



Addendum #3 - Bid Package #6929-08

Project Name: Lincoln Public Schools District Office
5901 'O' Street
Lincoln, NE
Project No.: 11065
Issued: September 21, 2012

This Addendum is issued by Hampton Construction to all known sub-contractors working on the preparation of proposals associated with the Bid Documents dated September 7, 2012. This Addendum is to authorize the use of the following information in preparing proposals for the above named project.

GENERAL QUESTIONS AND CLARIFICATIONS

- ADD 3-1.** All bids are to include a Bid Bond from the Surety Company.
- ADD 3-2.** Contractors are responsible for Performance & Payment Bonds, the costs of which shall be included within their bid.
- ADD 3-3.** Fluid Applied Air Barriers: The typical flashing detail found on G1/A400 indicates that the fluid applied barrier is to be applied over the thru-wall flashing material. This is correct where masonry veneer is at any exterior stud wall assembly. No fluid-applied air barrier is required at the insulated precast wall panels.
- ADD 3-4.** Landscaping – Trees: Caliper has been defined in schedule. The minimum expected height of trees shall be 5'-0".
- ADD 3-5.** Landscaping – Tree Staking: Stake per City of Lincoln Standards.
- ADD 3-6.** Roller Shades: Roller Shades are to be located at ALL EXTERIOR window except those found in Rooms 180A, 180D, 182A, 184A, 190, ST04.

MODIFICATIONS TO THE SPECIFICATIONS

- ADD 3-7.** Refer to Section 122113 "Horizontal Louver Blinds"; Delete this section in its entirety. This product will be replaced with Section 122413.
- ADD 3-8.** Refer to Section 122413 "Roller Window Shades"; This section is to be added to the contract documents and is **attached as part of this addendum.**

MODIFICATIONS TO THE DRAWINGS

- ADD 3-9.** Refer to the Master Keynote Legend on the Cover Sheet. Delete the following Keynote:

~~122113.A HORIZONTAL LOUVER BLINDS~~

ADD 3-10. Refer to the Master Keynote Legend on the Cover Sheet. Add the following Keynote:

122413.A ROLLER SHADE

ADD 3-11. General: At all locations where keynote 122113.A is indicated, change the keynote to read 122413.A.

ADD 3-12. Refer to Sheet A200, Detail A1 between Grids C and D; The A4/A300 section reference should be changed to A13/A300 Sim.

ARCHITECTURAL PRIOR APPROVALS / SUBSTITUTIONS

ADD 3-13. The following manufacturers have received prior approval for bidding purposes subject to shop drawing review:

<u>Specification Section</u>	<u>Manufacturer / Product</u>
a. 102226 – Operable Partitions	Panelfold
b. 105113 – Metal Lockers	Republic

ADD 3-14. The following manufacturers **HAVE NOT** received prior approval for bidding purposes subject to shop drawing review:

<u>Specification Section</u>	<u>Manufacturer / Product</u>
a. C301 – Segmental Retaining Walls	Anchor, Rosetta

End of Addendum #3, Bid Package #6929-08

SECTION 122413 - ROLLER WINDOW SHADES**PART 1 - GENERAL**

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

- 1. Manually operated roller shades with single rollers.

B. Related Requirements:

- 1. Section 061053 "Miscellaneous Rough Carpentry" for wood blocking and grounds for mounting roller shades and accessories.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

- 1. Include styles, material descriptions, construction details, dimensions of individual components and profiles, features, finishes, and operating instructions for roller shades.

B. Shop Drawings: Show fabrication and installation details for roller shades, including shadeband materials, their orientation to rollers, and their seam and batten locations.

C. Samples: For each exposed product and for each color and texture specified, 10 inches (250 mm) long.

D. Samples for Initial Selection: For each type and color of shadeband material.

- 1. Include Samples of accessories involving color selection.

E. Samples for Verification: For each type of roller shade.

- 1. Shadeband Material: Not less than 10 inches (250 mm) square. Mark inside face of material if applicable.
- 2. Roller Shade: Full-size operating unit, not less than 16 inches (400 mm) wide by 36 inches (900 mm) long for each type of roller shade indicated.
- 3. Installation Accessories: Full-size unit, not less than 10 inches (250 mm) long.

F. Roller-Shade Schedule: Use same designations indicated on Drawings.

1.4 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For roller shades to include in maintenance manuals.

1.5 QUALITY ASSURANCE

- A. Mockups: Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.
1. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
 2. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver roller shades in factory packages, marked with manufacturer, product name, and location of installation using same designations indicated on Drawings.

1.7 FIELD CONDITIONS

- A. Environmental Limitations: Do not install roller shades until construction and finish work in spaces, including painting, is complete and dry and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- B. Field Measurements: Where roller shades are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication and indicate measurements on Shop Drawings. Allow clearances for operating hardware of operable glazed units through entire operating range. Notify Architect of installation conditions that vary from Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Product: Requests for manufacturer substitutions prior to bidding will be reviewed and responded to in conformance with Division 1 requirements. Subject to compliance with requirements, provide **Mecho Shade Systems Mecho/5** or comparable product pre-approved during bidding or by a manufacturer listed below:
1. Draper Inc.
 2. Hunter Douglas Contract.
 3. Lutron Electronics Co., Inc.
 4. MechoShade Systems, Inc.
 5. Nysan Solar Control Inc.; Hunter Douglas Company.
- B. Source Limitations: Obtain roller shades from single source from single manufacturer.

