

BIDDING REQUIREMENTS for PURCHASING

NOTICE AND INFORMATION FOR BIDDERS

**Attachment A: Bid Breakdown & Schedule**

Bidder: \_\_\_\_\_

DASNY Contact: Nicole White – [nwhite@dasny.org](mailto:nwhite@dasny.org)

Services/Product Required By: On an as needed basis.

Term: It is the intent of DASNY to issue Purchase Orders per this procurement for a two-year period commencing upon notification of award. DASNY will have the option to extend the term up to a year. Bidder must honor pricing for the term of the procurement.

Description: Mattress Term Procurement - Furnish and deliver new mattresses to various locations throughout New York State.

Bid Open Location: DASNY, Corporate Headquarters, 515 Broadway, Albany, NY 12207 Bid Open Date and Time: Thursday, January 11, 2024 at 2:30 PM

Item No.	Description	Quantity	UOM	Extended Price
1A	Extra Comfort Dormitory Innerspring Mattress with Woven Fire Resistant Polyester or Fire Resistant Polyester/Cotton Blend Cover - 33.5"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
1B	Extra Comfort Dormitory Innerspring Mattress with Woven Fire Resistant Polyester or Fire Resistant Polyester/Cotton Blend Cover - 33.5"W x 84"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
1C	Extra Comfort Dormitory Innerspring Mattress with Woven Fire Resistant Polyester or Fire Resistant Polyester/Cotton Blend Cover - 36"W x 76"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
1D	Extra Comfort Dormitory Innerspring Mattress with Woven Fire Resistant Polyester or Fire Resistant Polyester/Cotton Blend Cover - 36"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
1E	Extra Comfort Dormitory Innerspring Mattress with Woven Fire Resistant Polyester or Fire Resistant Polyester/Cotton Blend Cover - 36"W x 84"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$

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1F	Extra Comfort Dormitory Innerspring Mattress with Woven Fire Resistant Polyester or Fire Resistant Polyester/Cotton Blend Cover - 38"W x 76"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
1G	Extra Comfort Dormitory Innerspring Mattress with Woven Fire Resistant Polyester or Fire Resistant Polyester/Cotton Blend Cover - 38"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
1H	Extra Comfort Dormitory Innerspring Mattress with Woven Fire Resistant Polyester or Fire Resistant Polyester/Cotton Blend Cover - 39"W x 76"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
1I	Extra Comfort Dormitory Innerspring Mattress with Woven Fire Resistant Polyester or Fire Resistant Polyester/Cotton Blend Cover - 39"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
1J	Extra Comfort Dormitory Innerspring Mattress with Woven Fire Resistant Polyester or Fire Resistant Polyester/Cotton Blend Cover - 54"W x 75"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
1K	Extra Comfort Dormitory Innerspring Mattress with Woven Fire Resistant Polyester or Fire Resistant Polyester/Cotton Blend Cover - 54"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
1L	Extra Comfort Dormitory Innerspring Mattress with Woven Fire Resistant Polyester or Fire Resistant Polyester/Cotton Blend Cover - 60"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
2A	Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 33.5"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
2B	Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 33.5"W x 84"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
2C	Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 36"W x 76"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
2D	Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 36"W x 80"L x 9"H with 3.5" radii corners -per Detailed Specifications	1	EA	\$
2E	Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 36"W x 84"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$

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2F	Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 38"W x 76"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
2G	Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 38"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
2H	Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 39"W x 76"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
2I	Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 39"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
2J	Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 54"W x 75"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
2K	Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 54"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
2L	Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 60"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
3A	Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire Resistant Vinyl Cover - 33.5"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
3B	Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire Resistant Vinyl Cover - 33.5"W x 84"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
3C	Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire Resistant Vinyl Cover - 36"W x 76"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
3D	Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire Resistant Vinyl Cover - 36"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
3E	Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire Resistant Vinyl Cover - 36"W x 84"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
3F	Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire Resistant Vinyl Cover - 38"W x 76"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
3G	Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire Resistant Vinyl Cover - 38"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$

