BID DOCUMENTS COVER SHEET

CONTRACT DOCUMENTS

FOR

L-001 Journalism Lab Renovation Phase 2

AT

Los Medanos College

2700 East Leland Drive

CONTRA COSTA COMMUNITY COLLEGE DISTRICT

Consist of the following:

ADDENDUM #1

DSA File # 7-C1, DSA Application # 01-114144

tBP/Architecture: Project # 20836.00
1000, Burnett Avenue Suite 320
Concord, CA 94520

April 22, 2015
NOTICE TO ALL CONTRACTORS

You are hereby notified of the following changes, clarifications and/or modifications to the original Contract Documents, Project Manual, Drawings, Specifications and/or previous Addenda. This Addendum shall supersede the original Contract Documents and previous Addenda wherein it contradicts the same, and shall take precedence over anything to the contrary therein. All other conditions remain unchanged.

This Addendum forms a part of the Contract Documents and modifies the original Contract Documents. Acknowledge receipt of this Addendum in space provided on the Bid Proposal Form. Failure to acknowledge may subject Bidder to disqualification.

Submitted Questions:

Q1: On sheet A200, square note 9, “(E) wood railing to be removed. Store per District direction”; Are the metal bollards bolted into the concrete (that held the wood railing) to be removed as well? Should the continuous piece of metal railing running underneath need to be cut and capped?
A1: The entire railing "System" should be removed including the metal brackets and properly disposed of per the contract documents.

Q2: On sheet A200, some abbreviations are being used without being in the Legend; I assume TB = Tack Boards, PS = Projection Screen, and WB = Wall Brackets.
A2: TB = Tack Boards, PS = Projection Screen, and WB = White Board

Q3: On sheet A300, square note 4, the sink is shown draining to a tie in the concrete wall; currently, the sink drains to a tie in the concrete floor, which is significantly away from the wall (I am concerned the new casework may not encompass it).
A3: Note 4, calls out a new core for the sink drain. We are not reusing the existing drain.

Q4: On sheet A500, section 301, “View 1” is missing.
A4: There is no View 1.

Q5: On sheet A610 Interior Finish Schedule, what is the extent of new carpet being added to the project?
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A5: Carpet shall be the entire room as noted in the schedule to include three offices. Casework furniture will remain in place and file drawers will not be emptied. Carpet’s Make and model as noted in the Interior Finish Legend.

Q6: On sheet A610, the last Notes references sheet A990 for signage locations; there is no sheet A990.

A6: There is no new signage. During Demo remove (e) signage from Demo’d Wall/ Room. Store and re-install Storage Signage at new Storage Room.

Q7: On sheet A840, detail 7, is there any use of Wall Partition types A2 or B3? If not, can they be removed?

A7: There is no partition type A2 or B3.

Q8: Spec Section 07 21 00-1 Section 1.04, Subsection E, you ask for samples of the “acoustical insulation”; I believe you mean the “thermal insulation”.

A8: Correct

Q9: Spec Section 08 14 16-4, does the new storage room door need to be fire-rated (Type B, from drawing A610, Door Schedule)? Neither of the two adjacent areas are even sprinkled.

A9: Per Door schedule, there is no fire rated door. Specs are standardized and encompass all types of doors.

Q10: Spec Section 09 67 00 Fluid-Applied Flooring, is this section necessary? I don’t believe we have any epoxy floors on this project.

A10: It’s located at exterior entry. See detail 12/ A820

Q11: No Mechanical (Division 15) Specs are provided. Ductwork is being extended from Lab into Alcove and new Storage space.

A11: Mechanical: Match in kind and per local code. Electrical: all wiring to be run in ½” rigid conduit in compliance with local & NEC codes. Contractor to confirm location and size of existing panels.

Q12: No Mechanical (Division 15) Specs are provided. Sink and Insta-Hot are to be installed in new Alcove.

A12: See comment #11

Q13: No Electrical (Div 16) Specs are provided. New light fixture, to match existing, is to be installed in new Storage Room. Lighting in Display cases to run off new GFI’s. Several (7?) new electrical receptacles on Alcove walls (surface-mount? Pulled off which Line/Panel?).

A13: See comment #11

Q14: No Electrical (Div 16) Specs are provided. Data/IT is shown to be run to east wall of Alcove; what cabling is needed? What boxes? Where does it splice into the current system?

A14: See comment #11

Q15: Will the furniture be relocated during construction?

A15: Furniture will stay in place, but be lifted during carpet installation.

Q16: Will the Power poles also be lifted?