2.2 MANUALLY OPERATED SHADES WITH SINGLE ROLLERS

- A. Chain-and-Clutch Operating Mechanisms: With continuous-loop bead chain and clutch that stops shade movement when bead chain is released; permanently adjusted and lubricated.
1. Bead Chains: Nickel-plated metal.
 - a. Loop Length: Full length of roller shade.
 - b. Limit Stops: Provide upper and lower ball stops.
 - c. Chain-Retainer Type: Clip, jamb mount.

2. Spring Lift-Assist Mechanisms: Manufacturer's standard for balancing roller-shade weight and lifting heavy roller shades.
 - a. Provide for shadebands that weigh more than 10 lb (4.5 kg) or for shades as recommended by manufacturer, whichever criteria are more stringent.
- B. Rollers: Corrosion-resistant steel or extruded-aluminum tubes of diameters and wall thicknesses required to accommodate operating mechanisms and weights and widths of shadebands indicated without deflection. Provide with permanently lubricated drive-end assemblies and idle-end assemblies designed to facilitate removal of shadebands for service.
 1. Roller Drive-End Location: Right side of inside face of shade.
 2. Direction of Shadeband Roll: Regular, from back of roller.
 3. Shadeband-to-Roller Attachment: Removable spline fitting integral channel in tube.
- C. Mounting Hardware: Brackets or endcaps, corrosion resistant and compatible with roller assembly, operating mechanism, installation accessories, and mounting location and conditions indicated.
- D. Roller-Coupling Assemblies: Coordinated with operating mechanism and designed to join up to three inline rollers into a multiband shade that is operated by one roller drive-end assembly.
- E. Shadebands:
 1. Shadeband Material: Light-filtering fabric.
 2. Shadeband Bottom (Hem) Bar: Steel or extruded aluminum.
 - a. Color and Finish: As selected by Architect from manufacturer's full range.
- F. Installation Accessories:
 1. Front Fascia: Aluminum extrusion that conceals front and underside of roller and operating mechanism and attaches to roller endcaps without exposed fasteners.
 - a. Shape: L-shaped .
 - b. Height: Manufacturer's standard height required to conceal roller and shadeband when shade is fully open, but not less than 3 inches (76 mm).
 2. Endcap Covers: To cover exposed endcaps.
 3. Installation Accessories Color and Finish: As selected from manufacturer's full range.

2.3 SHADEBAND MATERIALS

- A. Shadeband Material Flame-Resistance Rating: Comply with NFPA 701. Testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
- B. Light-Filtering Fabric: Woven fabric, stain and fade resistant.
 1. Source: Roller-shade manufacturer. Basis-of-Design MechoShade EuroVeil Basket Weave 5300 Series.
 2. Type: Woven polyester and PVC-coated polyester.
 3. Weave: Basketweave.
 4. Roll Width: Full width of window pane, typically will not exceed 48 inches.
 5. Openness Factor: 5 percent.
 6. Color: As selected by Architect from manufacturer's full range of colors in color range to match wall colors (Typically PNT-1 as found in Section 099123).

2.4 ROLLER-SHADE FABRICATION

- A. Product Safety Standard: Fabricate roller shades to comply with WCMA A 100.1, including requirements for flexible, chain-loop devices; lead content of components; and warning labels.
- B. Unit Sizes: Fabricate units in sizes to fill window and other openings as follows, measured at 74 deg F (23 deg C):
 - 1. Between (Inside) Jamb Installation: Width equal to jamb-to-jamb dimension of opening in which shade is installed less 1/4 inch (6 mm) per side or 1/2-inch (13-mm) total, plus or minus 1/8 inch (3.1 mm). Length equal to head-to-sill or -floor dimension of opening in which shade is installed less 1/4 inch (6 mm), plus or minus 1/8 inch (3.1 mm).
- C. Shadeband Fabrication: Fabricate shadebands without battens or seams to extent possible except as follows:
 - 1. Vertical Shades: Where width-to-length ratio of shadeband is equal to or greater than 1:4, provide battens and seams at uniform spacings along shadeband length to ensure shadeband tracking and alignment through its full range of movement without distortion of the material.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, operational clearances, and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 ROLLER-SHADE INSTALLATION

- A. Install roller shades level, plumb, and aligned with adjacent units according to manufacturer's written instructions.
 - 1. Opaque Shadebands: Located so shadeband is not closer than 2 inches (51 mm) to interior face of glass. Allow clearances for window operation hardware.

3.3 ADJUSTING

- A. Adjust and balance roller shades to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.

3.4 CLEANING AND PROTECTION

- A. Clean roller-shade surfaces after installation, according to manufacturer's written instructions.
- B. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer, that ensure that roller shades are without damage or deterioration at time of Substantial Completion.
- C. Replace damaged roller shades that cannot be repaired, in a manner approved by Architect, before time of Substantial Completion.

END OF SECTION 122413