SECTION A
BID NO.: 671

PROJECT NAME & LOCATION: The University of Albany
Dorm Ceiling Upgrade
1400 Washington Avenue
Albany, NY 12222

Description: Furnish, Deliver and Install Window Shades

Bid Open Location: DASNY
515 Broadway, Albany, NY 12207

Bid Open Date: April 6, 2020
Bid Open Time: 2:30 p.m.

Contact: Stacie Craft

NOTICE TO BIDDERS

MAIL BIDS EARLY
Sealed bids will be received by DASNY at the above address for the items listed in the attached Bid Breakdown and Schedule. When submitting your bid you must:

1. Prepare your bid on the attached Bid Breakdown and Schedule. Return one signed original of the Bid Breakdown and Schedule

2. If your bid deviates from Specifications, explain such deviations or qualifications on your letterhead, setting forth therein such explanations, and attach them to the Bid Breakdown and Schedule.

3. Submission of a bid constitutes full knowledge and acceptance of all provisions of the Notice to Bidders, all information referenced in the Purchasing General Conditions, Supplemental and Detailed Specifications, the Bid Submission and any Supplemental General Requirements contained herein, as well as any addenda issued in relation to the Invitation for Bids.

4. Each bid shall bear on the outside of the envelope the name of the bidder, address, telephone number and designated as a bid for the following:
   DASNY Bid No. 671 - Furnish, Deliver and Install Window Shades
   Bid Opening Date: April 6, 2020 @ 2:30PM
   Return to:
   DASNY
   Attn: Purchasing Unit
   515 Broadway
   Albany, NY 12207-2964
Bid No.: 671

When a sealed bid is placed inside another delivery jacket, the bid delivery jacket must be clearly marked on the outside “BID ENCLOSED” and “ATTENTION: PURCHASING UNIT”. The Dormitory Authority will not be responsible for receipt of bids which do not comply with these instructions.

5. Mail bid responses early in order for them to be received before the time of the bid opening. **Late bids will be automatically rejected.**

 Individuals submitting bids in person or by private delivery services should allow sufficient time for processing through building security to assure that the bids are received prior to the deadline for submitting bids. All individuals who plan to attend bid openings will be required to present government-issued picture identification to building security officials and obtain a visitor’s pass prior to attending the bid opening.

6. In accordance with State Finance Law § 139-j and 139-k, this solicitation includes and imposes certain restrictions on communications between Dormitory Authority personnel and an Offerer during this procurement process. Designated contact for this solicitation is: Stacie Craft, at Dormitory Authority – State of New York, 515 Broadway, Albany, NY 12207,(518) 257-3085. Contacts made to other Dormitory Authority Personnel regarding this procurement may disqualify the Offerer and affect future procurements with governmental entities in the State of New York. Please refer to the Authority’s website [www.dasny.org](http://www.dasny.org) for Authority policy and procedures regarding this law, or the NYS office of General Services website [www.ogs.ny.gov/BU/PC/](http://www.ogs.ny.gov/BU/PC/) for more information about this law.
If you are not submitting a bid it is requested that you complete and return the lower portion of this form

(Please check all that apply and provide comments in the space provided, if necessary)

☐ We are not Submitting a bid.

☐ We Request removal of our name from the mailing list.

☐ Location of the job site.

☐ Commodity is not carried by our company.

☐ Scope is too large.

Other/Additional Explanation: __________________________________________________________

________________________________________________________

NAME OF BIDDER: __________________________________________________________

ADDRESS: ____________________________

Street

Telephone

City

State

Zip

________________________________________________________

Signature of Bidder

Official Title
CLAUSES PURSUANT TO THE OMNIBUS PROCUREMENT ACT OF 1992

It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority and woman-owned business enterprises as bidders, subcontractors and suppliers on its procurement contracts.

