


ADDENDUM TO BID DOCUMENTS

 SOLANO COMMUNITY COLLEGE	ADDENDUM #03
	SCCD RFP: #18-005
	Project: Solano Community College District Vacaville Classroom Building (Annex) Renovation
	Date: 11/22/2017

Addendum # 03 – The following Owner’s clarifications are provided to bidders and must be added/considered when completing your submittal: Acknowledgement of receipt of this **ADDENDUM** is required in the bidders bid form. Please clearly note the addendum date and number.

ITEM:

1. Attachment A, Interior Architectural Woodwork
2. Award of Contract shall be based on base bid plus Alternate No 1.
3. The required SWPPP permits shall be paid by the GC.
4. Record documents are required to be submitted in CADD as well as red lined marked up documents.
5. Field offices for the Construction Manager, Architect and IOR are required. Provisions of Section 015000 shall govern.
6. This project does not require LEED certification.
7. Structural roof plan clarifications. There are 21 replacement trusses between GLs 1&2 and 21 trusses between GLs 2&3. The trusses are 2'-0" from the existing trusses as noted on S2.2 except for the truss spanning between GL2 & 3 and between B & C which is 1'-6" from the existing truss. There are 12 trusses between GLs 3&4, 6 each side of GL D. These trusses are also 2'-0" from the existing trusses as noted. The only note indicating 2'-0" on center on S4.2 is pointing at the existing joists.
8. Sheet S2.1 keynote legend "B" has the following intent: uncover all the base plates Marked A; if any of the base plates except @ GL A/2 has missing nuts or grout uncover the base plate Marked B; otherwise do not uncover base plate at location Marked B.
9. Drawing A1.01 Keynote 2, "Replace Damaged Substrate". Assume this scope will be covered in the owner controlled allowance for unforeseen conditions. Contractor will be required to provide time and material tickets, approved by the construction manager on a daily basis, for this work.

10. There are currently three damaged roof trusses that are shored. As long as these trusses remain shored or are repaired prior to when the below roof work is complete, then the roof structure should be adequate to hold the retrofitted weight.
11. The roof tensioning method required turning the turnbuckles to take up any slack, ensuring the vertical plates stay plumb. The Inspector of Record shall observe the truss erection and tightening.
12. Protecting the existing flooring materials shall be the contractor's "means and methods".
13. The general notes on A6.00, and any other notes on any other sheets, may augment the electrical scope for the project.

SECTION 064023

INTERIOR ARCHITECTURAL WOODWORK

PART 1 GENERAL

1. SUMMARY

- a. This Section includes the following custom interior architectural woodwork items:
 - 1) Plastic-laminate cabinets and shelving.
 - 2) Plastic-laminate countertops.
- b. Related Sections include the following:
 - 1) Section 055000 "Metal Fabrications" for miscellaneous framing and supports for countertops.
 - 2) Section 061000 "Rough Carpentry" for wood furring, blocking, shims, and hanging strips required for installing woodwork and concealed within other construction before woodwork installation.

2. DEFINITIONS

- a. Interior architectural woodwork includes wood furring, blocking, shims, and hanging strips for installing woodwork items unless concealed within other construction before woodwork installation.
- b. Surface Definitions: These specifications contain references to "exposed," semi-exposed," and "concealed" surfaces of interior architectural woodwork. The definitions of such surfaces are contained in the Woodwork Institute's "Architectural Woodwork Standards" (AWS).

3. SUBMITTALS

- a. Product Data: For panel products, high-pressure decorative laminate, adhesive for bonding plastic laminate, ABS or other non-PVC edgings, cabinet hardware and accessories, and finishing materials and processes.
- b. Shop Drawings: Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices, and other components.
 - 1) Show details full size.
 - 2) Show locations and sizes of furring, blocking, and hanging strips, including concealed blocking and reinforcement specified in other Sections.
 - 3) Show locations and sizes of cutouts and holes for plumbing fixtures, faucets, soap dispensers, and other items installed in architectural woodwork.
 - 4) Apply WI-certified compliance label to first page of Shop Drawings.
- c. Samples:
 - 1) Plastic laminates, 8 by 10 inches, for each type, color, pattern, and surface finish.