A16: The Power Poles are bolted in place, and cannot be lifted.

Q17: Will there need to be any balancing on the mechanical systems?

A17: Flow test both before and after construction, to make sure desired air quantities can and are achieved.

Q18: Note 7 on Detail “A” on page A400 shows the concrete curb under the display cases as “new”, while Note 6 on Detail “S” on page A500 shows the curb as “existing”; please clarify.

A18: The curb is part of the new Scope of Work (it does not currently exist).
A. DELETIONS, ADDITIONS, CHANGES, REVISIONS

1. Specification Items:

   Section 00700 General Conditions; subsection 1.2.1.1; change “The details of such adaptation shall be submitted to the City for approval.” to “The details of such adaptation shall be submitted to the District for approval.”

2. Additions:

   Specification Section 12 49 00 – Roller Shades
   - Remove all existing vertical blinds, including room 311
   - Install new Rolling shades at these locations at the same height as the old existing vertical blinds.
     - Room 302 - Exterior window next to the display cabinet
     - Room 303 - Exterior window next to the display cabinet
     - Room 306 – Exterior window and interior window. Interior window shall be split to allow entry/exit.
     - Room 311 – Interior window. Interior window shall be split to allow entry/exit.

3. ATTACHMENTS:

   1) Specification Section 00 15 00 – Temporary Facilities and Controls
      Illustration of Laydown Area, with temporary fencing required at top and bottom of adjacent stairwell between level 2 & 3.

B. If you have any questions regarding this Addendum, please contact:

   Jovan Esprit, Contracts Manager
   Contra Costa Community College District
   500 Court St., Martinez, CA 94553
   Email: jesprit@4cd.edu
   Facsimile: 925-370-7512

All other terms and conditions of BID are to remain the same.

tBP/Architecture
1000 Burnett Ave # 320
Concord, CA 94520
(925) 246-6419
Architect of Record: Phil Newsom

End

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SECTION 12 49 00
ROLLER SHADES

PART 1 - GENERAL

1.01 SECTION INCLUDES
A. Sunscreen roller shades, manual operation.

1.02 REFERENCES
B. NFPA 70 - National Electrical Code.
C. NFPA 701 - Fire Tests for Flame-Resistant Textiles and Films.

1.03 SUBMITTALS
A. Submit under provisions of Section 01330 Submittal Procedures.
B. Product Data: Manufacturer's data sheets on each product to be used, including:
   1. Preparation instructions and recommendations.
   2. Styles, material descriptions, dimensions of individual components, profiles, features, finishes and operating instructions.
   3. Storage and handling requirements and recommendations.
   4. Mounting details and installation methods.
   5. Typical wiring diagrams including integration of motor controllers with building management system, audiovisual and lighting control systems as applicable.
C. Shop Drawings: Plans, elevations, sections, product details, installation details, operational clearances, wiring diagrams and relationship to adjacent work.
D. Window Treatment Schedule: For all roller shades. Use same room designations as indicated on the Drawings and include opening sizes and key to typical mounting details.
E. Verification Samples: For each finish product specified, one complete set of shade components, unassembled, demonstrating compliance with specified requirements. Shadecloth sample and aluminum finish sample as selected. Mark face of material to indicate interior faces.
F. Maintenance Data: Methods for maintaining roller shades, precautions regarding cleaning materials and methods, instructions for operating hardware and controls.

1.04 QUALITY ASSURANCE
A. Manufacturer Qualifications: Obtain roller shades through one source from a single manufacturer with a minimum of twenty years experience in manufacturing products comparable to those specified in this section.
B. Installer Qualifications: Installer trained and certified by the manufacturer with a minimum of ten years experience in installing products comparable to those specified in this section.
C. Fire-Test-Response Characteristics: Passes NFPA 701 small and large-scale vertical burn. Materials tested shall be identical to products proposed for use.
D. Anti-Microbial Characteristics: 'No Growth' per ASTM G 21 results for fungi ATCC9642, ATCC
E. Mock-Up: Provide a mock-up (manual shades only) of one roller shade assembly for evaluation of mounting, appearance and accessories.
   1. Locate mock-up in window designated by Architect.
   2. Do not proceed with remaining work until, mock-up is accepted by Architect.

1.05 DELIVERY, STORAGE, AND HANDLING
A. Deliver shades in factory-labeled packages, marked with manufacturer and product name, fire-test-response characteristics, and location of installation using same room designations indicated on Drawings and in the Window Treatment Schedule.