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3H	Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire Resistant Vinyl Cover - 39"W x 76"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
3I	Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire Resistant Vinyl Cover - 39"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
3J	Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire Resistant Vinyl Cover - 54"W x 75"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
3K	Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire Resistant Vinyl Cover - 54"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
3L	Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire Resistant Vinyl Cover - 60"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
4A	Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover -33.5"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
4B	Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 33.5"W x 84"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
4C	Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 36"W x 76"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
4D	Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 36"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
4E	Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 36"W x 84"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
4F	Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 38"W x 76"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
4G	Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 38"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
4H	Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 39"W x 76"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
4I	Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 39"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$

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4J	Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 54"W x 75"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
4K	Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 54"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
4L	Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 60"W x 80"L x 9"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
5A	Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 3.5"W x 80"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
5B	Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 33.5"W x 84"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
5C	Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 36"W x 76"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
5D	Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 36"W x 80"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
5E	Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 36"W x 84"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
5F	Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 38"W x 76"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
5G	Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 38"W x 80"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
5H	Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 39"W x 76"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
5I	Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 39"W x 80"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
5J	Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 54"W x 75"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
5K	Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 54"W x 80"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$

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5L	Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 60"W x 80"L x 8"H with 3.5" radii per Detailed Specifications	1	EA	\$
6A	Extra Plush Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 33.5"W x 80"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
6B	Extra Plush Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 33.5"W x 84"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
6C	Extra Plush Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 36"W x 76"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
6D	Extra Plush Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 36"W x 80"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
6E	Extra Plush Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 36"W x 84"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
6F	Extra Plush Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 38"W x 76"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$
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6L	Extra Plush Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover - 60"W x 80"L x 8"H with 3.5" radii corners per Detailed Specifications	1	EA	\$

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*\*Note: If a model is discontinued by the manufacturer prior to delivery of the product, DASNY reserves the right to accept a replacement model from the manufacturer subject to meeting all general requirements and detailed product specifications.*

**TOTAL BID** \_\_\_\_\_

**ADDITIONAL OPTIONS:**

All bidders are requested to complete the below additional options A – E:

A. Price addition per unit for dock delivery:

Western Region	\$ _____	Each
Central Region	\$ _____	Each
Hudson Valley/Adirondack Region	\$ _____	Each
NYS/Long Island Region	\$ _____	Each

B. Price addition per unit for delivery to specified location, includes unloading from truck:

Western Region	\$ _____	Each
Central Region	\$ _____	Each
Hudson Valley/Adirondack Region	\$ _____	Each
NYS/Long Island Region	\$ _____	Each

C. Price addition per unit for inside delivery with set-in-place. All items shall be delivered and placed, made ready for use, with the removal of all debris from premises:

Western Region	\$ _____	Each
Central Region	\$ _____	Each
Hudson Valley/Adirondack Region	\$ _____	Each
NYS/Long Island Region	\$ _____	Each

D. Price removal and recycling of old mattresses:

Western Region	\$ _____	Each
Central Region	\$ _____	Each
Hudson Valley/Adirondack Region	\$ _____	Each
NYS/Long Island Region	\$ _____	Each

E. Hourly charge for deliveries that exceed two hour unloading time:

\$ \_\_\_\_\_ Per Hour

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*(The below questions 1) and 2) need only be answered if the above total bid is for one million dollars or more)*

1. Does your firm anticipate the use of subcontractors and outside suppliers specific to this procurement?

Yes  No

2. Does your firm anticipate the creation of employment opportunities arising from this procurement?

Yes  No

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*(The below information must be completed for all bids.)*

Identify all subcontractors, if any: \_\_\_\_\_

STATE, PROVINCE FOR FOREIGN COUNTRY THAT YOUR FIRM'S PRINCIPAL PLACE OF BUSINESS IS LOCATED: \_\_\_\_\_

ADDRESS OF FACTORY OR PLANT WHERE ITEMS ARE MANUFACTURED AND/OR ASSEMBLED  
*(Attach additional sheet(s) if more than one manufacturer):* \_\_\_\_\_

\_\_\_\_\_  
BIDDER (FIRM NAME)

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
NAME (TYPE/PRINTED)

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE



BIDDING REQUIREMENTS for PURCHASING  
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**Attachment B**

**Detailed Specifications and General Requirements**

**GENERAL REQUIREMENTS:**

A. Product Data: Manufacturer's detailed descriptive specifications and descriptive literature must be submitted for each type of product with bid submittal.