Information on the availability of New York subcontractors and supplies is available from:

Empire State Development
Small Business Division
30 South Pearl Street, 7th Floor
Albany, NY 12207
Phone: (800) 782-8369

A directory of minority and woman-owned business enterprises is available from:

Empire State Development
Division of Minority and Women Business Development
30 South Pearl Street
Albany, NY 12207
Phone: (518) 292-5250

Online Directory: https://ny.newnycontracts.com/FrontEnd/VendorSearchPublic.asp

DASNY maintains a directory of minority and women-owned business enterprises:

The contractor acknowledges notice that New York State may seek to obtain offset credits from foreign countries as a result of this contract and agrees to cooperate with the State in these efforts.

DASNY encourages the use of recycled Materials in the manufacturing process. To that end, the recycled product must meet the same codes, specifications and standards the non-recycled materials do, including requirements for cost, installation, aesthetics, availability and maintenance.
The Omnibus Procurement Act of 1992 and § 2879 of the NYS Public Authorities Law require that by signing this bid, contractors certify that whenever the total bid amount is greater than $1 million:

1. The contractor has made reasonable efforts to encourage the participation of New York State Business Enterprises as suppliers and Subcontractors on this project, and has retained the documentation of these efforts to be provided upon request to the State. If the contractor determines that NYS business enterprises are not available to participate on the contract as subcontractors or suppliers, the contractor shall provide a statement indicating the method by which such determination was made. If the contractor does not intend to use subcontractors, contractor shall provide a statement verifying such;

2. The contractor has complied with the Federal Equal Opportunity Act of 1972 (PL 92-261), as amended;

3. The contractor agrees to make reasonable efforts to provide notification to New York State residents of employment opportunities on this project through listing any such positions with the Job Service Division of the New York State Department of Labor, or providing such notification in such manner as is consistent with existing collective bargaining contracts or agreements. The contractor agrees to document these efforts and to provide said documentation to the State upon request;

**DASNY is required by law to notify the NYS Department of Economic Development of any procurement contract for one million dollars or more that is to be awarded to an out-of-state vendor. This notice must be done simultaneous to the notification of award provided to the vendor. A purchase order or contract cannot be issued until fifteen (15) days after such notification is provided.**
GENERAL SPECIFICATIONS

(1) The enclosed Purchasing General Conditions are hereby incorporated by reference. Submission of a bid response shall constitute acceptance of such conditions. Any exceptions/clarifications/qualifications to these conditions or other specifications and/or requirements contained herein must be clearly stated in the bid response and, depending upon the nature of such, may be grounds for rejection of your bid.

(2) Bids must be submitted in the bidder’s full legal name, or the bidder’s full legal name plus a registered assumed name, if any.

(3) All NYS bidders are required to be registered to do business with the NYS Department of State or their local County Clerk, whichever is applicable.

(4) All out-of-state bidders will be required to provide proof of registration to do business in their state. All out-of-state bidders that “do business in New York State” MUST BE REGISTERED WITH THE NYS DEPARTMENT OF STATE. Please contact the NYS Department of State at (518) 473-2492. Information is available at the DOS website: www.dos.ny.gov

(5) DASNY is required by law to notify the Empire State Development of any procurement contract for one million dollars or more that is to be awarded to an out-of-state vendor. This notice must be done simultaneous to the notification of award provided to the vendor. A purchase order or contract cannot be issued until fifteen (15) days after such notification is provided.

(6) Empire State Development is required by law to identify states and other jurisdictions that impose preferences or other penalties against New York bidders. DASNY is precluded from soliciting bids or entering into procurement contracts with companies that have their principal place of business located in one of the listed jurisdictions, unless the procurement is for a product that is substantially manufactured in New York State or the services are to be performed in New York State. Currently, this list of jurisdictions includes the states of Alaska, Hawaii, Louisiana, South Carolina, West Virginia and Wyoming.

