PROJECT DESCRIPTION AND LOCATION

a) **Scope of Contract**. This project is to replace existing siding on the buildings listed in the bid schedule. Work includes exterior surface preparation including demo and/or repair of existing siding, installation of weather proofing where needed, installation of new siding, caulking, and painting if required. Scope of work includes, but is not limited to, removal of the existing siding, trim, fascia, soffits, and moisture barrier and the installation of all new moisture barrier, siding, trim, fascia, and vented soffits. Drawings are attached for estimating purposes. Contractor is responsible for verifying dimensions and anticipated material quantities prior to estimating and material purchasing. Contractor is to provide all labor, materials, and tools to complete the work and dispose of all refuse off FS property in accordance with all federal, state, and local laws.

b) **Project Location.**

Various locations on the Helena – Lewis and Clark National Forest. See drawings.

c) **Construction Magnitude**: $25,000 - $100,000

d) **Period of Performance:** Contractor will be allowed 14 calendar days per building. All work shall be completed by September 30, 2027.

SPECIFICATIONS

SECTION 01 33 00 – SUBMITTAL PROCEDURES

PART 1 – GENERAL

1.01 PROCEDURES FOR SUBMITTALS

A. Reviewing, Certifying, Approving Authority: Contractor shall be responsible for reviewing and certifying that submittals are in compliance with contract requirements.

B. Scheduling: Allow review period, beginning with receipt by approving authority that includes at least 5 working days for submittals for contracting officer approval. Period of review for submittals with contracting officer approval begins when Government receives submittal from contractor. Period of review for each resubmittal is the same as for initial submittal.

C. Variations: Variations from contract requirements require Government approval pursuant to contract Clause entitled "FAR 52.236-21, Specifications and Drawings for Construction" and will be considered where advantages to government.

D. Submittal Schedule:

SECTION	DESCRIPTION	SUBMITTED	APPROVED
07 25 00	Building Paper		
07 46 00	Siding Product Data		
07 46 00	Siding Maintenance Data		
07 46 00	Siding Colors		
07 46 00	Siding 25 yr Warranty		

SECTION 01 74 00 – CLEAN UP AND DISPOSAL

PART 1 – GENERAL

1.01 CLEAN UP

A. The contractor shall keep the work site free from accumulation of waste materials and rubbish resulting from the work. Clean areas daily as required to maintain a safe working site.
B. Before final acceptance of the project by the Government, the contractor shall remove from the site all excess material, waste, and rubbish resulting from this work.

1.02 DISPOSAL

A. Waste and excess material:
   a. Material that is either waste or in excess of the needs of the contractor shall be disposed of at the contractor's expense in accordance with all local, state and federal regulations at an approved offsite location.
   b. Burning of waste or excess material on site is not permitted.

SECTION 072500 WEATHER BARRIERS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Water-resistive barriers.

1.02 DEFINITIONS

A. Weather Barriers: Materials or assemblies forming water-resistive barriers, air barriers, vapor retarders, or combination of one or more assemblies.
B. Water-Resistive Barriers: Materials or assemblies installed behind exterior wall coverings; designed to prevent liquid water from further penetration into exterior wall assembly.

1.03 FIELD CONDITIONS

A. Maintain temperature and humidity recommended by materials manufacturers before, during, and after installation.

PART 2 PRODUCTS

2.01 WATER-RESISTIVE BARRIERS

A. Description: Materials installed behind exterior wall coverings; designed to prevent liquid water from further penetration into exterior wall assembly. Primary materials include mechanically applied sheets; accessory materials include flashings and seam tapes.

B. Water-Resistive Barrier Membrane: Nonwoven, polypropylene membrane with microporous coating.

2.02 ACCESSORIES

A. Seal and Perimeter Tapes: As recommended by water-resistive barrier manufacturer.

B. Flashings and Sealants: As recommended by water-resistive barrier manufacturer for application.

C. Sealant for Cracks and Joints In Substrates: Resilient elastomeric joint sealant compatible with substrates and weather barrier materials.

2.03 FASTENERS

A. Fasteners for Attaching Water-Resistive Barriers to Substrates: As recommended by barrier manufacturer for application.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that surfaces and conditions comply with requirements of this section.

