

10/26/2012

ADDENDUM # 01

Project: INVEST SAINT PAUL INITIATIVE NEIGHBORHOOD

STABILIZATION PROGRAMS (NSP) AND REBUILDING PLAN

2009-2013

Location: 995 Carroll Avenue, St. Paul, MN

Job No.: 1205

This Addendum forms a part of the HRA Scope, Specification and Drawings. It modifies the "Bid Set" of documents: Scope, Specification and Drawings dated 10/5/2012.

The additions, revisions, corrections, and clarifications contained herein shall be made to the scope, specifications, and drawings for the project and shall be included in the revisions to the bids to be submitted. References made below to drawings and specifications shall be used as a general guide only. Bidders and Contractors shall determine for themselves all of the work affected by Addendum items and acknowledge receipt of the Addendum in submitted bids.

CHANGES TO THE SCOPE/SPECIFICATIONS

SECTION 08 0152 – WINDOW SASH REPLACEMENT

1. This section changed and reissued in it's entirety, per the attachment.

SECTION 08 5213 - METAL-CLAD WOOD WINDOWS

11. This section changed and reissued in it's entirety, per the attachment.

END OF ADDENDUM #1

SECTION 08 0152 WINDOW SASH REPLACEMENT

PART 1 - GENERAL

1.01 LOCATION

- A. Lead-based paint hazards exist in the scope of work for this section. Review the Lead Report, attached in this Manual for locations of lead hazards, and see Section 02 83113 Lead Hazard Control Activities for requirements for lead hazard controls.
- B. Remove and replace window sashes, all fixed and operable.

1.02 SECTION INCLUDES

- A. This Section includes:
 - Aluminum clad wood double hung replacement sash complete with hardware, glazing, weather strip, insect screen, simulated divided lite, standard or specified anchors, trim, attachments, and accessories
 - 2. Refer to Drawings for window types and rough opening sizes. Field measure rough openings prior to ordering windows.

1.03 REFERENCE STANDARDS

A. AAMA/WDMA/CSA 101/I.S.2/A440 - Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors; American Architectural Manufacturers Association; 2008.

1.04 PERFORMANCE REQUIREMENTS

- A. Performance Requirements: Energy Star Rated to meet Minnesota climate conditions. Climate Zone 6 for 2006 IECC, ASHRAE 90.1-2007 and ENERGY STAR.
- B. Performance Ratings: Meet AAMA/WDMA performance ratings as follows: minimum ODP 80 for air infiltration, DP40 for water infiltration, and DP40 for structural performance. Unit U-value of 0.34.

PART 2 - PRODUCTS

2.01 CLAD WOOD SASH REPLACEMENT SYSTEM

- A. Basis of Design: Window specifications are based on products manufactured by Marvin Windows.
- B. Windows: Kiln dried bare wood, suitable for stained and transparent finish; water repellent and preservative treated; clad on the exterior with 0.055-inch thick extruded aluminum; sash corners slot and tenoned. Extrusion for frame may be different color than sash. Double hung type with top sash factory fixed in place for single-hung function, except fixed windows where indicated on Drawings. Operable sash may be tilted inward 90 degrees from bottom. Furnished with snap-on nailing fins or masonry clips where noted on drawings.
- C. Glass: Clear insulating Low E Maximizer Plus glass, 3/4" thick with a low-conductance spacer, argon filled. Fixed in place with interior, removable wood stops. Provide tempered glass in windows in hazardous locations as defined in International Residential Code. Solar heat gain coefficient of 0.33 maximum.
- D. Finish: Exterior aluminum cladding, available in 50 standard colors, conforming to AAMA 2604. Interior bare wood to be finished under Section 09 90 00 Painting & Coating. Color to be selected from manufacturer's current full range of colors without limitation.