1.06 PROJECT CONDITIONS
A. Environmental Limitations: Install roller shades after finish work including painting is complete and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

1.07 WARRANTY
A. Roller Shade Hardware and Chain Warranty: Manufacturer's standard non-depreciating twenty-five year limited warranty.
B. Standard Shadecloth: Manufacturer's standard twenty-five year warranty.
C. ThermalVeil Shadecloth: Manufacturer's standard ten year warranty.
D. Roller Shade Installation: One year from date of Substantial Completion, not including scaffolding, lifts or other means to reach inaccessible areas.

PART 2 - PRODUCTS

2.01 SYSTEM DESCRIPTION
A. Provide top-down operation of roller shades

2.02 MANUFACTURERS
A. Basis of Design: MechoShade Systems, Inc., www.mechoshade.com
B. Acceptable Manufacturers:

2.03 ROLLER SHADE TYPES
A. Manually Operated Shades:
   1. Mounting as indicated in Drawings:
      a. Surface Mounted with Fascia.
   2. Configuration: Single solar shadecloth

2.04 SHADE CLOTH
A. Visually Transparent Solar Shadecloth: MechoShade Systems, Inc., ThermoVeil series, single thickness non-raveling 0.030-inch (0.762 mm) thick vinyl fabric, woven from 0.018-inch (0.457 mm) diameter extruded vinyl yarn comprising of 21 percent polyester and 79 percent reinforced vinyl.
   1. Solar Shadecloth:
      a. Fabric: ThermoVeil Series 1300, basket-weave pattern at 5 percent open.
      b. Color: #1316 Eggshell.
2.05 SHADE BAND

A. Shade Bands: Construction of shade band includes the fabric, hem weight, hem-pocket, shade roller tube, and attachment of shade band to the roller tube. Sewn hems and open hem pockets are not acceptable.

1. Hem Pockets and Hem Weights: Fabric hem pocket with RF-welded seams (including welded ends) and concealed hem weights. Hem weights shall be of appropriate size and weight for shade band. Hem weight shall be continuous inside a sealed hem pocket. Hem pocket construction and hem weights shall be similar, for all shades within one room.

2. Shade Band and Shade Roller Attachment:
   a. Use extruded aluminum shade roller tube of a diameter and wall thickness required to support shade fabric without excessive deflection. Roller tubes less than 1.55 inch (39.37 mm) in diameter for manual shades, and less than 2.55 inches (64.77 mm) for motorized shades are not acceptable.
   b. Provide for positive mechanical engagement with drive / brake mechanism.
   c. Provide for positive mechanical attachment of shade band to roller tube; shade band shall be made removable / replaceable with a "snap-on snap-off" spline mounting, without having to remove shade roller from shade brackets.
   d. Mounting spline shall not require use of adhesives, adhesive tapes, staples, and/or rivets.
   e. Any method of attaching shade band to roller tube that requires the use of adhesive, adhesive tapes, staples, and/or rivets are not acceptable.

2.06 SHADE FABRICATION

A. Fabricate units to completely fill existing openings from head to sill and jamb-to-jamb, unless specifically indicated otherwise.

B. Fabricate shadecloth to hang flat without buckling or distortion. Fabricate with heat-sealed trimmed edges to hang straight without curling or raveling. Fabricate unguided shadecloth to roll true and straight without shifting sideways more than 1/8 inch (3.18 mm) in either direction per 8 feet (2438 mm) of shade height due to warp distortion or weave design. Fabricate hem as follows:

C. Provide battens in standard shades as required to assure proper tracking and uniform rolling of the shadebands. Contractor shall be responsible for assuring the width-to-height (W:H) ratios shall not exceed manufacturer's standards or, in absence of such standards, shall be responsible for establishing appropriate standards to assure proper tracking and rolling of the shadecloth within specified standards. Battens shall be roll-formed stainless steel or tempered steel, as required.

D. For railroaded shadebands, provide seams in railroaded multi-width shadebands as required to meet size requirements and in accordance with seam alignment as acceptable to Architect. Seams shall be properly located. Furnish battens in place of plain seams when the width, height, or weight of the shade exceeds manufacturer's standards. In absence of such standards, assure proper use of seams or battens as required to, and assure the proper tracking of the railroaded multi-width shadebands.

E. Provide battens for railroaded shades when width-to-height (W:H) ratios meet or exceed manufacturer's standards. In absence of manufacturer's standards, be responsible for proper use and placement of battens to assure proper tracking and roll of shadebands.

2.07 COMPONENTS

A. Access and Material Requirements:
   1. Provide shade hardware allowing for the removal of shade roller tube from brackets without removing hardware from opening and without requiring end or center supports to be removed.
2. Provide shade hardware that allows for removal and re-mounting of the shade bands without having to remove the shade tube, drive or operating support brackets.

