheet 3 of 5 with the revised Sheet 3 of 5 dated 10/26/2021.

10/26/2021


John Weeldreyer (Oct 26, 2021 11:12 CDT)
John Weeldreyer, PE
Engineer III

SCOPE OF WORK

The work required for this project includes, but is not limited to, the following items, not necessarily listed in order of execution:

Officer's Quarters

- 1. Removal and Disposal of Wood Shingles.
- 2. Repair Roof as Necessary.
- 3. Installation of Wood Shingles.
- 4. New Copper Flashing and Valley Gutters.
- 5. Repair or Replace Fascia and Trim as Needed.
- 6. Reset and Repair Copper Gutters as Needed.
- 7. Rebuild and Paint Gabled Ends of Dormers.
- 8. Replace Windows.
- 9. Remove and Reset Siding as Needed.

Library/Schoolhouse

- 1. Removal and Disposal of Wood Shingles.
- 2. Repair Roof as Necessary.
- 3. Installation of Wood Shingles.
- 4. Repair or Replace Copper Flashing and Valley Gutters as Needed.
- 5. Replace Fascia and Soffit.
- 6. Reset and Repair Copper Gutters as Needed.

COMPLETION DATE

All work shall be substantially complete by May 11, 2022.

Liquidated Damages for work not substantially complete by May 11, 2022 shall be \$375.00 per each calendar day until the work is substantially complete.

GENERAL NOTES

The Contractor is advised to visit the site prior to bid preparation to confirm measurements and ascertain the amount of work involved.

NOTIFICATION TO PROJECT ENGINEER

The Contractor is required to notify the Project Engineer at least 10 days prior to beginning construction activities.

The Project Engineer shall be notified before any over runs from plans quantities are approved.

SEQUENCE OF OPERATIONS

The Contractor shall propose their Sequence of Operations at the Pre-Construction meeting and coordinate it with the Engineer.

ALLOWABLE WORK HOURS

Allowable work hours are Monday-Friday from 7:00 AM - 8:00 PM. The Contractor will not be permitted to work past these hours or on weekends unless approved by the Project Engineer or Park Manager. The Contractor will not be permitted to work on any State of South Dakota observed holidays unless approved by the Project Engineer and Park Manager. All work times shall be coordinated with the Park Manager.

MOBILIZATION

Lump Sum payment for expenses incurred by the Contractor before actual Project construction begins; including but not limited to , bringing personnel, equipment, supplies, and incidentals to the site; establishing temporary offices and other facilities; constructing security fences; obtaining temporary utilities; and paying premiums on bonds and insurance policies.

Progress payments, when applicable, will be made as follows:

- 1. When 5% of the total original contract amount has been earned from other items on the bid schedule, 50% of the amount bid for mobilization will be paid, exclusive of any amount already paid by the Contractor for bond premiums.
- 2. When 10% of the total original contract amount has been earned, the balance of the amount bid for mobilization will be paid.

CERTIFICATION AND TESTING

Certification documents shall be provided by the Contractor for all materials delivered to the site.

WASTE DISPOSAL SITE

The Contractor shall supply his own off-site waste disposal site appropriate for disposing of all waste generated on the project.

FASCIA, SOFFIT, AND TRIM

Pressure treated pine lumber for fascia and trim boards. Two coats of exterior grade semi-gloss latex on fascia and trim matching the existing color.

1/2" AC grade exterior plywood for soffit. Color to match existing soffit.

WOOD SHINGLES

Extent of wood shingles is indicated on drawings and is hereby defined to include units employed as weather protection for roofs.

Provide labeled materials and shingles which have been tested and listed by UL for class and rating indicated for each type required.

Submit technical product data, installation instructions and recommendations from shingle manufacturer, including data that materials comply with requirements.

Deliver materials in manufacturer's unopened bundles, rolls, or containers with labels intact.

Store materials to avoid water damage and store rolled goods on end. Comply with manufacturer's recommendations for job site storage and protection.

Proceed with installation work only after substrate construction and penetrating work have been completed.

Proceed with installation work only when weather conditions are in compliance with manufacturer's recommendations and when substrate is completely dry.

Shingles shall consist of No. 1 Blue Label - sawn and kiln-dried Western Red Cedar, 18" length, grade rated according to the Cedar Shake & Shingle Bureau. Units shall be fire-retardant and in packages bearing UL Class "C" label.

