

**DOCUMENT 00 9113**

**ADDENDA**

**SPECIFICATION NO. 21-11604-C**

**CITY OF BERKELEY**

**WEST BERKELEY SERVICE CENTER IMPROVEMENT PROJECT**

**1900 SIXTH STREET, BERKELEY, CA 94710**

The following Addenda were issued, modifying the Project Manual:

Addendum No. 1, issued on **February 20, 2024**

Addendum No. 2, issued on **February 26, 2024**

Addendum No. 3, issued on **March 1, 2024**

**ADDNDUM NO. 2**  
**March 1, 2024**

The contract documents for Specification No. 23-11600-C for the Central Library HVAC Replacement Project are amended as follows:

- 1-1. Document 06 20 00 – Finish Carpentry**  
Article 2.01 Paragraph C is amended as follows:
2. Fiber cement boards for exterior play-area fencing: TrueXterior, Polyash board: 1-inch by 2.5-inch actual dimension.
- 1-2. The Contract Drawings are revised. See revisions as follows:**
- Sheet A2.31: New signage scope shown.
  - Sheet A2.33: Legend added to roof plan.
  - Sheet A9.11: LVT flooring transition note added.
- 1-3. West Berkeley Senior Center Renovations Fire Alarm As-Builts dated October 2012**  
Plan set dated October 2012 added to the Contract Documents as reference only. City does not guarantee accuracy.
- 1-4. Asbestos and Lead Survey for Interior Improvements dated February 2024**  
Narrative survey report and analytical results for asbestos and lead survey conducted in areas to be disturbed during construction, including flooring, baseboards, mastic, drywall tape, texture, and compound, ceramic tile, and various painted surfaces.

Questions and Responses:

- 2-6. Is there a hazardous materials report available and will hazardous material remediation be part of the scope?**  
City Response: City Response: The City conducted a hazardous material survey on existing roofing material to be removed. All samples were non-detect for asbestos containing materials and the report will be made available with this Addendum. The City is in the process of conducting a second hazardous materials survey in areas to be disturbed as part of the contract work. This second report will be added to the Contract Documents when it is available. The base bid shall assume that hazardous materials remediation is not in contract. **The second hazardous materials survey results are included as additional materials with this Addendum. Asbestos containing materials were not detected in any flooring, baseboards, mastic, drywall, or ceramic tiles to be disturbed. Lead paint was found on exterior window sills facing the courtyard that are to be replaced. Ceiling tiles and HVAC ducting inside soffits were inaccessible at the time of the survey and will need to be sampled prior to disturbance.**
- 2-46. Please provide a legend or clarify what the different shading for the roof plan is referring to on Plan A2.33.**  
City Response: A legend is applied to Sheet A2.33 – Roof Plan.
- 2-47. Are all of the existing room ID signage to remain as is or are we supposed to provide new signage for every room? We are currently assuming only providing room ID signage for the restroom and janitor's closet?**  
City Response: All existing signage to remain. New sign scope shown on A2.31.
- 2-48. Please confirm that the existing plywood for the existing roof is to remain or is it being demolished and replaced with the rest of the roof system?**  
City Response: Existing plywood roof sheathing is to remain.