B. Samples: Low Bidder will be required to provide samples to DASNY Interior Design as part of the bid review process. DASNY Purchasing will make this request and coordinate the delivery of the samples with the bidder. "Low bidder shall also be responsible for submitting laboratory testing results".

Prepare Samples from the same material to be used for the work with bid submittal.

1. FR (fire retardant) 100% polyester or cotton/polyester blend woven twill Ticking Fabric: 12-inchesquare section of fabric to be used for the Work, with specified treatments applied. Mark face of fabric.

2. Reinforced FR Vinyl Ticking Fabric: 12-inch- square section of fabric to be used for the work, with specified treatments applied. Mark face of fabric.

3. 210 Denier Nylon with Polyurethane Coating Ticking Fabric: 12-inch- square section of fabric to be used for the work, with specified treatments applied. Mark face of fabric.

4. Reinforced Polyester/Cotton Insulator Pad: 12" Square

5. Pad comprised of 20% cotton and 80% synthetic fibers: 12-inch Square.

6. Polyester pad composed of 25% low melt, 75% 15dpf polyester:12-inch Square.

7. Polyurethane foam (Topper) 2" – 1.8lb – 45 ILD Zoned Polyurethane Foam: 12- inch Square.

8. Polyurethane foam (Topper) 2" – 1.8lb – 35ILD Zoned Polyurethane Foam: 12 - inch Square

9. Polyurethane Foam Encasement (Side Support) 1.8lb 60ILD Polyurethane Foam Encasement

10. Pre-Built Border: Not less than 12-inch-long section showing seam and edge treatments.

11. Fire Barrier: 20% low melt, 65% 4.5dpf FR rayon and 15% 4dpf polyester 12-inch Square

C. Mock-Up Samples: Low Bidder will be required to provide samples to DASNY Interior Design as part of the bid review process. DASNY Purchasing will make this request and coordinate the delivery of the samples with the low bidder. Low bidder shall also be responsible for submitting laboratory testing results as follows:

Provide mock-up of composite mattress to verify selections made under Sample Submittals and to demonstrate the qualities of materials and execution within ten (10) days of a written request by DASNY.

D. The successful bidder shall provide the Dormitory Authority within thirty (30) days additional copies of manufacturer' descriptive literature for Dormitory Authority distribution.

**QUALITY ASSURANCE**

A. Acceptable Manufacturers:

1. Manufacturers of products offered must have been in the business of assembling and/or manufacturing the products as specified for a minimum of five (5) consecutive years, in projects of similar size and scope.

2. The contractor shall be responsible for the integrity and load-bearing qualities of the individual sections and of the unit as a whole.

## **DASNY FLAMABILITY REQUIREMENTS**

The mattresses must meet the flammability standards set forth by the US Government for flammability of mattresses FF-4-72 (pursuant to 16 CFR parts 1632 and 1633 and shall meet or exceed the flammability standard set forth in California TB-129 and Boston Fire BFD IX-11. All bidders must supply a manufacturer's statement on company letterhead that the mattresses shall meet the requirements set forth by the US Government for flammability of mattresses FF-4-72 and shall meet or exceed the flammability standard set forth in California TB-129 and Boston Fire IX-11.