3.02 INSTALLATION

A. Install materials in accordance with manufacturer's installation instructions.

3.03 FIELD QUALITY CONTROL

A. Inspection and Testing: Cooperate with Owner for inspection
   1. Allow access to work areas and staging.
   2. Do not cover work of this section until inspection is accepted.

B. Take digital photographs of each portion of installation prior to covering up weather barriers.

3.04 PROTECTION

A. Do not leave materials exposed to weather longer than recommended by manufacturer.

SECTION 074619 STEEL SIDING

PART 1 GENERAL

1.01 FIELD CONDITIONS

A. Do not install siding when air temperature or relative humidity are outside manufacturer's limits.

PART 2 PRODUCTS

2.01 STEEL SIDING

A. Steel Siding:
   1. Factory-formed steel siding.
   2. Material: Precoated steel sheet, 26 gauge minimum base metal thickness.
   3. Finish: Shop pre-coated with manufacturer's standard coating system.
   4. Color: to match existing house on site.
   5. Texture: Woodgrain.

B. Steel Fascia:
   1. Material: Precoated steel sheet, 26 gauge, minimum base metal thickness.

C. Steel Soffit:
   1. Material: Precoated steel sheet, 26 gauge, minimum base metal thickness.

2.02 ACCESSORIES

A. Fasteners: Hot dipped galvanized non-staining, of size and strength to securely and rigidly retain the work prefinished to match siding finish

B. Finish: Shop precoated with manufacturer's standard coating system.
   1. Color: Match siding on adjacent building
   2. Texture: Woodgrain

PART 3 EXECUTION

3.01 INSTALLATION

A. Install steel siding, fascia, soffit, trim and accessories in accordance with manufacturer's written instructions.

SECTION 074646 FIBER-CEMENT SIDING

PART 1 GENERAL

4.01 REFERENCE STANDARDS

A. ASTM C1186 - Standard Specification for Flat Fiber-Cement Sheets; 2022, with Editorial Revision (2023).

4.02 SUBMITTALS

A. Product Data: Submit manufacturer's data sheets on each product to be used, including:
   1. Manufacturer's requirements for related materials to be installed by others.
   2. Preparation instructions and recommendations.
   3. Storage and handling requirements and recommendations.
   4. Installation methods, including nail patterns.

4.03 FIELD CONDITIONS

A. Do not install panels when air temperature or relative humidity are outside manufacturer's limits.

PART 2 PRODUCTS

5.01 FIBER-CEMENT SIDING

A. Lap Siding: Individual horizontal boards made of cement and cellulose fiber formed under high pressure with integral surface texture, complying with ASTM C1186, Type A, Grade II; with machined edges, for nail attachment.
   1. Style: Standard lap style;
   2. Texture: Simulated cedar grain
   3. Length: 12 feet nominal.
   4. Width (Height): 6-1/4 inches
   5. Thickness: 5/16 inch nominal.
   6. Finish: Factory applied topcoat
      i. Color: To match existing colors on compound. James Hardie colors;
         1. Siding = Chestnut Brown – JH80-30
         2. Trim = Woodstock Brown – JH30-30
   7. Warranty: 25 year.

5.02 ACCESSORIES

A. Furring Strips, Metal: Galvanized metal channels.

B. Furring Strips, Plastic: Mold resistant, nonabsorptive entangled polymer that promotes drainage and cross ventilation.
   1. Width: 4 inches
   2. Thickness: 3/8 inch

C. Trim: Same material and texture as siding

D. Soffit: Same material as siding

E. Fasteners: Galvanized or corrosion resistant; length as required to penetrate according to manufacturer’s instructions.

PART 3 EXECUTION

7.01 INSTALLATION

A. Install siding in accordance with manufacturer's instructions and recommendations.
   1. Read warranty and comply with terms necessary to maintain warranty coverage.
   2. Use trim details per manufacturer recommendations.
   3. Touch up field cut edges before installing.
   4. Pre-drill nail holes if necessary to prevent breakage.

1. Joints in Horizontal Siding: Avoid joints in lap siding except at corners; where joints are inevitable stagger joints between successive courses.

B. After installation, seal joints except lap joints of lap siding; seal around penetrations, and paint exposed cut edges.