- 2-49. Is the concrete slab at the exterior storage #31 & at Storage Room #8 existing? It is stated as concrete slab on the finish schedule and not as "existing slab" like other areas mentioned as.**  
City Response: Concrete slab at Exterior Storage #31 and Mech Room #8 is existing. Finish Schedule is clarified.
- 2-50. Detail 1/A7.21: Please clarify the specification for material, approved manufacturers, etc. for the fiber cement trim for the exterior fence at the play area. Detail in drawings just state size of 5/4" x 2.5".**  
City Response: 06 20 00 Finish Carpentry is updated: - use TrueXterior 1" x 2.5" (actual dimension) poly-ash trim board
- 2-51. Spec 09 05 61: Is the Remedial Floor Coating and Remedial Floor Sheet Membrane in section D & E of 09 05 61 required for all areas receiving new flooring? If not all areas, please specify where this is required.**  
City Response: Remedial Floor treatments and membranes are not required.
- 2-52. Are we to provide new wall room/door signs for the entire building or just for the janitors closet and restroom? Are there any exterior signage or building signage required?**  
City Response: Restrooms and janitor closet only. New sign scope shown on A2.31.
- 2-53. A9.11: Please provide specifications for the dining room (14) existing floor as it has to be the same thickness as the new LVT flooring or the specified Schluter Reno-T transition called out in the drawings won't work.**  
City Response: Powerhold LVT transitions appropriate to the various floor thickness transitions are acceptable. A9.11 note is changed to address new product.
- 2-54. A9.11: Schluter Reno-T is a tile to tile transitions that is held in place by the thinset mortar that is usually installed with tile flooring. Therefore, there is not a good way to hold the transition in place as called for. Please provide an alternate transition or will PowerHold LVT 150 (comes in bronze/alum/nickel) be an acceptable alternate?**  
City Response: Powerhold LVT transitions appropriate to the various floor thickness transitions are acceptable. A9.11 note is changed to address new product.
- 2-55. ED1.01/E1.01: Please confirm if any demo or changes to the electrical work is needed in the new Janitor's Closet location, none shown on drawings.**  
City Response: No electrical changes are proposed for Janitor Room #13.
- 2-56. E0.01: As Built drawings provided from previous builds show the existing fire alarm control panel in the storage room #19. But the type of panel or the existing monitoring entity is not provided. Please provide information to accurately price the modification to the existing fire alarm system as specified on note P on E0.01.**  
City Response: Notifier NFS-320. See Fire Alarm As-Built drawings dated 2012 provided as additional reference material with this Addendum.
- 2-57. Please provide Height connections at the building for the playground Shade Structure.**  
City Response: Heights are shown on A7.21: New post height on detail 3/A7.21, mounting height at storage room to be determined in the field, approximately 8'-6" into solid blocking or framing aligning with roof rafters.
- 2-58. Please clarify Fire Alarm scope of work.**  
City Response: Update device placement/locations based on new room layout at areas of new work only.
- 2-59. Is temporary chain link fence required anywhere in the property at any time of the project duration.**  
City Response: Contractor is responsible for securing the work site including any property, equipment, and materials per Specification 00 7200 General Conditions.

- 2-60. In reference to building being occupied during construction, is there a phase plan and/or areas where building will be occupied during the construction.**  
City Response: TBD prior to start of construction.
- 2-61. Spec section Alum Framed Storefronts 08 43 13 is included but no reference of any new or repair work to existing or new storefront system. Confirm area of work.**  
City Response: See plan detail 1/A2.51 for new window scope using storefront sections, details 4/A2.51 and 6/A7.43, and Section 1/A3.13.
- 2-62. Please provide attachment detail for the fascia board to playground fence.**  
City Response: The playground fence does not have a fascia.
- 2-63. Finish schedule calls for CT-01 Porcelain Tile in Restrooms. 12x24 Ceramics Technics, Firenze Design Stones - Wall Tile - but none shown in drawings. Confirm restroom walls include Quartz panels not wall tile.**  
City Response: See all interior elevations on A4.11 and A4.15 - solid surface wall panels are called out at all restroom locations, no porcelain wall tiles are in the scope. CT-01 is for floors only.
- 2-64. Do we need to wash the exterior of the windows as part of the final clean?**  
City Response: Yes, all exterior windows should be washed during final clean.
- 2-65. Please confirm if GPS Air is an approved equal of Plasma Air ionizers.**  
City Response: The City of Berkeley's consultant has specified Plasma Air ionizers, no substitutions are contemplated.
- 2-66. Are both the new and existing panel in the same room? How far away are they from each other?**  
City Response: Existing plans are scaled. Existing panel location is approx. 10ft from the new panel location.
- 2-67. Is compliance with Section 3 (listed as Attachment C in Section 00-7201) a requirement to bid this project for businesses not owned and/or controlled by low income persons, public housing residence, or with labor hours with Section 3 workers? How can an organization meet the Section 3 requirements if they are not owned and/or controlled by low income persons, public housing residence, or with labor hours with Section 3 workers? Can they please clearly state what the Section 3 requirements are and if our subcontractors have to meet these requirements as well.**

City Response: Contractors and subcontractors are not required to be Section 3 Businesses as defined in Section II of Attachment C in order to bid or be awarded on this project.

To comply with Section 3 requirements after award, contractors and subcontractors are required to certify that they will:

- i. Follow the required prioritization of effort for Section 3 workers, Targeted Section 3 workers, and Section 3 business concerns as outlined in Section IV of Attachment C.
- ii. Attempt to meet Safe Harbor benchmarks for percentage of labor hours performed by Section 3 workers (25%) and Targeted Section 3 workers (5%) as defined on Page 3 of Attachment C; OR if unable to meet Safe Harbor benchmarks, provide evidence that they have made qualitative efforts to assist low and very low-income persons with employment and training opportunities, e.g. document attempts to provide employment or training such as outreach, job postings, etc.