Underlayment is to be No. 30 asphaltic felt meeting ASTM D226.

Provide "Ice and Water Shield" by Grace Construction Products Division or approved equal.

Valley metal shall consist of 16 oz. 20" wide copper flashing.

Chimney and dormer flashing shall be 16 oz. copper flashing. New mortar for chimney flashing to match color and appearance of adjacent mortar.

Nails

Stainless steel or hot-dipped zinc-coated in accordance with shingle manufacturers recommendations.

Galvanized staples or other type fastening will be considered for use provided sufficient information is submitted to the Engineer for evaluation.

EXECUTION

Clean substrate of any projections and substances detrimental to shingling work.

Cover knotholes or other minor voids in substrate with sheet metal flashing secured with roofing nails.

Coordinate installation of shingles with flashing and other adjoining work to ensure proper sequencing.

Lay with butts as straight as practicable considering the texture of the shingles.

Two nails per shingle at least 1 inch from edge and about 1 inch or 2 inches above butt line of the following course.

WOOD SHINGLES CONTINUED

Place minimum 20-inch wide valley metal in center of valley with center crimp.

Lay shingles working away from valley with shingles trimmed parallel to valley to form a 6-inch wide gutter.

Make miter cuts at valley on one wide shingle.

Adjust exposure if necessary when about midway between eave and ridge so that coursing will appear uniform.

Lay scant 10-inch-wide strip of felt over the crown of hips and ridges.

Build hips and ridges with shingles approximately 6 inches wide, double starters, lap from alternate sides, with exposure the same as roof shingles. Tack straight edges on roof, 5 inches from centerline or ridge, one on each side to ensure a neat installation.

Install flashing around projections through roof as required to make a watertight structure.

INSTALLATION - ROOF APPLICATION

Comply with installation details and recommendations for wood shingles and wood shakes in the USDA general technical report "Installation, Care, and Maintenance of Wood Shake and Shingle Roofs" and manufactures recommendations.

Ice and Water Shield

Install one, three foot row of Ice and Water Shield around perimeter eaves of the building and in the valleys. Install in accordance with manufacturer's instructions.

Felt Underlayment

Apply one 36" wide layer of No. 30 roofing felt horizontally over the entire surface to be shingled, lapping succeeding courses a minimum of 2". Fasten felt with sufficient number of galvanized roofing nails to hold in place until application of shingle application.

Install 18" shingles with 4-1/2" weather exposure.

Install shingles, beginning at lower end with a double starter course, projecting shingles 1-1/2" beyond sheathing. Space adjoining shingles 1/4" to 1/2" apart. Nailing each shingle with two nails, spaced 3/4" from edge of shingle and 1" above butt line of subsequent course. Stagger edge joints a minimum of 1-1/2" in succeeding courses. Install shingles to provide weather exposure as indicated. Cut and fit shingles at ridges and edges to provide maximum weather protection.

Flashing

Install copper flashing in accordance with manufacturer's details and recommendations.

The "Wood Shingles - #1 Cedar" bid item will be full compensation for all equipment, work, materials, and incidentals necessary to complete the work as specified.

DORMER REPAIRS - OFFICER'S QUARTERS

Dormer repairs will consist of work required to make the dormers water tight. This will require rebuilding and painting the gabled ends of all dormers in a manner that will eliminate pooling of rainwater and snow. Installing new windows. Repairing or replacing sills, frames, trim and siding as needed.

Windows are to be as historically accurate in appearance as possible.

In addition to the windows located within the dormers there are two additional windows on the second floor that will also be replaced. One each on the north and south ends of the building.

The Lump Sum bid item "Dormer Repairs" will be full compensation for all equipment, work, materials, incidentals necessary to complete the work as specified and shall be paid only once on the Project.

Division of Administration
Foss Building
523 E. Capitol Ave.
Pierre, South Dakota 57501-3182
Phone: (605) 773 - 6082


Department of Game, Fish & Parks

DATE

09 / 29 / 2021

DATE

10 / 26 / 2021

PROJECT NUMBER

F-4-2022 & F-4-222

ISSUED BY

JW

CHECKED BY

THE SHINGLES & DORMER REPAIRS
FT SISSETON STATE PARK
MARSHALL COUNTY, SOUTH DAKOTA

3 OF 5