(7) Unless otherwise indicated, any reference to brands or model numbers is intended to establish a standard. Items of all manufacturers will be considered, provided the item is determined to meet or exceed the required specification. DASNY’s decision as to whether a substitute item meets specification will be final. Your attention is directed to Article II-7, Page 5 of the General Conditions. In order to evaluate substitute items, detailed specifications must be submitted for any product that is other than the one(s) specified in the bid.
GENERAL SPECIFICATIONS CONTINUED

(8) Unless otherwise noted, guarantee on all items is to be one year as detailed in Article XVI of the General Conditions

(9) All upholstered furniture and drapery panels and lining must meet strict flammability requirements. Standards applicable to this bid, if any, will be delineated in the Detailed Specifications.

(10) LABOR/TRADES - Any labor, materials or means whose employment, or utilization during the course of this contract, shall not in any way cause or result in strike, work stoppages, delays, suspension of work; or similar troubles by workers employed by this contractor or his subcontractors, or by any of the trades working in or about the buildings and premises where work is being performed. Any violation by the contractor of this requirement may in the sole judgment of DASNY be considered as proper and sufficient cause for declaring the contractor to be in default, and for the owner to take action against him as set forth in the Purchasing General Conditions, Article VIII, “Termination”, or such other action as DASNY may deem proper.

(11) Bid results are available on the DASNY website (www.DASNY.org). Bid results will not be given over the phone.

(12) If you are a NYS Certified Minority or Women Owned Business, please include a copy of your certification with the bid.
SUPPLEMENTAL SPECIFICATIONS

The following items are attached for informational purposes. Referenced documents need not be returned with the proposal. These documents are only applicable to the successful bidder and the ensuing procurement contract. Documents are only applicable to the successful bidder and the ensuing procurement contract. Documents applicable to the procurement that will result from this Invitation for Bids are designated by a check box (☒). Unless otherwise indicated, the referenced documents are located at the end of this Invitation for Bids.

☒ Purchasing General Conditions – The DASNY Purchasing General Conditions contains terms and conditions of purchases made by DASNY. It is recommended that this document be reviewed fully.

☐ M/WBE Utilization Plan and Request for Waiver - Minority and Women-Owned Business Enterprise (M/WBE) goals for this project are 0% and 0%, respectively. The successful bidder shall be required to complete a Utilization Plan or Request for Waiver, to be approved by DASNY’s Opportunity Programs Group. Reference Purchasing General Conditions, Article XIX, Affirmative Action for Contracts Mr. Michael Clay, DASNY Opportunity Programs Group at (518) 257-3464, is available to assist all bidders in attaining these goals. Reference the enclosed “Good Faith Efforts Guidelines”.

☒ Supplemental General Requirements – Attached (if applicable) are the Supplemental General Requirements (SGRs) which provide important logistical information and additional conditions which govern this procurement. Please read these SGRs carefully.

☐ Form of DASNY Contract – The procurement resulting from the Invitation for Bids will be executed through a DASNY purchase order and a related contract. The contract executed with the successful bidder will be in the same substantial form as the attached “Form of Contract”. Note that this Invitation for Bids and any response to such will be annexed as binding terms of the purchase agreement.

☒ Certificate of Insurance (sample enclosed) – The successful bidder will be required to provide a Certificate of Insurance pursuant to Article XIV of the enclosed Purchasing General Conditions. The certificate shall name DASNY and other designated parties as additional insureds.
SUPPLEMENTAL SPECIFICATIONS CONTINUED

- **Worker’s Compensation / Disability Insurance** – The successful proposer will be required to provide specific documentation with respect to Worker’s Compensation and Disability Insurance pursuant to Article XIV of the enclosed Purchasing General Conditions. Requirements are detailed in the enclosed “Workers’ Compensation and Disability Benefits Requirements” document.

