Statement of Work
Hatchery Building Quarters Window Replacement
Lamar National Fish Hatchery 308 Washington Ave, Lamar, Pennsylvania 16848

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SECTION 01000
GENERAL

1.01 SCOPE OF WORK
A. Contractor shall remove and dispose of the existing windows and trim work then install four new windows for the Hatchery Building Quarters.
Period of Performance: August 1, 2026 – October 31, 2026

1.02 INSPECTION OF SITE
A. Prospective bidders are encouraged to inspect the site by arrangement with Meredith Bartron, Project Leader, Lamar NFH, email Meredith_bartron@fws.gov telephone (272) 867-0932. Contractors should visit the site to familiarize themselves with the extent of the work prior to submitting a bid. All quantities and dimensions indicated are approximate for purposes of bidding and shall be verified in the field. The hatchery is located at 308 Washington Ave, Lamar, PA.

1.03 HATCHERY OPERATIONS
A. Lamar NFH will continue operations during the performance of the contract. The quarters are not occupied at the present time, and the Contractor shall accommodate the needs of the occupants should there be occupants at the time the work takes place. No more than one window shall be removed at a time and window openings shall be closed as quickly as possible.

B. The Contractor shall exercise care and shall schedule their work so as not to interfere with Hatchery operations. If it becomes necessary to interrupt any function of the existing Hatchery, the Contractor shall notify the Contracting Officer at least 48 hours in advance and shall not proceed on such interruptions until such time as the Contracting Officer approves interruptions.

C. The Contractor shall comply with all provisions of Occupational Safety and Health Administration (OSHA) requirements 29 CFR 1910 and 29CFR 1926.

1.04 WORK SCHEDULE, TIME FOR COMPLETION AND LIQUIDATED DAMAGES
A. The Contractor shall operate during regular hours of the Hatchery, unless they have the prior approval of the Contracting Officer. No work will be allowed on Saturdays, Sundays, or legal Holidays.

1.05 CLEANUP
A. Contractor shall restore or replace any property damaged by work, equipment, or employees. Sidewalks and all other public access routes shall be kept clear of debris during construction.

1.06 SUBMITTALS
A. Prior to installation of any item specified as requiring submittal, the Contractor shall submit electronic copies of manufacturer's literature containing detailed specifications and performance data, or shop drawings fully describing the items. Include manufacturer's printed instructions and recommendations for installation.

B. The Government will indicate its approval or disapproval of shop drawings and manufacturer's literature and if not approved as submittedwill indicate its reasons. Any work done prior to such approval shall be at the Contractor's risk.

C. Manufacturer's Literature Required:

1. Windows and all associated materials

1.07 DELIVERY AND STORAGE

A. Materials shall be delivered to the site in a dry and undamaged condition and stored out of contact with the ground. Materials shall be covered with weathertight coverings and kept dry. Materials shall be stacked on firm, level supports.

END OF SECTION

SECTION 07900

CAULKING

PART 1 - GENERAL

1.01 DESCRIPTION

A. The purpose of caulking is to provide a positive seal against penetration of air and moisture at joints between items where caulking is essential to continued integrity of the barrier. Contractor shall completely seal with caulking all joints both interior and exterior around frames, sills, and trim work of all windows.

1.02 APPLICABLE PUBLICATIONS

A. The following publications of the issues listed below form a part of this specification to the extent indicated by the references:

1. Federal Specifications
   TT-S-00227E(3) Sealing Compound: Elastomeric Type, Multi-Component (for Caulking, Sealing and Glazing in Buildings and Other Structures)
   TT-S-00230C(2) Sealing Compound: Elastomeric Type, Single Component (for Caulking, Sealing, and Glazing in Buildings and Other Structures)

2. American Society for Testing and Materials (ASTM)
   Latex Sealing Compounds.

1.03 SUBMITTALS

A. Submit manufacturer's literature for caulking according to Section 01300.

PART 2- PRODUCTS

2.01 CAULKING MATERIALS

A. All caulking materials, unless otherwise specifically approved by the Contracting Officer, shall be a single or double component, non-sagging type in color approved by the Contracting Officer where exposed to view, and shall be one of the following or an equal approved in advance by the Contracting Officer.

1. Exterior: Polysulphide base double component sealant or urethane base single component sealant.

2. Interior: Latex, single component sealant.

PART 3 - EXECUTION

3.01 GENERAL

A. Verify requirement for primer with sealant manufacturer before installation. Clean all joint surfaces as recommended by manufacturer.

3.02 APPLICATION OF CAULKING

A. Install caulking in strict accordance with the manufacturer's recommendations, taking care to produce beads of proper width and depth, to tool as recommended by the manufacturer, and to immediately remove all surplus caulking. Apply only when temperatures meet manufacturer's recommendations.

3.03 CAULKING SCHEDULE

A. Furnish and install the proper caulking at all joints both interior and exterior around frames, sills, and window trim of windows to provide the integrity of a watertight barrier.

END OF SECTION

SECTION 08600

VINYL CLAD DOUBLE HUNG WOOD WINDOWS

PART 1 - GENERAL

1.01 DESCRIPTION

A. Work under this section consists of furnishing and installing new virgin (not recycled) vinyl clad double hung wood windows for the building. Include sills, jambs, all necessary anchors, hardware, glazing, and interior and exterior trim.

