LOLO NATIONAL FOREST

SUPERIOR RANGER DISTRICT

SUPERIOR RESIDENCE

WINDOW REPLACEMENT

SPECIFICATIONS

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SECTION 01010
SUMMARY OF WORK

PART 1 - GENERAL

1. Contractor Use of Premises
   A. General: During the construction period, the Contractor shall have use of premises for construction operations.
   B. Contractor shall at all times conduct his operations to ensure the least inconvenience to the public and employees.
   C. Confine storage of materials to areas as approved by the CO.
   D. Contractor shall provide adequate signing and barricades and take necessary safety measures to protect the public during all construction operations. Contractor shall minimize disturbance of all undisturbed areas.

2. Field verification
   A. Contractor shall field verify all new and existing dimensions affecting the work of this contract before ordering products.

3. Government Furnished Property
   A. Power, water and sanitary facilities are available on site.

4. Disposal of Material
   A. Contractor shall remove and dispose of all debris offsite, including materials removed from building.

PART 2 - PRODUCTS

1. The contractor will be required to furnish and install the following products.
   A. Windows (refer to SECTION 08550)
   B. Exterior Trim (refer to SECTION 06200)
   C. Interior Trim (refer to SECTION 06200)
   D. Exterior Paint (refer to SECTION 09910)
   E. Interior Paint (refer to SECTION 09910)

PART 3 - EXECUTION

1. Security - The Contractor shall be responsible for protecting all equipment and supplies for use on the project and stored on the site. The Contractor shall be responsible for all costs required to provide such protection. The construction area shall be secured and placed in a safe condition at the end of each working day.

2. Disturbances - Noise, lights, or other activities that disturb neighboring residents shall not be permitted between the hours of 6:00 pm and 7:00 am.

3. Stage Area - The Contractor shall coordinate with the COR on a staging area location. Access must be maintained to office, residences, and other facilities on the site. The Contractor shall

operate all equipment and store, transport, and handle materials in a manner that will not damage the existing facilities, roads, parking lots, and landscaping.

4. Wastewater Facilities – The Contractor shall furnish temporary onsite wastewater facilities for their use during construction; coordinate staging area location with the District and the COR.

5. Electrical - The Contractor may use on-site electrical service for operation of small power tools.

6. Potable Water - The contractor may use water spigots on the exterior of the building.

7. Cleaning – The Contractor shall ensure all work areas are clean and free of dust, debris and construction waste generated by the project. This includes interior and exterior of building.

END OF SECTION 01010

SECTION 01300
SUBMITTALS

PART 1 - GENERAL

1. Shop drawings, product data, and samples
   A. Submit all shop drawings, product data and samples for the Contractor, subcontractor(s) and supplier(s).

   B. Review all shop drawings prior to submittal. Mark each submittal, and/or each portion of the submittal, with the Specification Section Number that describes the contract requirements for the product being submitted on.

   C. Submit in writing any substitution to previously approved items for review by the COR.

   D. Within 10 days after Notice to Proceed, submit a complete list of products proposed for use, providing manufacturer's name, trade name, and model or catalog numbers, and manufacturer data.

   E. Submit three copies for COR's use.

PART 2 - PRODUCTS

1. Required SUBMITTALS
   A. The following is a list of items for which literature must be submitted to the COR for approval before the item is ordered. The Contractor shall allow ten (10) working days, from date of receipt by COR, for review and approval. Submittals other than those required in the following list may be required by the individual section of the specification. Exclusion from this list does not absolve the Contractor's responsibility to provide the submittals required within this specification. See specification section for details on item requirements.

ITEM	TIME OF SUBMITTAL
Windows (refer to SECTION 08561)	Prior to ordering
Exterior Trim (refer to SECTION 06200)	Prior to ordering
Interior Trim (refer to SECTION 06200)	Prior to ordering
Exterior Paint (refer to SECTION 09910)	Prior to ordering
Interior Paint (refer to SECTION 09910)	Prior to ordering

PART 3 – EXECUTION – NOT USED

PART 4 – MEASUREMENT AND PAYMENT – NOT USED

END OF SECTION 01300

SECTION 06200
FINISH CARPENTRY

PART 1 – GENERAL

1. SUMMARY
   A. This section includes the following:
      a. Exterior Wood Trim
      b. Interior Wood Trim

2. SUBMITTALS
   A. Product samples or Data: For each of the materials listed below.
      a. Exterior Wood Trim
      b. Interior Wood Trim

PART 2 - PRODUCTS

1. MATERIALS, GENERAL
   A. Lumber: DOC PS 20 and grading rules of inspection agencies certified by American Lumber Standards Committee Board of Review.

   B. Exterior Wood trim: D select (Quality) eastern white, Idaho white, lodgepole, ponderosa, or sugar pine

   C. Interior Wood Trim: Softwood Lumber Trim: Eastern white, Idaho white, lodgepole, ponderosa, or sugar pine; Grade D Select (Quality).

   D. Wood Molding Patterns: Made to patterns in WMMPA WM 7 from kiln-dried stock graded under WMMPA WM 4.

   E. Moldings for Painted Finish: P-Grade eastern white, Idaho white, lodgepole, ponderosa, or sugar pine

PART 3 - EXECUTION

1. INSTALLATION
   A. Condition finish carpentry in installation areas for 24 hours before installing.

   B. Prime lumber for painted finish exposed on the exterior.

   C. Install finish carpentry level, plumb, true, and aligned with adjacent materials. Scribe and cut to fit adjoining work. Refinish and seal cuts.