- **Prevailing Wage Schedule** – NYS Labor Law requires all wages paid by contractors and subcontractors on public work projects be paid at the prevailing wage rates. Enclosed is the current rate schedule for the appropriate county. Contractors and Subcontractors are responsible for obtaining current rates throughout the course of the project. The NYS Department of Labor (NYS DOL) updates these rates on July 1st of each year. Current rates can be obtained on the NYS DOL website (www.labor.state.ny.us) or by fax at (518) 485-1870. Note that an executed Contractor and Subcontractor Certification and certified payrolls, which include the hours and days worked by each workman, laborer or mechanic, the occupation at which he worked, the hourly wage rate paid and the supplements paid or provided, must be submitted with each and every payment requisition. **DASNY will not process an invoice without this information.** Forms are available on the DASNY website: http://www.dasny.org/construc/forms2/vendors.php

- **Labor and Material Payment Bond** – The successful bidder must be prepared to provide surety bonds prior to award in accordance with Article XIV of the DASNY Purchasing General Conditions. The costs of these bonds are to be separately stated in the total bid price as indicated on the Bid Breakdown and Schedule.

- **Performance Bond** – The Successful bidder must be prepared to provide surety bonds prior to award in accordance with Article XIV of DASNY Purchasing General Conditions. The costs of these bonds are to be separately stated in the total bid price as indicated on the Bid Breakdown and Schedule.

- **Standard Vendor Responsibility Questionnaire (SVRQ)** – The successful proposer, in accordance with Article XXII of DASNY Purchasing General Conditions, will be required to complete the enclosed SVRQ. The award of a contract will be subject to a review of the information contained in these forms.
SUPPLEMENTAL SPECIFICATIONS CONTINUED

☐ **NYS Uniform Contracting Questionnaire (UCQ)** – The successful proposer will be required to complete the enclosed UCQ. The award of a contract will be subject to a review of the information contained in these forms.

☐ **DASNY Contractor and Consultant Questionnaire (CCQ)** – The successful proposer will be required to complete the enclosed CCQ. The award of a contract will be subject to a review of the information contained in these
Supplemental General Requirements

Request for Information:
All questions pertaining to Bid No. 671 – Furnish, Deliver and Install Window Shades are due no later than 4:00 p.m. on March 25, 2020 to TGRAFFEO@DASNY.ORG.

RFI Responses will be posted via Addenda to DASNY’s Website in the Attachments Section of the Bid Opportunity Page for Bid No. 671.

Site Visit:
Date: Wednesday, March 18, 2020 @ 1:00 p.m.
Location: Meet at The University of Albany, 1400 Washington Avenue, Albany, NY 12222
Archway to Indian Quad
Contact Person: Ame Bucher
Telephone No.: (518) 888-4464 (cell)
Email: ABUCHER@DASNY.ORG

Note: The March 18, 2020 site visit is not mandatory. There will be an opportunity for the awardee to be able to conduct field measurements at a later date.
SCOPE OF WORK

See Attached
Scope of Work:

Furnish, Deliver and Install Window Shades as per the Window Shade Specifications and the quantities as noted below:

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<th>Selection</th>
<th>Total</th>
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Project Site Logistics and General Requirements
Fixtures, Furniture & Equipment Deliveries

A. Project Overview:

1. Window shades are to be delivered and installed at three low-rise (three story) dormitories (Adirondack, Cayuga, and Mahican Halls) located at the University at Albany Uptown Campus, Indian Quad, 1400 Washington Avenue, Albany, NY 12222. The renovation project will include the removal and disposal of existing bedroom and lounge furniture, ceiling abatement and ACM-flooring removal, non-ACM flooring removal, new flooring installation, patching, painting. Window shade installation is anticipated to occur following completion of renovation work.

2. Occupancy is scheduled to occur August 1, 2020.

B. Site Visit, Conditions and Logistics:

1. Each vendor shall be responsible for assessing all site logistics. All vendors are responsible for scheduling a site visit to assess logistical delivery issues and site conditions prior to the work, including appropriate truck size, loading dock conditions and gate availability, and shall be responsible for providing and fitting equipment in locations, as required. All vendors shall assume full responsibility for all equipment and accessories required to unload material and transfer into the building. Site visits should be coordinated with Ame Bucher, DASNY Assistant Project Manager, or John Olszewski, DASNY Field Representative. Please contact Ame Bucher or John Olszewski to make arrangements to visit the site using the following contact information; Mobile: Ame Bucher (518-888-4464); John Olszewski (518-708-9380) or Email: Ame Bucher (abucher@dasny.org); John Olszewski (jolszewski@dasny.org).

