

THE SCHOOL DISTRICT OF PHILADLPHIA  
SCHOOL REFORM COMMISSION  
Office of Capital Programs  
440 North Broad Street, 3<sup>rd</sup> Floor – Suite 371  
Philadelphia, PA 19130

TELEPHONE: (215) 400-4730

Addendum No. 3

**Subject:** W.T. COMLY School  
Window Replacement  
SDP Contract No. B-142 C of 2017/18

**Location:** W.T. COMLY School  
1001 Byberry Road  
Philadelphia, Pennsylvania 19116

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This Addendum, No.3 dated September 23, 2021, shall modify and become part of the Contract Documents for the work of this project. Any items not mentioned herein, or affected by, shall be performed strictly in accordance with the original documents.

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1. ADD the attached Specification Section 122413, ROLLER WINDOW SHADES in its entirety to the Contract Specification.
2. NOTE: ADDITIONAL LOCATIONS FOR INSTALLATION OF WINDOW SHADES HAVE BEEN IDENTIFIED.  
See Section 3.6 of the above specification for a Complete Schedule of rooms / spaces to incorporate window shades.

-END OF ADDENDUM NO. 3-

**Attachment:**

Section 12 2413 ROLLERWINDOW SHADES. 4 pages

SECTION 12 2413 - ROLLER WINDOW SHADES

PART 1 GENERAL

1.1 STIPULATIONS

- A. The specifications sections “General Conditions”, “Special Requirements” and “General Requirements” form a part of this section by this reference thereto and shall have the same force and effect as if printed herewith in full.
- B. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specifications, apply to this section.

1.2 SECTION INCLUDES: Clutch-Operated, Manually operated, roll-up fabric interior window shades including mounting and operating hardware.

1.3 REFERENCES

- A. NFPA 701-99 - Fire Tests for Flame-Resistant Textiles and Films.
- B. GREENGUARD Environmental Institute Children & Schools.
- C. US Green Building Council.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01 33 26 - Source Quality Control Reporting:
- B. Product Data: Manufacturer's data sheets on each product specified, including:
  - 1. Preparation instructions and recommendations.
  - 2. Installation and maintenance instructions.
  - 3. Styles, material descriptions, dimensions of individual components, profiles, features, finishes and operating instructions.
  - 4. Storage and handling requirements and recommendations.
  - 5. Mounting details and installation methods.
- C. Shop Drawings: Plans, elevations, sections, product details, installation details, operational clearances and relationship to adjacent work.
- D. Window Treatment Schedule: For all roller shades. Use same room designations as indicated on the Drawings, field verified window dimensions, quantities, type of shade, controls, fabric, and color, and include opening sizes and key to typical mounting details.
- E. Selection Samples: For each finish product specified, two complete sets of shade cloth options and aluminum finish color samples representing manufacturer's full range of available colors and patterns.
- F. Verification Samples: For each finish product specified, two complete sets of shade components, unassembled, demonstrating compliance with specified requirements. Shade fabric sample and aluminum finish sample as selected, representing actual product, color, and patterns. Mark face of material to indicate interior faces.
- G. Maintenance Data: Methods for maintaining roller shades, precautions regarding

cleaning materials and methods, instructions for operating hardware and controls.

H. Manufacturer's Certificates: Certify products meet or exceed specified requirements.

#### 1.5 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. NFPA Flame-Test: Passes NFPA 701. Materials tested shall be identical to products proposed for use.

#### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Do not deliver window shades until building is enclosed and construction within spaces where shades will be installed is substantially complete.
- B. Deliver products in manufacturer's original, unopened, undamaged containers with labels intact.
- C. Label containers and shades according to Window Shade Schedule.
- D. Store products in manufacturer's unopened packaging until ready for installation.

#### 1.7 SEQUENCING

- A. Ensure that locating templates and other information required for installation of products of this section are furnished to affected trades in time to prevent interruption of construction progress.
- B. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

#### 1.8 PROJECT CONDITIONS

- A. Install roller shades after finish work and ambient temperature, humidity and ventilation conditions are maintained at levels recommended for project upon completion.