A pre-job meeting will be held after award to provide an overview and guidance on Section 3 requirements and compliance.

**END OF DOCUMENT**

**SECTION 06 20 00 - FINISH CARPENTRY****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Interior Finish Carpentry
- B. Exterior Finish Carpentry
- C. Wood casings and moldings.
- D. Plywood backboard for telecommunications equipment.

**1.02 RELATED REQUIREMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.
- B. Section 08 14 16 - Flush Wood Doors.
- C. Section 08 80 00 - Glazing
- D. Section 09 90 00 - Painting and Coating: Field finishing of finish carpentry items.

**1.03 REFERENCE STANDARDS**

- A. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials Current Edition.
- B. ANSI A135.4 - Basic Hardboard 2012 (Reaffirmed 2020).
- C. ANSI A208.1 - American National Standard for Particleboard 2016.
- D. ANSI Z97.1 - American National Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test 2015 (Reaffirmed 2020).
- E. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass 2018.
- F. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials 2022.
- G. AWI/AWMAC/WI (AWS) - Architectural Woodwork Standards, 2nd Edition 2014, with Errata (2016).
- H. AWMAC/WI (NAAWS) - North American Architectural Woodwork Standards 2021, with Errata.
- I. AWPA U1 - Use Category System: User Specification for Treated Wood 2021.
- J. BHMA A156.9 - Cabinet Hardware 2020.
- K. HPVA HP-1 - American National Standard for Hardwood and Decorative Plywood 2020.

- L. PS 1 - Structural Plywood 2009 (Revised 2019).
- M. WI (CCP) - Certified Compliance Program (CCP) Current Edition.
- N. WI (CSIP) - Certified Seismic Installation Program (CSIP) Current Edition.

#### **1.04 SUBMITTALS**

- A. CALGreen Submittals: Provide the following:
  - 1. Product Data for CALGreen 5.504.4.1 – Finish Material Pollutant Control; Adhesives, Sealants, and Caulks: For adhesives, sealants, and caulks, including printed statement of VOC content and chemical components.
  - 2. Product Data for CALGreen 5.504.4.3 – Finish Material Pollutant Control; Architectural paints and coatings, including printed statement of VOC content and chemical components.
  - 3. Product Data for CALGreen 5.504.4.5 – Composite Wood Products: For composite-wood products, showing requirements for formaldehyde as specified in Table 5.504.4.
  - 4. Refer to Section 01 81 13 - NTU Sustainable Design Requirements: Requirements for certified wood and low-emitting materials.
- B. Product Data:
  - 1. Provide manufacturer's product data, storage and handling instructions for factory-fabricated units.
  - 2. Provide data on fire retardant treatment materials and application instructions.
  - 3. Provide instructions for attachment hardware and finish hardware.
- C. Shop Drawings: Indicate materials, component profiles, fastening methods, jointing details, and accessories.
  - 1. Provide information as required by AWI/AWMAc/WI (AWS) or AWMAc/WI (NAAWS).
  - 2. Include certification program label.
- D. Samples: Submit two samples of wood trim 12-inch long.
- E. Certificate: Submit labels and certificates required by quality assurance and quality control programs.
- F. Manufacturer's Instructions: Provide manufacturer's installation instructions for factory-fabricated units.

#### **1.05 QUALITY ASSURANCE**

- A. Forest Stewardship Council (FSC) Certified Products:

1. Manufacturer Qualifications: A qualified manufacturer that is certified for chain of custody by an FSC-accredited certification body.
  2. Forest Certification: Provide components made with not less than 50 percent of wood products obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship."
- B. Fabricator Qualifications: Company specializing in fabricating the products specified in this section with a minimum of five years of documented experience.
1. Accredited participant in the specified certification program prior to the commencement of fabrication and throughout the duration of the project.
- C. Quality Certification:
1. Comply with WI (CCP) woodwork association quality certification service/program in accordance with requirements for work specified in this section [www.woodworkinstitute.com/#sle](http://www.woodworkinstitute.com/#sle).
- D. Provide labels or certificates indicating that the work complies with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS) requirements for grade or grades specified.
1. Provide designated labels on shop drawings as required by certification program.
  2. Provide designated labels on installed products as required by certification program.
  3. Submit certifications upon completion of installation that verifies this work is in compliance with specified requirements.