2. There may be other trades as well as UAlbany custodial staff and Residential Life staff working in the building at the time of delivery and installation.

3. If the site is still under construction at the time of delivery and/or installation, all workers entering the site must wear the required Personal Protective Equipment (PPE) including safety vests, hard hats, work boots, etc., in accordance with OSHA and other authorities having jurisdiction.

C. Dock and Site Restrictions: Deliveries will be made through the main entrances of the three low-rise dormitories which are located at the plaza level of Indian Quad.
1. Mahican Hall has its own center entrance on the interior side of Indian Quad. Adirondack and Cayuga are adjoined and share a main entrance on the interior side of Indian Quad.

2. See attached Logistics Plan Section
   i. The Indian Quad loading dock will not be used for deliveries.
   ii. The archway cannot accommodate vehicles of any type due to weight restrictions. All deliveries through the archway must be loaded by hand and/or in carts.
   iii. Parking lot N may be used for staging and can accommodate tractor trailers.
   iv. No staging area, other than Parking Lot N is available.
   v. Large and small trucks, as well as personal vehicles are to use Parking Lot N.
   vi. Product/materials is to be moved from Parking Lot N via Indian Drive and offloaded at the Archway.

3. Dumpsters will not be available to vendors. Vendors shall be responsible for daily removal of debris off site. All vendors shall be responsible for obeying all site rules and established protocol.

4. Vendors are responsible for obtaining parking permits for any personal vehicles. Parking permit applications can be located at: https://www.albany.edu/pmts/Vendors%20and%20Contractors.php
   Permit applications must be signed by a University at Albany Facilities Management staff person prior to the vendor making payment. Payment is made in person at the University at Albany Parking and Mass Transit Office on the Uptown Campus. Ame Bucher or John Olszewski can assist with this process.

5. Vendors shall provide flagmen with vests during deliveries to direct pedestrian and vehicular traffic, as necessary.

6. Installation work shall include unloading, delivering to each location, and installing.

D. **Elevator Information:** There are no elevators located within the three low-rise dormitories. The stairwells provide access to all floors involved with this work. A description of the available stairwells is as follows:

1. Since no elevators are available, stairwells are to be used to complete delivery/install.

2. Adirondack Hall includes a basement level and floors one through three. Stairs are located at both ends of the dormitory.
3. Cayuga Hall includes a basement level and floors one through three. Stairs are located at both ends of the dormitory.

4. Mahican Hall includes a basement level and floors one through three. Stairs to access floors two and three are located at both ends of the dormitory.

E. Building Protection:
   1. The vendor shall be responsible for the protection of all access and work areas that may be impacted by the delivery and installation associated with the work, including, but not limited to walls, floors, doors, etc. The vendor will be held responsible for the repair or replacement of any damage to the building, grounds, walls, and flooring due to the delivery and installation of the product.

   2. The utilization of steel-wheel dollies is prohibited.

F. Delivery Schedule:
   1. All deliveries shall occur from 7:00 am to 3:00 pm unless otherwise scheduled with Ame Bucher or John Olszewski.

   2. The Vendor shall be responsible for coordinating exact delivery dates and times with the project site. Only products that can be immediately installed in a completed space shall be delivered, to avoid staging and on-site storage. The Vendor shall be responsible for temporarily storing materials in a secure warehouse for a period of up to 30 days from DASNY’s requested delivery date at no additional cost. The Vendor shall be responsible for the rejection of product delivery, replacement, repair, or any other corrective action required, for items received damaged, soiled, or not conforming to the detailed specifications.

G. Tentative Fixtures, Furniture, and Equipment Delivery Schedule:
   1. Installation is anticipated to begin July 27, 2020.

   Note: Work must be completed for on or before August 1, 2020.