- d. Product Certificates: For each type of product, signed by product manufacturer.
- e. Woodwork Quality Standard Compliance Certificates: WI-certified compliance certificates.
- f. Qualification Data: For Installer and fabricator.

4. QUALITY ASSURANCE

- a. Fabricator Qualifications: Shop that employs skilled workers who custom-fabricate products similar to those required for this Project and whose products have a record of successful in-service performance. Shop is a licensee of WI's Certified Compliance Program.
- b. Installer Qualifications: Fabricator of products.
- c. Source Limitations: Engage a qualified woodworking firm to assume undivided responsibility for production of interior architectural woodwork.
- d. Quality Standard: Unless otherwise indicated, comply with WI's "Architectural Woodwork Standards" (AWS) for grades of interior architectural woodwork indicated for construction, finishes, installation, and other requirements.
 - 1) Provide WI-certified compliance labels and certificates indicating that woodwork, including installation, complies with requirements of grades specified.
- e. VOC Content of Interior Adhesives and Sealants:
 - 1) Interior Sealants used as Filler: Meet or exceed Bay Area Air Quality Management District Reg. 8, Rule 51 VOC requirements.
 - 2) Interior Adhesives and Other Sealants: Meet or exceed South Coast Air Quality Management District Rule 1168 VOC requirements.
- f. Preinstallation Conference: Conduct conference at Project site.

5. DELIVERY, STORAGE, AND HANDLING

- a. Do not deliver woodwork until painting and similar operations that could damage woodwork have been completed in installation areas. If woodwork must be stored in other than installation areas, store only in areas where environmental conditions comply with requirements specified in "Project Conditions" Article.

6. PROJECT CONDITIONS

- a. Environmental Limitations: Do not deliver or install woodwork until building is enclosed, wet work is complete, and HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.
- b. Field Measurements: Where woodwork is indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication, and indicate measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

- 1) Locate concealed framing, blocking, and reinforcements that support woodwork by field measurements before being enclosed, and indicate measurements on Shop Drawings.

7. COORDINATION

- a. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of Work specified in other Sections to ensure that interior architectural woodwork can be supported and installed as indicated.

PART 2 PRODUCTS

1. MATERIALS

- a. General: Provide materials that comply with requirements of WI's quality standard for each type of woodwork and quality grade specified, unless otherwise indicated.
- b. Wood Products: Comply with the following:
 - 1) Medium-Density Fiberboard: ANSI A208.2, Grade MD, made with binder containing no urea formaldehyde; weight 48 lbs/cu. ft.
 - a) Products:
 - 1) SierraPine's Medite II.
 - 2) Weyerhaeuser's Premier Plus.
 - 3) Accepted equal.
 - 2) Particleboard: ANSI A208.1, Grade M-2-Exterior Glue.
 - 3) Softwood Plywood: DOC PS 1.
 - c. Thermoset Decorative Panels: Particleboard or medium-density fiberboard finished with thermally fused, melamine-impregnated decorative paper complying with LMA SAT-1.
 - 1) Provide PVC or polyester edge banding complying with LMA EDG-1 on components with exposed or semiexposed edges.
 - d. High-Pressure Decorative Laminate: NEMA LD 3, grades as indicated or, if not indicated, as required by woodwork quality standard.
 - 1) Basis-of-Design Manufacturers, Products, Colors, Patterns, and Finishes: To match existing, coordinate with Contractor prior to demolition.
 - e. T-Shaped Edge Moldings: ABS; provide in face widths and profiles indicated.
 - 1) Colors: Matching laminate in color, pattern, and finish.