E. Window Hardware:

- 1. Surface Mounted Sash Lift: Zinc die-cast with plated bronze finish.
- 2. Locks: Zinc die-cast cam lock and keeper with plated bronze finish.
- 3. Track: Vinyl extrusion, with Talon wood jamb liner on interior and aluminum exterior cover inserts.
- 4. Balancing System: Coil spring block and tackle system with nylon cord and fiber filled nylon clutch.

F. Screens: Provide screens on all operable windows. Half screen only on all single-hung windows (lower sash only). In lieu of standard fiberglass mesh cloth on screens, equip units with charcoal gray coated aluminum mesh insect screens on operable sashes.

2.02 ACCESSORIES

- A. Minimal-Expanding Foam:
 - 1. Dupont; Product: Window and Door Foam.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Comply with manufacturer's instructions.
- B. Preparation of Existing Opening: Remove and set aside existing window treatments and hardware. Remove and dispose of existing window stops, sashes and parting stops completely.
- C. Insulation: Remove and set aside weight pocket access cover. Remove and dispose of sash weights, ropes and pulleys. Fill weight cavity full with minimal expanding spray foam insulation. Replace access cover.
- D. Sash and Track Installation: Set jamb tracks on compressible foam gasket for weathertight construction. Set sash units plumb, level, and true to line, without warp or rack of frames and panels. Provide support and anchor tracks securely in place.
- E. Adjust operating sashes, screens, and hardware for a tight fit at contact points and weatherstripping for smooth operation and weathertight closure. Replace existing window treatments and hardware if applicable.

3.02 CLEANING

- A. Clean units and glass after installation.
- B. Avoid damaging protective coatings and finishes.
- C. Remove and dispose of debris from installation.
- D. Remove visible labels and adhesive residue from glass according to manufacture's instructions.

END OF SECTION

SECTION 08 5213 METAL-CLAD WOOD WINDOWS

PART 1 - GENERAL

1.01 LOCATION

A. Remove and replace North Kitchen window, sized to fit new smaller opening per the draiwngs.

1.02 SECTION INCLUDES

- Clad wood windows.
- B. Window opening preparation
- C. Refer to Drawings for window types and rough opening sizes. Field measure rough openings prior to ordering windows.

1.03 REFERENCE STANDARDS

- A. AAMA/WDMA/CSA 101/I.S.2/A440 Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors; American Architectural Manufacturers Association; 2008.
- B. AAMA 2605: Voluntary Specification for High Performance Organic Coatings on Architectural Extrusions and Panels.
- C. NFRC): 101: Procedure for Determining Fenestration Product Thermal Properties.
- D. SIGMA / IGCC: Sealed Insulating Glass Manufactures Association / Insulating Glass Certification Council .

PART 2 - PRODUCTS

2.01 CLAD WOOD WINDOWS

- A. Basis of Design: Window specifications are based on the Double-Hung TiltPac manufactured by Marvin Windows.
- B. Windows: Kiln dried douglas fir, pre-primed and suitable for stained and transparant finish; water repellent and preservative treated; clad on the exterior with 0.055-inch thick extruded aluminum; 1-5/16" composit sash thickness; sash corners slot and tenoned; removable exterior vinyl glazing stops with extruded aluminum covers for units with simulated divided lites; and removable exterior vinyl glazing stops for one lite units. Bottom rail bevel: 14 degrees.
- C. Glass: Clear insulating Low E 366 glass, 3/4" thick with a low-conductance spacer, argon filled and silicone bedding. Provide tempered glass in windows in hazardous locations as defined in International Residential Code. Solar heat gain coefficient of 0.33 maximum.
- D. Finish: Exterior aluminum cladding conforming to AAMA 2605. Interior wood to be bare wood, stained under Section 09 90 00 Painting And Coating. Color to be selected from manufacturer's current standard and select color options.
- E. Window Hardware:
 - 1. Surface Mounted Sash Lift: Zinc die-cast with plated bronze finish.
 - 2. Locks: Zinc die-cast cam lock and keeper with plated brass finish.
 - 3. Jamb Track: Vinyl extrusion.
 - a. Color selected from Manufacturer's standard choices.
 - 4. Balancing System: Coil spring block and tackle system with nylon cord and fiber filled nylon clutch.