   D. Install wood trim with minimum number of joints practical, using full-length pieces from maximum lengths of lumber available. Stagger joints in adjacent and related trim. Cope at returns and miter at corners.

E. Nail siding at each stud. Do not allow nails to penetrate more than one thickness of siding, unless otherwise recommended by siding manufacturer. Seal joints at inside and outside corners and at trim locations.

END OF SECTION 06200

SECTION 08550
WOOD WINDOWS

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. Submittals: Product Data**, Shop Drawings, and color Samples**.

B. Quality Standard: Comply with AAMA/NWWDA 101/I.S.2.

PART 2 - PRODUCTS

2.1 WOOD WINDOWS

A. Provide **primed and painted** wood windows.

B. Horizontal-Sliding Windows

C. Trim: Provide indicated trim, matching material and finish of frame members.

D. Thermal Transmittance: Provide units with a whole-window U-value of **0.27** at 15-mph exterior wind velocity per [**AAMA 1503**] [**NFRC 100**].

E. Equip units with mesh insect screens on operable sashes.

F. Exterior Color: **To Match Existing**

PART 3 - EXECUTION

3.1 INSTALLATION

A. Set units level, plumb, and true to line, without warp or rack of frames and panels and anchor securely in place.

B. Set sill members in bed of sealant or with gaskets, as indicated, to provide weathertight construction.

C. Adjust operating panels, screens, and hardware for smooth operation and weathertight closure. Lubricate hardware and moving parts.

END OF SECTION 08550

SECTION 09912
PAINTING

PART 1 - GENERAL

1. SUMMARY
   A. This Section includes surface preparation and field painting of exposed exterior and interior items and surfaces.

2. SUBMITTALS
   A. Product Data: For each product indicated.
   B. Color Samples: For each type of material indicated.

3. QUALITY ASSURANCE
   A. Single Source Responsibility: Provide primers and other undercoat paint produced by same manufacturer as finish coats. Use only thinners approved by paint manufacturers, use only within recommended limits.

4. PROJECT CONDITIONS
   A. Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 deg F. Maintain storage containers in a clean condition, free of foreign materials and residue.

   B. Apply waterborne paints only when temperatures of surfaces to be painted and surrounding air are between 50 and 90 deg F.

   C. Do not apply paint in snow, rain, fog, or mist; or when relative humidity exceeds 85 percent; or at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces.

PART 2 - PRODUCTS

1. MANUFACTURERS
   A. Products: Subject to compliance with requirements, provide one of the products listed in other Part 2 articles.
      a. Benjamin Moore & Co. (Benjamin Moore).
      b. Coronado Paint Company (Coronado).
      c. ICI Dulux Paint Centers (ICI Dulux Paints).
      d. Kelly-Moore Paint Co. (Kelly-Moore).
      e. M. A. Bruder & Sons, Inc. (M. A. B. Paint).
      f. PPG Industries, Inc. (Pittsburgh Paints).
      g. Sherwin-Williams Co. (Sherwin-Williams).

2. PAINT MATERIALS, GENERAL
   A. Material Compatibility: Provide block fillers, primers, and finish-coat materials that are compatible with one another and with the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

B. Material Quality: Provide manufacturer's best-quality paint material of the various coating types specified that are factory formulated and recommended by manufacturer for application indicated. Paint-material containers not displaying manufacturer's product identification will not be acceptable.

C. Colors: As selected by Contracting Officer (CO).

3. PREPARATORY COATS
   A. Exterior Primer: Latex-based primer of finish coat manufacturer and recommended in writing by manufacturer for use with finish coat and on substrate indicated.

   B. Interior Primer: Interior latex-based primer of finish coat manufacturer and recommended in writing by manufacturer for use with finish coat and on substrate indicated.

4. FINISH COATS
   A. Exterior Semi gloss Acrylic Enamel:
      a. Submittal required.

   B. Interior Semi gloss Acrylic Enamel:
      a. Submittal required.

PART 3 - EXECUTION

1. PREPARATION
   A. Remove or mask items that are not to be coated. Reinstall items in each area after painting is complete.

   B. Surface Preparation: Clean and prepare surfaces to be painted according to manufacturers written instructions for each particular substrate condition and as specified.

2. APPLICATION
   A. Application Procedures: Apply paints and coatings by brush, roller, spray, or other applicators according to manufacturer’s written instructions.

   B. Minimum Coating thickness: Apply paint materials no thinner than manufacturer’s recommended spreading rate. Provide total dry film thickness of the entire system as recommended by manufacturer.

   C. Prime Coats: Before applying finish coats, apply a prime coat, as recommended by manufacturer, to material that is required to be painted or finished and that has not been prime coated by others. Recoat primed and sealed surfaces where evidence of suction spots or unsealed areas in first coat appears, to ensure a finish coat with no burn-through or other defects due to insufficient sealing.

3. CLEANING AND PROTECTING
   A. Provide adequate protection for all surfaces adjacent to painting surfaces not to be coated.

B. At the end of each workday, remove empty cans, rags, rubbish, and other discarded paint materials from Project site.

4. EXTERIOR PAINT SCHEDULE
   A. Wood Trim:
      a. Acrylic-Enamel Finish: Two finish coats over a primer.
         1) Primer: Exterior wood primer for acrylic enamels.
         2) Finish Coats**:** Exterior semi gloss acrylic enamel.

5. INTERIOR PAINT SCHEDULE
   A. Wood Trim:
      a. Acrylic-Enamel Finish: Two finish coats over a primer.
         1) Primer: Interior wood primer for acrylic-enamel.
         2) Finish Coats: Interior semi gloss acrylic enamel.

END OF SECTION 09912