2. CABINET HARDWARE AND ACCESSORIES

- a. General: Provide cabinet hardware and accessory materials associated with architectural cabinets.
- b. Butt Hinges: Grade 1, 2-3/4-inch, 5-knuckle steel hinges made from 0.095-inch-thick metal, and as follows:
 - 1) Semiconcealed Hinges for Overlay Doors: BHMA A156.9, B01521.
 - a) Basis-of-Design Product: Rockford Process Control, Inc.'s Model 374, or a comparable product by one of the following:

- 1) Terry Hinge & Hardware Co.
 - 2) Stanley Hardware.
 - 3) Accepted equal.
- c. Frameless Concealed Hinges (European Type): BHMA A156.9, B01602, 170 degrees of opening, self-closing.
- d. Door and Drawer Pulls:
- 1) Wire Pulls: BHMA A156.9, B02011; Back mounted, solid metal, 3-3/8 inches long, 5/16 inch in diameter.
- e. Adjustable Shelf Standards and Supports: BHMA A156.9, B04071; with shelf rests, B04081.
- 1) Basis-of-Design Product: Knappe & Vogt (K-V) No. 255 with No. 256 shelf supports.
 - 2) Provide seismic restraints for open shelf supports.
- f. Drawer Slides: BHMA A156.9, B05091.
- 1) Heavy Duty (Grade 1HD-100 and Grade 1HD-200): Side mounted; full-extension type; zinc-plated steel ball-bearing slides.
 - 2) Box Drawer Slides: Grade 1HD-100; for drawers not more than 6 inches high.
 - 3) File Drawer Slides: Grade 1HD-200; for drawers more than 6 inches high or 24 inches wide.
 - 4) Pencil Drawer Slides: Grade 1; for drawers not more than 3 inches high and 24 inches wide.
- g. Mechanical Locks:
- 1) Door Locks: BHMA A156.11, E07121.
 - 2) Drawer Locks: BHMA A156.11, E07041.
- h. Door Silencers: Provide at tops and bottoms of all doors.
- i. Exposed Hardware Finishes: For exposed hardware, provide finish that complies with BHMA A156.18 for BHMA finish number indicated.
- 1) Satin Chromium Plated: BHMA 626 for brass or bronze base; BHMA 652 for steel base.
 - 2) Satin Stainless Steel: BHMA 630.
- j. For concealed hardware, provide manufacturer's standard finish that complies with product class requirements in BHMA A156.9.
3. MISCELLANEOUS MATERIALS
- a. Furring, Blocking, Shims, and Hanging Strips: Fire-retardant-treated softwood lumber, kiln dried to less than 15 percent moisture content.
- b. Anchors: Select material, type, size, and finish required for each substrate for secure anchorage. Provide nonferrous-metal or hot-dip galvanized anchors and inserts on inside face of exterior walls and elsewhere as required for corrosion resistance. Provide toothed-steel or lead expansion sleeves for drilled-in-place anchors. Coordinate with Plumbing for sink installation.

- c. Adhesives, General: Do not use adhesives that contain urea formaldehyde.
4. FABRICATION, GENERAL
- a. Interior Woodwork Grade: Provide interior woodwork complying with quality standard indicated in "Fabrication" article for each woodwork item.
 - b. Wood Moisture Content: Comply with requirements of referenced quality standard for wood moisture content in relation to ambient relative humidity during fabrication and in installation areas.
 - c. Fabricate woodwork to dimensions, profiles, and details indicated.
 - d. Complete fabrication, including assembly, finishing, and hardware application, to maximum extent possible before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting. Shop-cut openings to maximum extent possible to receive hardware, appliances, plumbing fixtures, electrical work, and similar items. Locate openings accurately and use templates or roughing-in diagrams to produce accurately sized and shaped openings. Sand edges of cutouts to remove splinters and burrs.
5. PLASTIC-LAMINATE CABINETS
- a. Applicable Standard: WI's "Architectural Woodwork Standards (AWS)," Section 10; Casework.
 - b. Grade: Custom.
 - c. AWS Type of Cabinet Construction: Flush overlay.
 - d. Laminate Cladding for Exposed Surfaces: High-pressure decorative laminate complying with the following requirements:
 - 1) Horizontal Surfaces Other Than Tops: Grade HGS.
 - 2) Postformed Surfaces: Grade HGP.
 - 3) Vertical Surfaces: Grade VGS.
 - 4) Edges: ABS T-mold matching laminate in color, pattern, and finish.
 - e. Materials for Semiexposed Surfaces:
 - 1) Surfaces Other Than Drawer Bodies: High-pressure decorative laminate, Grade VGS.
 - a) Edges of Plastic-Laminate Shelves: ABS T-mold matching laminate in color, pattern, and finish.
 - b) For semiexposed backs of panels with exposed plastic-laminate surfaces, provide surface of high-pressure decorative laminate, Grade VGS.
 - 2) Drawer Sides and Backs: Solid-hardwood lumber.
 - 3) Drawer Bottoms: Thermoset decorative panels.
 - f. Concealed Backs of Panels with Exposed Plastic Laminate Surfaces: High-pressure decorative laminate, Grade BKL.