F. Weather Strip

- , leaf weather strip at head jamb parting stop which seals against top sash; dual durometer double leaf at check rail; bulb type dual durometer weather strip at vinyl hardware track. Color: Beige.
- G. Screens: Provide screens on all operable windows. Half screen only on all single-hung windows (lower sash only). Provide charcoal gray coated aluminum mesh insect screens, 18 by 16, on operable sashes.
 - 1. Frame: Aluminum, finish to match window color.

- H. Simulated Divided Lites (SDL)
 - 1. 5/8 inch wide, with internal spacer bars.
 - a. Exterior muntins: 0.055 inch thick extruded aluminum.
 - b. Interior muntins: Douglas Fir Muntins adhered to glass with closed-cell copolymer acrylic foam tape.
 - c. Pattern: Rectangular; Custom lite layout.
 - d. Finish: Match sash finish.

2.02 ACCESSORIES

- A. Flexible Flashing
 - 1. Rubberized straight flashing for window/dor heads/'jambs and other exterior wall penetrations
 - a. Dupont; Product "StraightFlash", 9 and 4 inch widths.
 - 2. Flexible rubberized flashing for window sills and the sills of micellaneous exterior wall penetrations.
 - a. Dupont; Product "Flexwrap", in 9 inch width.
- B. Minimal-Expanding Foam:
 - 1. Dupont; Product: Window and Door Foam.
- C. Window Sill Shims.
 - 1. Provide beveled cedar lap siding cut to window roughopening lengthand stud wall depth.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verification of Conditions: Before Installation, verify openings are plumb, square, and of proper dimension as required. Report frame defects or unsuitable conditions to the Construction Manager before proceeding.
- B. Acceptance of Conditions: Beginning of installation confirms acceptance of existing conditions.

3.02 OPENING PREPARATON

- A. After existing window has been removed and new opening roughed-in install beveled cedar shim at rough sill sloping towards the exterior. Shim to be as wide as the rough opening including sheathing thickness.
- B. Staple 12" wide strip of building paper, the width of the rough opening to the bottom edge of the sill rough opening. Leave it hanging loose so that it can be lapped over existing water-resistive barrier.
- C. Install flexible flashing on rough sill flush with inside face of rough opening and sealing over the top of the 12" wide strip of building paper. Extend flexible flashing up jambs 6".
- D. Install 9" wide "StraightFlash" on each jamb, flush with the inside face of the rough opening and wraping entire jamb and outside face of sheathing. Extend 6" above rough opening head and 6" below rough opening sill.
- E. Apply bead of sealant to the back side of the jamb and head nailing flanges (do not seal sill flange), for sealed condition at existing sheathing, and install window in rough opening per manufacturer's written instructions.
- F. Apply 4" wide "StraightFlash" to jamb and head nailing flange sealing to sheathing and window frame.
- G. Install metal drip flashing at window head per manufacturers instructions.
- H. Apply 4" wide "StraightFlash" over top leg of drip flashing and seal to sheathing.
- I. Install building paper around window laping existing water-resistive barrier 4" minimum.

3.03 INSTALLATION

- A. Comply with manufacturer's instructions. Set sash units plumb, level, and true to line, without warp or rack of frames and panels. Provide support and anchor tracks securely in place. Provide flashings, chinking and sealant as recommended by window manufacturer.
- B. Adjust operating sashes, screens, and hardware for a tight fit at contact points and weatherstripping for smooth operation and weathertight closure.

3.04 CLEANING

- A. Clean units and glass after installation.
- B. Avoid damaging protective coatings and finishes.
- C. Remove and dispose of debris from installation.
- D. Remove visible labels and adhesive residue from glass according to manufacture's instructions.

END OF SECTION