## **1.06 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver factory-fabricated units to project site in original packages, containers or bundles bearing brand name and identification.
- B. Store finish carpentry items under cover, elevated above grade, and in a dry, well-ventilated area not exposed to heat or sunlight.
- C. Protect from moisture damage.
- D. Handle materials and products to prevent damage to edges, ends, or surfaces.

## **PART 2 PRODUCTS**

### **2.01 FINISH CARPENTRY ITEMS**

- A. Quality Standard: Custom Grade, in accordance with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS), unless noted otherwise.
- B. Surface Burning Characteristics: Provide materials having fire and smoke properties as required by applicable code.
- C. Exterior Woodwork Items:

1. Soffits, Trim, Window Casings, Moldings and Fascias: Redwood or Western Red Cedar; prepare for opaque finish. Option to use fiber-cement or poly-ash trim in dimensions to match existing wood trim approved by Architect/Owner.
  2. Fiber cement boards for exterior play-area fencing: TrueXterior, Polyash board: 1-inch by 2.5-inch actual dimension.
- D. Interior Woodwork Items:
1. Moldings, Bases, Casings, and Miscellaneous Trim: Clear white pine; prepare for paint finish.
  2. Moldings, Bases, Casings, and Miscellaneous Trim for Transparent Finish: Clear Douglas fir or cedar; prepare for transparent finish.

## **2.02 SUSTAINABILITY CHARACTERISTICS**

- A. Provide composite wood products complying with composite wood indoor emission requirements per CalGreen requirements.

## **2.03 LUMBER MATERIALS**

- A. Softwood Lumber: pre-finished pine, sawn, maximum moisture content of 6 percent; of quality suitable for opaque finish.
- B. Hardwood Lumber: oak species, maximum moisture content of 6 percent; of quality suitable for transparent finish.

## **2.04 SHEET MATERIALS**

- A. Softwood Plywood, Not Exposed to View: Any face species, medium density fiberboard core; PS 1 Grade A-B, glue type as recommended for application.
- B. Softwood Plywood, Exposed to View: Face species as indicated, plain sawn, medium density fiberboard core; PS 1 Grade A-B, glue type as recommended for application.
  1. Grading: Certified by the American Plywood Association.
- C. Softwood Plywood, Exposed to View: A-C Grade, plain sawn, veneer core, glue type as recommended for application.
  1. Grading: Certified by the American Plywood Association.
  2. Face Veneer: APA PRP-108 Group 2; Port Orford Cedar or Western Hemlock; sanded.
- D. Softwood Plywood, [for telecommunications backboards]: [3/4 inch AC Grade], veneer core, fire retardant treated and pre-painted.
  1. Grading: Certified by the American Plywood Association.

- E. Hardwood Plywood: Face species as indicated, plain sawn, book matched, medium density fiberboard core; HPVA HP-1 Front Face Grade AA, Back Face Grade 1, glue type as recommended for application.
- F. Particleboard: ANSI A208.1 Composed of wood chips, sawdust, or flakes of medium density, made with waterproof resin binders; of grade to suit application; sanded faces.
- G. Hardboard: ANSI A135.4 Pressed wood fiber with resin binder, Class 1 - Tempered, 1/4 inch thick, smooth one side (S1S).

## 2.05 FASTENINGS

- A. Refer to Section 01 81 13 - NTU Sustainable Design Requirements: Requirements for requirements for low-emitting materials.
- B. Adhesive for Purposes Other Than Laminate Installation: Suitable for the purpose; not containing formaldehyde or other volatile organic compounds.
- C. Adhesive for factory-fabricated units: Manufacturer's recommended adhesive for application.
- D. Fasteners: Of size and type to suit application; stainless steel finish in concealed locations and in exposed locations.
- E. Fasteners for Exterior Applications: Stainless steel; length required to penetrate wood substrate 1-1/2 inch minimum.
- F. Concealed Joint Fasteners: Threaded steel.

## 2.06 ACCESSORIES

- A. Lumber for Shimming and Blocking: Softwood lumber of any species.
- B. Plastic Edge Trim: Extruded convex shaped; smooth finish; self-locking serrated tongue; of width to match component thickness and color.
- C. Aluminum Edge Trim: Extruded convex shape; smooth surface finish; self-locking serrated tongue; of width to match component thickness; natural mill finish. Provide profiles as indicated on drawings and as required to neatly trim exposed edges.
- D. Miscellaneous Aluminum Trim Profiles: As indicated on drawing details. Fry Reglet, or equal; clear anodized aluminum.
- E. Glass: See Section 08 80 00 - Glazing.
  - 1. Safety Glass: ASTM C1048, fully tempered; clear; 1/8 inch thick, minimum.
  - 2. Safety Glass: Laminated glass complying with 16 CFR 1201 and ANSI Z97.1; clear; nominally 6 mm thick.
- F. Primer: For factory-primed units, manufacturer's recommended primer, conforming to specified VOC limits.