#### 1.9 WARRANTY

- A. Hardware and Shade Fabric: Draper's standard twenty-five year limited warranty.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURERS

- A. Basis of Design Product: Draper, Inc., which is located at: 411 S. Pearl P. O. Box 425 ; Spiceland, IN 47385-0425; Toll Free Tel: 800-238-7999; Tel: 765-987-7999; Email: [request info](mailto:requestinfo@draperinc.com); Web: [www.draperinc.com](http://www.draperinc.com). Model Flexshade Window Shades. Or a comparable product by one of the following:
  - 1. Hunter Douglas, Inc.; Hunter Douglas Window Fashions Division
  - 2. MechoShade System, Inc
  - 3. Lutron Shading Solutions by VIMCO

## 2.2 CLUTCH-OPERATED, MANUAL WINDOW SHADES

- A. General: Except as otherwise noted, provide individual shade for each window; more than one window occurs at each window opening; refer to window types.
- B. Manually Operated Shade, vertical roll-up, fabric window shade with components necessary for complete installation.
  - 1. Bead Chain Clutch Operator: High carbon steel and molded fiberglass-reinforced polyester.
    - a. Position of Clutch Operator: Right side of roller, as determined by hand of user facing shade from inside.
    - b. Clutch: Capacity to lift size and weight of shade, sized to fit roller or provide adaptor.
    - c. Loop Length: Length required to make operation convenient from floor level.
    - d. Bead Chain: Stainless Steel
    - e. Operating Function: Stop and hold shade at any position in ascending or descending travel.
  - 2. Mounting Brackets: Galvanized or zinc-plated steel. Provide extended brackets as necessary to accommodate opening size. Provide size compatible with roller size. Coordinate installation in field.
  - 3. Roller Tube: Extruded-aluminum. Diameter, wall thickness, and material selected by manufacturer to accommodate shade type and size. Fabric connected to the roller tube with LSE (low surface energy) double sided adhesive specifically developed to attach coated textiles to metal. Adhesive attachment to eliminate horizontal impressions in fabric.
  - 4. Fabric: Phifer Sheerweave Basic, 3% Openness
  - 5. Fascia: "L" or radius shape cover of 6063-T5 extruded aluminum. .060 wall. Assembly snaps into endcaps without exposed fasteners; powder coat finish from standard colors.
  - 6. End caps/End cap covers: Manufacturer's standard. Covers to match fascia.
  - 7. Bottom hem: straight
  - 8. Bottom bar: Steel or extruded aluminum, concealed.
  - 9. Include 'Flexshade' coupler at groups of windows.
  - 10. Provide attic stock of ten (10) shades of the largest window size.

## PART 3: EXECUTION

### 3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### 3.2 PREPARATION

- A. Coordinate requirements for blocking and structural supports to ensure adequate means for installation of window shades.

### 3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install roller shades level, plumb, square, and true. Allow proper clearances for window operation hardware.

3.4 TESTING AND DEMONSTRATION

- A. Demonstrate operation of shades to Owner's designated representatives.

3.5 PROTECTION

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

3.6 SCHEDULES

Provide window shades at the following locations:

- A. All areas designated on Drawings as 'Classrooms'.
- B. All areas designated on Drawings as 'Offices'.
- C. 1928 building, 2<sup>nd</sup> Floor Teacher's Dining Room.
- D. 1928 building, 2<sup>nd</sup> Floor Doctor's Room.
- E. 1954 building, 1<sup>st</sup> Floor Teacher's Room.
- F. 1976 building Media Center (IMC).
- G. 1976 building, Teacher's Lounge.
- H. 1928 building, Basement windows.
- I. 1928 building, 1<sup>st</sup> Floor: Unidentified space 'plan-north', on center of the original building at windows 'W10'.
- J. 1928 building, 1<sup>st</sup> Floor: Unidentified space 'plan-east', to the right at the original building at windows 'W12' and 'W13'.

END OF SECTION