### Summary:

1. The following standards issued in effect on the date of the invitation for bids form a part of this specification:
  - a. Federal Flammability Standard Consumer Product Safety Commission Title 16 CFR parts 1632 and 1633
  - b. Boston Fire Code BFD IX-11
  - c. California Technical Bulletin #129 Flammability Test Procedure for Mattress for use in Public Buildings
2. Construction of all mattress types shall meet the flammability standards set forth by the U.S. Government for flammability of mattresses FF-4-72 (pursuant to 16 CFR parts 1632 and 1633) and shall meet or exceed the flammability standard set forth in California TB-129, and Boston Fire BFD IX-11.
3. All bidders must supply a manufacturer's statement on company letterhead that the mattresses shall meet the requirements set forth by the US Government for flammability of mattresses FF-4-72 and shall meet or exceed the flammability standard set forth in California TB-129 and Boston Fire IX-11.
4. The "Low Bidder" must produce an independent laboratory certification verifying such within thirty (30) days of the date that the information is requested by DASNY. All costs associated with the testing and certification of any product shall be borne by the bidder. All bids failing to comply with these requirements may be considered incomplete and non-responsive."

## **DETAILED PRODUCT SPECIFICATION**

### **1.0 Extra Comfort Dormitory Innerspring Mattress with Woven Fire-Resistant Polyester or Fire-Resistant Polyester/Cotton Blend Cover**

#### **1.1 Size: Shall be constructed to the final finished dimensions:**

- a) 33.5"W x 80"L x 9"H with 3.5" radii corners
- b) 33.5"W x 84"L x 9"H with 3.5" radii corners
- c) 36"W x 76"L x 9"H with 3.5" radii corners
- d) 36"W x 80"L x 9"H with 3.5" radii corners
- e) 36"W x 84"L x 9"H with 3.5" radii corners
- f) 38"W x 76"L x 9"H with 3.5" radii corners
- g) 38"W x 80"L x 9"H with 3.5" radii corners
- h) 39"W x 76"L x 9"H with 3.5" radii corners
- i) 39"W x 80"L x 9"H with 3.5" radii corners
- j) 54"W x 75"L x 9"H with 3.5" radii corners
- k) 54"W x 80"L x 9"H with 3.5" radii corners
- l) 60"W x 80"L x 9"H with 3.5" radii corners

#### **1.2 Comfort: Extra Comfort, cushion resiliency**

#### **1.3 Component Materials**

- a) Cover: The cover ticking shall be FR (fire retardant) 100% polyester or cotton/polyester blend woven twill, six ounces per square yard, or approved equal. Color shall be gray and white pinstripe. Each top and bottom shall be one piece (no seams) with the pinstripe running lengthwise.

- b) Insulators – Primary and Secondary: A half perimeter size insulator pad shall be attached to the center third of the innerspring, reducing the open coil diameter. Then the entire area of the top and bottom surfaces of the innerspring unit shall be covered with reinforced polyester/cotton insulator pad. Nominal weight shall be 1.75 ounces per square foot with a nominal thickness of .250 inches. The pad shall be latex/resin treated, totally impregnated pad of shredded fibers, with needle punched interior. The insulator pad shall be wrapped around and attached securely to each border wire.
- c) Upholstery Layers: The top and bottom surfaces shall have multiple layers of upholstery and be assembled as follows:
- i. A thick pad composed of approximately 20% cotton and 80% synthetic fibers which have been bonded under heat with a thermoplastic resin, and formed into a pad with polyester scrim netting bonded to the bottom shall be added to the top and bottom surfaces of the innerspring on top of the primary and secondary insulator pad. The material shall weigh not less than 4.45 ounces per square foot with a minimum 7/8 inch thickness. The layer shall be wrapped around and attached securely to each border wire.
  - ii. Next, the top and bottom surfaces shall be covered with a thick polyester pad composed of 25% low melt, 75% 15dpf polyester, carded and cross lapped, thermally bonded using bi-component polyester fiber. The material shall weigh 1.8 ounces per square foot with a minimum 7/8 inch thickness.
  - iii. Then, one half pound corner pads shall be securely placed in each corner of the innerspring.
  - iv. The last internal layer prior to the ticking covering the top and bottom shall be the fire barrier. Composed of 20% low melt, 65% 4.5 dpf FR rayon and 15% 4 dpf polyester. Carded and cross lapped thermally bonded using Bi-component polyester fiber. Weight is .8 ounce per square foot with a thickness of .5".
- d) Flange: The flange shall be of a minimum 5" wide strip of spun bonded polypropylene machine sewn 3/4" inside the outer hem of the top and bottom ticking panels. The entire insulation and upholstery layers are securely anchored to the edge of the spring unit by fastening the flanging material to every other perimeter coil with metal rings. The flanging process shall reinforce and anchor the edges of the mattress.
- e) Pre-Built Border: The pre-built one-piece border shall be constructed using the same mattress cover ticking used for the top and bottom panels.
- f) Thread and Stitching: The thread used for ALL stitching shall be flame retardant synthetic fiber that does not impair the flammability characteristics of the mattress. All machine stitching shall be a minimum of 8 stitches to the inch.
- g) Innerspring Unit: The basis for this specification is the type 312 Bonnell Spring Unit or approved equal.
- i. The 36" x 80" innerspring unit shall consist of not less than 208 coils (8x26) knotted construction. The 33.5" x 80" innerspring unit shall consist of not less than 183 coils (7x26) knotted construction. Additional sizes may be modified proportionately.
  - ii. Coils shall be hourglass shaped, not less than 13-gauge double tempered high carbon steel wire with a minimum height of 5" +/- 1/4", a minimum of 5 convolutions and ends shall be securely knotted.
  - iii. Coils shall have top and bottom convolutions overlapping adjacent coils top and bottom convolutions and secured with helical.
  - iv. Transverse row of Bonnell coils shall be anchored with 17.5 gauge cross helical and all ends shall be securely clinched or clamped.
  - v. There shall be border wire of not less than 6-gauge high carbon steel around the entire perimeter of the top and bottom surfaces of the spring unit. Ends of the border wire are to be twisted ferruled or butt-welded. The border wire shall be attached to each outside coil using metal clips (two metal clips on all four corner coils). Clips shall be made from cold-rolled mild steel not less than 0.030 inches in thickness and not less than 7/16" wide.