END OF SECTION

GENERAL SPECIFICATIONS

a) Existing Facilities. In addition to the requirements of the Use of Premises Clause, AGAR 452.236-70, all existing facilities structures damaged by the Contractor shall be replaced or repaired by the Contractor at no additional cost to the Government. This includes any facilities inside or outside the project limits, including along any access routes.

Do not trim or damage vegetation except with specific Contracting Officers (CO) approval.

b) Pollution and Erosion Control. During all operations under this contract, the Contractor shall exercise reasonable measures to prevent or minimize soil erosion and pollution of water and other resources. All refuse, including garbage, rubbish, and solid or liquid wastes, from the Contractor's operations, including camps, parking areas, and equipment maintenance areas shall be stored, collected, and disposed of in a sanitary and nuisance-free manner. Refuse shall be disposed of in State-approved landfills unless otherwise approved by the Contracting Officer (CO).

c) Coordination with District Operations. The work will take place in areas critical to daily ranger district operations. The Contractor shall maintain regular contact and coordination with the district representative to assure that district operations are not hindered by the work.

d) Storage and Stockpiling. The Contractor shall confine storage of equipment, materials, and vehicles to within the limits delineated by the Contracting Officer. The Contractor shall be solely responsible for the loss of or damage to materials stored on Forest Service lands or elsewhere.

e) Coordination with Other Contractors. The Contractor shall maintain regular contact and coordination with all other contractors working on the district compounds to assure that the operations of other contractors are not hindered by the work.

f) Worksite Cleanliness and Final Cleanup. Maintain the project work areas in a clean and orderly condition throughout the progress of work under this contract. All refuse, including garbage, rubbish, and solid or liquid wastes from the Contractor's operations shall be stored and collected in a sanitary manner and disposed of off Government property in a legal manner. Maintain strict control of hazardous materials to prevent contamination of the site.

g) Equipment Specifications. Equipment and tools shall be in good mechanical and operating condition, fully capable of performing all phases of the specified work.

h) Weather Conditions. Work will be suspended if, in the opinion of the Contracting Officer, weather conditions preclude effective protection of resources, site rehabilitation, or otherwise impact project end results in a significant, negative manner.

i) Sanitary Facilities – Sanitary facilities are available on site.

j) Notification. Contractor shall notify the C.O. at least two weeks prior to entering a work site.

HAULING AND DISPOSAL OF MATERIALS

a) All loads shall be completely covered during hauling.

b) All materials removed from the site shall be disposed of in a legal manner off National Forest System lands. All fees associated with material disposal shall be paid by the Contractor.

CLEANUP AND DISPOSAL

The Contractor shall at all times keep the area in an orderly condition. Upon completing the work, the Contractor shall remove from the site and premises any rubbish, tools, equipment, and materials that are not the property of the Forest Service. Upon completing the work, the Contractor shall leave the work areas in a clean, neat, and orderly condition satisfactory to the Contracting Officer.

EXISTING UTILITIES

The Contractor is responsible for location of all utilities prior to beginning work. Damaged utilities shall be repaired at the Contractor's expense.

FOOD AND GARBAGE STORAGE

All food, beverages, and scented or flavored toiletries must be stored unavailable to bears at night and when unattended during the day. Attractants include but are not limited to canned food, pop, beer, garbage, grease, processed livestock or pet food, toothpaste, and chap stick. All attractants shall be hung at least 10-feet off the ground and 4-feet from any vertical support, or stored inside a bear resistant container or vehicle. Cars, pick-up cabs, enclosed horse trailers, hard sided campers or camper shells are all considered bear resistant. Food should be stored out of sight in vehicles. Coolers, pop-up campers, backpacks, and tents are not considered bear resistant.

FIRE CONTROL (FS.236.1)

(a) Contractor's Responsibility for Contractor-Caused Fires – The Contractor, whether or not directed by the Forest Service, shall immediately extinguish, without expense to the Government, all fires on or in the vicinity of the project which are caused by Contractor's

employees, whether set directly or indirectly as a result of Contractor operations. The Contractor may be held liable for all damages and costs of additional labor, subsistence, equipment, supplies, and transportation resulting from fires set or caused by the Contractor's employees or resulting from contract operations.