- G. Wood Filler: Oil base, tinted to match surface finish color.

## **2.07 HARDWARE**

- A. Hardware: Comply with BHMA A156.9.

## **2.08 WOOD TREATMENT**

- A. Factory-Treated Lumber: Comply with requirements of AWPA U1 - Use Category System for pressure impregnated wood treatments determined by use categories, expected service conditions, and specific applications.
- B. Fire Retardant Treatment (FR-S Type): Chemically treated and pressure impregnated; capable of providing flame spread index of 25, maximum, and smoke developed index of 450, maximum, when tested in accordance with ASTM E84.
- C. Wood Preservative by Pressure Treatment (PT Type): Provide AWPA U1 treatment using waterborne preservative with 0.25 percent retainage.
- D. Shop pressure treat wood materials requiring fire rating to concealed wood blocking.
- E. Provide identification on fire retardant treated material.
- F. Deliver fire retardant treated materials cut to required sizes. Minimize field cutting.
- G. Redry wood after pressure treatment to maximum 8 percent moisture content.

## **2.09 SITE FINISHING MATERIALS**

- A. Field Finishing: As specified in Section 09 90 00 - NTU Painting and Coating.
- B. Exterior Wood Sill treatment: Smith and Company Restoration Products, [smithandcompany.org](http://smithandcompany.org), 1-800-234-0330. Used for courtyard windowsills. Restoration products installed per manufacturer's instructions.
  - 1. Smith's Clear Penetrating Epoxy Sealer
  - 2. Smith's Restoration Kits
  - 3. Smith's Epoxy Filler
  - 4. Smith's Multi-Wood Primer

## **2.10 FABRICATION**

- A. Shop assemble work for delivery to site, permitting passage through building openings.
- B. Shop prepare and identify components for book match grain matching during site erection.
- C. When necessary to cut and fit on site, provide materials with ample allowance for cutting. Provide trim for scribing and site cutting.

## 2.11 SHOP FINISHING

- A. Sand work smooth and set exposed nails and screws.
- B. Apply wood filler in exposed nail and screw indentations.
- C. On items to receive transparent finishes, use wood filler that matches surrounding surfaces and is of type recommended for the applicable finish.
- D. Finish work in accordance with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS), Section 5 - Finishing for grade specified and as follows:
  - 1. Transparent:
    - a. System - 1, Lacquer, Nitrocellulose.
    - b. Stain: As selected by Architect.
    - c. Sheen: Flat.
  - 2. Opaque:
    - a. System - 1, Lacquer, Nitrocellulose.
    - b. Color: As selected by Architect.
    - c. Sheen: Flat.
- E. Back prime woodwork items to be field finished, prior to installation.

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. Verify adequacy of backing and support framing.
- B. Verify mechanical, electrical, and building items affecting work of this section are placed and ready to receive this work.
- C. Prepare existing courtyard wood windowsills to receive restoration products per manufacturer's recommendations.

### 3.02 INSTALLATION

- A. Install custom fabrications in accordance with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS) requirements for grade indicated.
- B. Install factory-fabricated units in accordance with manufacturer's printed installation instructions.
- C. Set and secure materials and components in place, plumb and level.

- D. Carefully scribe work abutting other components, with maximum gaps of 1/32 inch. Do not use additional overlay trim to conceal larger gaps.

### **3.03 SITE APPLIED WOOD TREATMENT**

- A. Apply preservative treatment in accordance with manufacturer's instructions.
- B. Brush apply one coat of preservative treatment on wood in contact with cementitious materials. Treat site-sawn cuts.
- C. Allow preservative to dry prior to erecting members.

### **3.04 PREPARATION FOR SITE FINISHING**

- A. Set exposed fasteners. Apply wood filler in exposed fastener indentations. Sand work smooth.
- B. Site Finishing: See Section 09 90 00 - NTU Painting and Coating.
- C. Before installation, prime paint surfaces of items or assemblies to be in contact with cementitious materials.

### **3.05 TOLERANCES**

- A. Maximum Variation from True Position: 1/16 inch.
- B. Maximum Offset from True Alignment with Abutting Materials: 1/32 inch.

**END OF SECTION**