I. Parking:
   1. Personal vehicles will be required to obtain parking permits from UAlbany’s Parking and Mass Transit Office located next to Building 25. Phone: 518-442-3121; Website: https://www.albany.edu/pmts.
J. **Punch list:**
   1. Each vendor is responsible for contacting DASNY’s designated representative at the end of each workday to review project status and obtain sign-off for daily work.

   2. The furniture/equipment vendor shall schedule a punch list review with DASNY’s designated representative. DASNY reserves the right to withhold 5% payment pending resolution of open punch list items.

SECURITY REQUIREMENTS

1. Designated access locations are shown on the attached Logistics Plan Section. Owners and Owner’s representatives will provide access into each designated area.

SPECIAL PROVISIONS

1. There shall be no eating in the work area.
2. Smoking is not permitted on campus.
3. Use of alcohol and controlled substances on the project site is not permitted.
4. No signs or advertising material will be permitted on the job site.
5. All provisions of all applicable State Labor Standards must be complied with under provisions of this contract.
DETAILED SPECIFICATIONS

See Attached
### All Three Dormitories

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### Breakdown by Building:

#### Adirondack Hall

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<td>SHEERWEAVE – PW4600 - Pewter</td>
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#### Cayuga Hall

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</tbody>
</table>
1. Student Room Shades – SUNBLOC - SERIES SB9000 | Color: Oyster

2. Common Space Shades - SHEERWEAVE - PW4600 | Color: Pewter


4. Office Shades - SHEERWEAVE - PW4600 | Color: Pewter

3. Fascia throughout – Charcoal Bronze
Apartments, Offices, and Common Spaces

Style PW4600
(3% open)

Style PW4500
(5% open)

Q60 Golden Sand

Q60 Golden Sand

THE ABOVE STYLES ARE ALSO AVAILABLE IN THE COLORS SHOWN BELOW.

P06 Chalk

P10 Granite

Q59 Ecru

U32 Linen

V07 Pewter

V44 Sandstone

V95 Cappuccino

V96 Dark Bronze

Apartment, Offices, and Common Spaces
Specifications

Using advances in polyester yarn development, Styles PW4600 and PW4500 are thinner, lighter weight vinyl coated polyester fabrics offered in 10 decorator colors. Woven in a 2x2 basketweave, these fabrics are ideal for applications where a more opaque and non-directional fabric is needed. Style PW4600/4500 can also be used in exterior shading systems.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S 109-03 (large and small scale) and ASTM E 84 (Class 1)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G21, AATCC30 Part 3 and ASTM D 3273

Environmental Certification: GREENGUARD and GREENGUARD Gold; certified to these standards for low chemical emissions into indoor air during product usage


Acoustical Performance: NRC (Noise Reduction Coefficient) and SAA (Sound Absorption Average) tested in accordance with ASTM C423-09a

UV Protection: Seal of Approval by the Melanoma International Foundation (MIF) for effectiveness in preventing sun damage to the skin or eyes

Style PW4600

Widths: 63" and 98" (160.0 cm and 248.9 cm)
Roll Length: 30 Linear Yards (27.4 m)
Composition: 22% Polyester, 78% Vinyl on Polyester
Mesh Weight: 17.4 oz/yd² (589.97 g/m²)
Fabric Thickness: 0.030 in (0.76 mm)
Openness Factor: Approximately 3%
UV Blockage: Approximately 97%
Acoustical Value: NRC .20 / SAA .23

Style PW4500

Widths: 63" and 98" (160.0 cm and 248.9 cm)
Roll Length: 30 Linear Yards (27.4 m)
Composition: 17% Polyester, 83% Vinyl on Polyester
Mesh Weight: 14.4 oz/yd² (488.25 g/m²)
Fabric Thickness: 0.024 in (0.61 mm)
Openness Factor: Approximately 5%
UV Blockage: Approximately 95%
Acoustical Value: NRC .15 / SAA .17

For additional performance values, test references and technical definitions visit us at www.phifer.com.
These Draper room-darkening window shade fabrics are constructed of tough woven fiberglass coated on both sides with durable, sun-resistant, flexible vinyl. They are flame, fade, and mildew resistant, washable and tear proof. Designed for the toughest service, without that “institutional look.”