(b) Other Fires – For the purpose of fighting forest fires on or in the vicinity of the project, which are not caused by the Contractor or his employees, the Contractor when requested by the Contracting Officer shall place his employees and equipment temporarily at the disposal of the Forest Service. Payment for such services will be made by the Government at not less than the current rate for fire-fighting services established by the Forest Service in the area concerned.

Any employees and equipment furnished will be relieved from fire fighting as soon as the Forest Service finds that it is practicable to employ other labor and equipment adequate for the protection of the area.

An equitable adjustment in contract time may be made for this period.

(c) Fire Plan – At all times during closed fire season period, as specified by State law, the Contractor shall comply with each of the following provisions to the extent applicable to his operation under the contract.

1. Fire Tools – The Contractor will provide for each employee in the contract area at least one approved hand tool of a type appropriate in the contract area, such as shovel, pulaski, or ax. Tools required and furnished under (2) and (4) below, shall count toward fulfillment of the above requirement. Where additional tools, beyond those required under (2) and (4) below, are to be provided, the Contractor shall seal such tools in one or more boxes painted red and marked "Tools for Fire Only." All tools required herein shall be kept sharp and in good serviceable condition and maintained at locations to be designated by the Forest Service.

2. Fire Extinguishers and Tools on Mobile or Stationary Equipment – Each unit of powered equipment used in connection with this contract, including automobiles, trucks, tractors, etc., shall be equipped with serviceable tools and fire extinguishers as follows:

One - fire extinguisher, dry chemical type of not less than 2-1/2 pound capacity with 4 BC or higher rating.

One - shovel, round point #0 lady or equal.

One - ax, 2 pounds or over, 26-inch minimum length, or one pulaski.

One - water container (at least 1-gallon capacity), not required with stationary equipment.

3. Blasting – Fuse or prima cord shall not be used unless authorized in writing by the CO with special precautions stated.

4. Smoking – Smoking shall not be permitted within the contract area except on surfaced or dirt roads, at landings, within closed vehicles, in camps, or at other posted places, and shall never be allowed while working or traveling on foot.

5. Storage of Petroleum and Other Highly Flammable Products – Gasoline, oil, grease, or other highly flammable material will be stored either in a separate building used exclusively for such storage, or at a site where all combustible debris and vegetation is cleared away within a radius of 25 feet. Fire extinguishers and/or sand barrels may be required at such locations specified by the Forest Service when unusually hazardous conditions exist.

6. Precautions for Stoves – Stovepipes on all temporary buildings, trailers, and tents using wood burning stoves, will be equipped with roof jacks and serviceable spark arresters of mesh with openings no larger than 5/8 inch.

   All stovepipes, inside and out, will not be closer than 2 feet from any wood or other flammable material or 1 foot if the combustible material is protected by a metal or asbestos shield.

7. Welding – Welding or use of cutting torches will be permitted only in areas that have been cleared or are free of all material capable of carrying fire. Flammable debris and vegetation must be removed from within a minimum of 10 feet radius of all welding and cutting torch operations. A shovel and a 5-gallon standard backpack water container (filled), with hand pump attached, shall be immediately available for use in the event of a fire start.

8. Fire Plan – Prior to initiating work on the contract area, during the closed fire season period, a fire prevention and suppression plan will usually be prepared. The Contractor and the Forest Service will jointly prepare this plan. Such plan shall include a detailed list of men and equipment at the Contractor's disposal for implementing the plan. The fire plan shall also specify additional measures and/or special requirements, such as Hoot Owl restrictions, necessary during periods of critical fire weather conditions.

When Hoot Owl restrictions are invoked, the Forest Service may curtail or shut down all or portions of a Contractor's operations. The following requirements may be imposed:

a) All high fire risk operations could be terminated at 1300 local time.

b) All burning could be stopped, including debris burning fires.

c) Patrolman may be required for a period of 2 hours after high fire risk operations and 1 hour after end of work shift. The Contractor shall provide the patrolman unless the contract is for equipment rental, in which case the Government will provide the patrolman.

MEASUREMENT AND PAYMENT

The method of measurement will be as designated in the SCHEDULE OF ITEMS. The accepted quantity will be paid for at the contract unit price for the Pay Item shown in the SCHEDULE OF ITEMS. Payment will be for all labor, equipment, transportation, supervision, operating supplies, materials, and incidentals necessary to complete the work as specified.