B. Related Work: Caulking, Section 07900.

C. The following table lists the windows that require replacement, after the existing windows are removed. Refer to the Appendix of the specifications for the pictures of the house elevations showing the locations for the windows to be replaced, and the required sizes of the new double hung windows. It is recommended that the contractor take field measurements of the actual window size openings before the replacement windows are ordered and installed.

D. For windows 1 and 3, use double 24-inch wide double-hung windows. Two separate 24-inch wide double-hung window units shall be mulled together (joined by the manufacturer) to form a single, large window unit.

E. For windows 2 and 4, use triple 24-inch wide double-hung windows. Three separate 24-inch wide double-hung window units shall be mulled together (joined by the manufacturer) to form a single, large window unit.

| Window # | Approximate Window size | Quantity of windows |
|---|---|---|
| Window # 1 | 48” wide x 52” high | 1 |
| | | |
| Window # 2 | 72” wide x 52” high | 1 |
| | | |
| Window # 3 | 48” wide x 52” high | 1 |
| | | |
| Window # 4 | 72” wide x 52” high | 1 |

1.02 APPLICABLE PUBLICATIONS

A. The following publications of the issues listed below, but referred to by basic designation only, form a part of this specification to the extent indicated by the references:

1. National Wood Manufacturers Association (NWWA):
   1.S.2-73 Industry Standard for Wood Window Units

2. American Society for Testing and Materials (ASTM):
   E547-75 Test for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Cyclic Static Air Pressure Differential

3. Federal Specification
   DD-G-451DGlass, Float or Plate, Sheet, Figured (Flat, for glazing, mirrors and other uses)

1.03 QUALITY ASSURANCE

A. Provide wood window sash manufactured by a single firm so that there will be undivided responsibility for the specified performance of all component parts.

1.04 SUBMITTALS

A. Submit shop drawings for the fabrication and installation of windows and frames, and associated components of the work.

B. Contractor shall be responsible to check the actual window rough opening dimensions by obtaining accurate field measurements before fabrication and delivery. Contractor shall take into account installation tolerances to insure proper fit of the window frame units.

PART 2 - MATERIALS

A. Provide EnergyStar rated windows. Frame and exterior trim shall be water-repellent preservative treated Western Pine at head of jambs with all exterior surfaces clad with preformed rigid virgin vinyl,

with a color selected and approved by the Manager .

B. Sash shall be Western pine 1-3/4" thick, water repellent preservative treated, with all exterior surfaces clad with PVC rigid virgin vinyl. Sash cladding shall be lap-jointed and sealed. Edges of stiles shall be factory painted. Sash shall pivot between jambs without removal.

C. Weatherstripping shall be string-type, to make tight contact at checkrail and sill. Weatherstripping at head shall be polyvinyl chloride bulb, engaging aluminum extruded frame lip. Silicon-treated woven strips shall be set into sash stiles to seal at vinyl jamb liners.

D. Glazing:

1. All sash shall be standard factory double glazed with clear glass.

2. When tested in accordance with procedures of ASTM E547, no water shall pass the interior face of the unit when subjected to a static pressure of 2.86 psf for 15 minutes.

3. Glazing system shall block 99% of the ultraviolet radiation, with a minimum R value of 5, and EnergyStar rated ThermaLock Double Pane Low E-2 Argon Gas Insulated Glazing.

E. Finish shall be prefinished rigid polyvinyl chloride. Color shall be white or as approved by the Manager.

F. Sash lock and strike shall be factory installed.

G. Provide one screen for each operating window. Screen shall be 14-18 mesh aluminum wire in extruded white or approved aluminum frame.

H. Provide 6 over 6 grids, colonial contour grids between glass dividers.

H. Windows shall be manufactured by Andersen, Jeld-Wen, or approved equal.

## PART 3 - EXECUTION

### 3.01 INSTALLATION

A. Contractor shall comply with the manufacturer's recommendations for installation. Include sills, jambs, all necessary anchors, hardware, glazing, and interior trim. Exterior trim shall be preserved, while interior trim that is not clad in vinyl shall be primed and stained with a color approved by the Manager.

B. Set units plumb, level and true to line, without warp of frames. Anchor securely in place.

C. Set sill members and other members in a bed of compound or with joint fillers or gaskets to provide weathertight construction.

D. Clean window sash promptly after installation, exercising care to avoid damage of the protective coating. Remove excess glazing and sealant compound, dirt and other substances.

END OF SECTION

Appendix

Pictures of the house and window locations:

Window Number 1 is 48” wide x 52” high. This window is the upper level window, to be replaced with two separate 24-inch wide double-hung window units that are mulled together (joined by the manufacturer) to form a single, large window unit.

Window Number 2 is 72” wide x 52” high. This window is the upper level window, to be replaced with three separate 24-inch wide double-hung window units that are mulled together (joined by the manufacturer) to form a single, large window unit.

Window Number 3 is 48” wide x 52” high. This level window, to be replaced with two separate 24-inch wide double-hung window units that are mulled together (joined by the manufacturer) to form a single, large window unit.

Window Number 4 is 72” wide x 52” high. This window is the upper level window, to be replaced with three separate 24-inch wide double-hung window units that are mulled together (joined by the manufacturer) to form a single, large window unit.

Interior window trim shall be removed and replaced to match existing trim, and be stained the same color.