**SunBloc Series SB9000 (Triopak II / Opaque)**

- White SB9010
- Ivory SB9020
- Palomino SB9025
- Grey SB9040
- Black SB9050
- Champagne SB9060
- Dark Grey SB9080
- Apartments

**SunBloc Series SB9100 (Duopak / Duplex)**  
White on the outside.

- Grey SB9110
- Sage SB9125
- Wheat SB9130
- Dark Grey SB9140
- Putty SB9150
- Mineral Dust SB9145
- Linge SB9185
- Denim SB9135
- Black SB9170
- Oyster SB9070
- Ivory SB9102

**Bedrooms**

**Apartments**
Draper's opaque vinyl fiberglass fabrics are real energy savers — reducing heat loss in winter, heat build-up in summer. In cold weather, window shades can reduce heat loss through glass by as much as 25%. When it's hot outside, shades can cut heat gain by 50%.

SUNBLOC SERIES SB9000 (TRIOPAK II / OPAQUE)
The toughest shade fabric ever developed, SB9000 is available in eight neutral colors. It is an excellent insulating material, reducing heat transfer both winter and summer. Constructed of tough materials: close-woven fiberglass coated on both sides with durable, sun-resistant, flexible vinyl. Flame, fade and mildew resistant, washable, and tear proof.

Specification: Close woven fiberglass base textile with sun-resistant vinyl film securely bonded to each side. Opaque, fire retardant, washable and stain resistant. Tensile strength 190 lbs. warp x 180 lbs. fill.

Other colors available: Tan.

SUNBLOC SERIES SB9100 (DUOPAK / DUPLEX)
White on the outside, ten decorator colors on the inside. Close-woven fiberglass is sandwiched between two layers of tough, flexible vinyl. Flame, fade and mildew-proof, SB9100 is designed for the toughest service, without the "institutional look."

Specification: Close woven fiberglass base textile with sun-resistant vinyl film securely bonded to each side. Opaque, fire retardant, washable and stain resistant. Tensile strength 190 lbs. warp x 180 lbs. fill.

Other colors available: Chocolate, Forest Green, Burgundy, and Navy.

**"Window Shades and Energy Conservation," Illinois Institute of Technology**
DRAWINGS

See Attached
345390 - Dom Ceiling (Indian Quad)
Window Shade Dimensions/Type Legend

8’ (w) x 5.5’ (l)
SUNBLOC - SERIES SB9000 - OYSTER

5.5’ (w) x 5.5’ (l)
SUNBLOC - SERIES SB9000 - OYSTER

3’ (w) x 5.5’ (l)
SUNBLOC - SERIES SB9000 - OYSTER

5’ (w) x 5.5’ (l)
SUNBLOC - SERIES SB9000 - OYSTER

2.5’ (w) x 5.5’ (l)
SUNBLOC - SERIES SB9000 - OYSTER

1.25’ (w) x 5.5’ (l)
SUNBLOC - SERIES SB9000 - OYSTER

1.25’ (w) x 5.5’ (l)
SHEERWEAVE - PW4600 - Pewter

8’ (w) x 5.5’ (l)
SHEERWEAVE - PW4600 - Pewter

8’ (w) x 5.5’ (l)
DOUBLE - SB9000 - Gray / SHEERWEAVE - PW4600 - Pewter

2.5’ (w) x 5.5’ (l)
DOUBLE - SB9000 - Gray / SHEERWEAVE - PW4600 - Pewter
Archway Entrance. No vehicles allowed. Handcarts only.

Manican Hall

Cayuga Hall

Adirondack Hall

Cayuga Hall and Adirondack Hall have a common entrance at this location to be utilized for materials being brought into the buildings.