3. Use only Delrin engineered plastics by DuPont for all plastic components of shade hardware. Styrene based plastics, and/or polyester, or reinforced polyester will not be acceptable.

B. Manual Operated Chain Drive Hardware and Brackets:
1. Provide for universal, regular and offset drive capacity, allowing drive chain to fall at front, rear or non-offset for all shade drive end brackets. Universal offset shall be adjustable for future change.
2. Provide hardware capable for installation of a removable fascia, for both regular and/or reverse roll, which shall be installed without exposed fastening devices of any kind.
3. Provide shade hardware system that allows for removable regular and/or reverse roll fascias to be mounted continuously across two or more shade bands without requiring exposed fasteners of any kind.
4. Provide shade hardware system that allows for operation of multiple shade bands (multi-banded shades) by a single chain operator, subject to manufacturer's design criteria. Connectors shall be offset to assure alignment from the first to the last shade band.
5. Provide shade hardware system that allows multi-banded manually operated shades to be capable of smooth operation when the axis is offset a maximum of 6 degrees on each side of the plane perpendicular to the radial line of the curve, for a 12 degrees total offset.
6. Provide positive mechanical engagement of drive mechanism to shade roller tube. Friction fit connectors for drive mechanism connection to shade roller tube are not acceptable.
7. Provide shade hardware constructed of minimum 1/8-inch (3.18 mm) thick plated steel or heavier as required to support 150 percent of the full weight of each shade.
8. Drive Bracket / Brake Assembly:
   a. MechoShade Drive Bracket model M5 shall be fully integrated with all MechoShade accessories, including, but not limited to: SnapLoc fascia, room darkening side / sill channels, center supports and connectors for multi-banded shades.
   b. M5 drive sprocket and brake assembly shall rotate and be supported on a welded 3/8 inch (9.525 mm) steel pin.
   c. The brake shall be an over-running clutch design which disengages to 90 percent during the raising and lowering of a shade. The brake shall withstand a pull force of 50 lbs. (22 kg) in the stopped position.
   d. The braking mechanism shall be applied to an oil-impregnated hub on to which the brake system is mounted. The oil impregnated hub design includes an articulated brake assembly, which assures a smooth, non-jerky operation in raising and lowering the shades. The assembly shall be permanently lubricated. Products that require externally applied lubrication and or not permanently lubricated are not acceptable.
   e. The entire M5 assembly shall be fully mounted on the steel support bracket, and fully independent of the shade tube assembly, which may be removed and reinstalled without effecting the roller shade limit adjustments.
   f. Drive Chain: #10 qualified stainless steel chain rated to 90 lb. (41 kg) minimum breaking strength. Nickel plate chain shall not be accepted.

2.10 ACCESSORIES

A. Roller Shade Pocket: For recessed mounting in acoustical tile, or drywall ceilings
1. Provide either extruded aluminum and or formed steel shade pocket, sized to accommodate roller shades, with exposed extruded aluminum closure mount, tile support and removable closure panel to provide access to shades.
   a. Provide "Vented Pocket" such that there will be a minimum of four 1 inch (25.4 mm) diameter holes per foot allowing the solar gain to flow above the ceiling line.

B. Fascia:
1. Continuous removable extruded aluminum fascia that attaches to shade mounting brackets without the use of adhesives, magnetic strips, or exposed fasteners.
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2. Fascia shall be able to be installed across two or more shade bands in one piece.
3. Fascia shall fully conceal brackets, shade roller and fabric on the tube.
4. Provide bracket / fascia end caps where mounting conditions expose outside of roller shade brackets.
5. Notching of Fascia for manual chain shall not be acceptable.

PART 3 - EXECUTION

3.01 EXAMINATION
   A. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.02 PREPARATION
   A. Clean surfaces thoroughly prior to installation.
   B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.03 INSTALLATION
   A. Install roller shades level, plumb, square, and true according to manufacturer's written instructions, and located so shade band is not closer than 2 inches (50 mm) to interior face of glass. Allow proper clearances for window operation hardware.
   B. Adjust and balance roller shades to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.
   C. Clean roller shade surfaces after installation, according to manufacturer's written instructions.
   D. Engage Installer to train Owner's maintenance personnel to adjust, operate and maintain roller shade systems.

3.04 PROTECTION
   A. Protect installed products until completion of project.
   B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION 12 49 00
ADDENDUM #1

Corridor must not be obstructed

Laydown Area