6. PLASTIC-LAMINATE COUNTERTOPS

- a. Applicable Standard: WI's "Architectural Woodwork Standards (AWS)," Section 11; Countertops.
- b. Grade: Custom.
- c. High-Pressure Decorative Laminate Grade: HGS.
- d. Edge Treatment: ABS T-mold matching laminate in color, pattern, and finish.
- e. Core Material: Exterior-grade plywood.
- f. Backer Sheet: Provide plastic-laminate backer sheet, Grade BKL, on underside of countertop substrate.

7. SHOP FINISHING

- a. Grade: Provide finishes of same grades as items to be finished.
- b. General: Finish architectural woodwork at fabrication shop as specified in this Section. Defer only final touchup, cleaning, and polishing until after installation.
- c. Preparation for Finishing: Comply with referenced quality standard for sanding, filling countersunk fasteners, sealing concealed surfaces, and similar preparations for finishing architectural woodwork, as applicable to each unit of work.
 - 1) Backpriming: Apply one coat of sealer or primer, compatible with finish coats, to concealed surfaces of woodwork. Apply two coats to back of paneling and to end-grain surfaces. Concealed surfaces of plastic-laminate-clad woodwork do not require backpriming when surfaced with plastic laminate, backing paper, or thermoset decorative panels.

PART 3 EXECUTION

1. PREPARATION

- a. Before installation, condition woodwork to average prevailing humidity conditions in installation areas.
- b. Before installing architectural woodwork, examine shop-fabricated work for completion and complete work as required, including removal of packing and backpriming.

2. INSTALLATION

- a. Grade: Install woodwork to comply with requirements for the same grade specified in Part 2 for fabrication of type of woodwork involved.
- b. Assemble woodwork and complete fabrication at Project site to comply with requirements for fabrication in Part 2, to extent that it was not completed in the shop.

- c. Install woodwork level, plumb, true, and straight. Shim as required with concealed shims. Install level and plumb (including tops) to a tolerance of 1/8 inch in 96 inches.
 - d. Scribe and cut woodwork to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.
 - e. Anchor woodwork to anchors or blocking built in or directly attached to substrates.
 - f. Cabinets: Install without distortion so doors and drawers fit openings properly and are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation. Complete installation of hardware and accessory items as indicated.
 - 1) Install cabinets with no more than 1/8 inch in 96-inch sag, bow, or other variation from a straight line.
 - 2) Fasten wall cabinets through back, near top and bottom, and at ends, at spacing indicated.
 - g. Countertops: Anchor securely by screwing through corner blocks of base cabinets or other supports into underside of countertop.
 - 1) Align adjacent solid-surfacing-material countertops and form seams to comply with manufacturer's written recommendations using adhesive in color to match countertop. Carefully dress joints smooth, remove surface scratches, and clean entire surface.
 - 2) Install countertops with no more than 1/8 inch in 96-inch sag, bow, or other variation from a straight line.
 - 3) Secure backsplashes to tops with concealed metal brackets at 16 inches o.c. and to walls with adhesive.
 - 4) Calk space between backsplash and wall with sealant specified in Section 079200 "Joint Sealants."
 - h. Touch up finishing work specified in this Section after installation of woodwork. Fill nail holes with matching filler where exposed.
3. ADJUSTING AND CLEANING
- a. Repair damaged and defective woodwork, where possible, to eliminate functional and visual defects; where not possible to repair, replace woodwork. Adjust joinery for uniform appearance.
 - b. Clean, lubricate, and adjust hardware.
 - c. Clean woodwork on exposed and semiexposed surfaces. Touch up shop-applied finishes to restore damaged or soiled areas.

END OF SECTION 064023