- 1.4 Closing Edges shall be taped using a minimum of 5/8" tight woven polyester tape sewn to securely bind the top and bottom to the side border.
- 1.5 Workmanship: Quality work shall be commensurate with standards of high quality in component processing and manufacturing; as well as assembly of components and tailoring. All materials, threads and stitches shall conform to the U.S. Standards of Workmanship.
- 1.6 Handles: None
- 1.7 Ventilators: None
- 1.8 Label: The finished composite mattress shall have 2 new labels securely affixed. The first shall be a law tag as required by New York State certifying that all materials are new and unused. The second label shall be a law tag as required by the Federal Government. This label states the manufacturer and manufacturer's address, date of production and appropriate Federal Government flammability requirements.
- 1.9 Packaging: Mattresses shall be individually packed and sealed in a sanitary container standard to the industry with contents clearly marked on outside.

**2.0 Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover**

2.1 Size: Shall be constructed to the final finished dimensions:

- a) 33.5"W x 80"L x 9"H with 3.5" radii corners
- b) 33.5"W x 84"L x 9"H with 3.5" radii corners
- c) 36"W x 76"L x 9"H with 3.5" radii corners
- d) 36"W x 80"L x 9"H with 3.5" radii corners
- e) 36"W x 84"L x 9"H with 3.5" radii corners
- f) 38"W x 76"L x 9"H with 3.5" radii corners
- g) 38"W x 80"L x 9"H with 3.5" radii corners
- h) 39"W x 76"L x 9"H with 3.5" radii corners
- i) 39"W x 80"L x 9"H with 3.5" radii corners
- j) 54"W x 75"L x 9"H with 3.5" radii corners
- k) 54"W x 80"L x 9"H with 3.5" radii corners
- l) 60"W x 80"L x 9"H with 3.5" radii corners

2.2 Comfort: Extra Comfort, cushion resiliency

2.3 Component Materials:

- a) The cover ticking shall be a 210 denier nylon with a polyurethane coating on the back (or equal), shall weigh a minimum of 4.6 ounces per square yard, and shall be fire retardant. Color shall be navy blue.

i. Cover ticking shall have the following specifications:

Antibacterial	AATCC Method 147-1988 Staphylococcus Aureus	Contact Inhibition 99%+
Antifungal	AATCC Method 30-1988 Aspergillums Niger	Contact Inhibition 99%+
Primary Skin Irritation	Draize Dermal Toxicity	Non-Allergenic
Flame Resistance	NFPA 701 (small scale) CAL TB117	PASS

Moisture Vapor Transmission	ASTM E96/BW	100 g/m <sup>2</sup> /24hrs
Hydrostatic Burst (PSI)	Federal Standard 191-5512	200 lbs.
Tear Strength	Federal Standard 191-5134	Warp 4.0 lbs.; Fill 4.0 lbs.

ii. Each top and bottom panel shall be one piece (no seams) and shall be double stitched to the pre-built border with not less than 5/8" wide mattress binding tape.

- b) Insulators – Primary and Secondary: A half perimeter size insulator pad shall be attached to the center third of the innerspring, reducing the open coil diameter. Then the entire area of the top and bottom surfaces of the innerspring unit shall be covered with reinforced polyester/cotton insulator pad. Nominal weight shall be 1.75 ounces per square foot with a nominal thickness of .250 inches. The pad shall be latex/resin treated, totally impregnated pad of shredded fibers, with needle punched interior. The insulator pad shall be wrapped around and attached securely to each border wire.
- c) Upholstery Layers: The top and bottom surfaces shall have multiple layers of upholstery and be assembled as follows:
- i. A thick pad composed of approximately 20% cotton and 80% synthetic fibers which have been bonded under heat with a thermoplastic resin, and formed into a pad with polyester scrim netting bonded to the bottom shall be added to the top and bottom surfaces of the innerspring on top of the primary and secondary insulator pad. The material shall weigh not less than 4.45 ounces per square foot with a minimum 7/8 inch thickness. The layer shall be wrapped around and attached securely to each border wire.
  - ii. Next, the top and bottom surfaces shall be covered with a thick polyester pad composed of 25% low melt, 75% 15dpf polyester, carded and cross lapped, thermally bonded using bi-component polyester fiber. The material shall weigh 1.8 ounces per square foot with a minimum 7/8 inch thickness.
  - iii. Then, one half pound corner pads shall be securely placed in each corner of the innerspring.
  - iv. The last internal layer prior to the ticking covering the top and bottom shall be the fire barrier. Composed of 20% low melt, 65% 4.5 dpf FR rayon and 15% 4 dpf polyester. Carded and cross lapped thermally bonded using Bi-component polyester fiber. Weight is .8 ounce per square foot with a thickness of .5".
- d) Flange: The flange shall of a minimum 5" wide strip of spun bonded polypropylene machine sewn 3/4" inside the outer hem of the top and bottom ticking panels. The entire insulation and upholstery layers are securely anchored to the edge of the spring unit by fastening the flanging material to every other perimeter coil with metal rings. The flanging process shall reinforce and anchor the edges of the mattress.
- e) Pre-Built Border: The pre-built one piece border shall be constructed using the same mattress cover ticking used for the top and bottom panels.
- f) Thread and Stitching: The thread used for ALL stitching shall be flame retardant synthetic fiber that does not impair the flammability characteristics of the mattress. All machine stitching shall be a minimum of 8 stitches to the inch.
- g) Innerspring Unit: The basis for this specification is the type 312 Bonnell Spring Unit or approved equal.

- i. The 36" x 80" innerspring unit shall consist of not less than 208 coils (8x26) knotted construction. The 33.5" x 80" innerspring unit shall consist of not less than 183 coils (7x26) knotted construction. Additional sizes may be modified proportionately.
- ii. Coils shall be hourglass shaped, not less than 13 gauge double tempered high carbon steel wire with a minimum height of 5" +/- 1/4", a minimum of 5 convolutions and ends shall be securely knotted.
- iii. Coils shall have top and bottom convolutions overlapping adjacent coils top and bottom convolutions and secured with helical.
- iv. Transverse row of Bonnell coils shall be anchored with 17.5 gauge cross helical and all ends shall be securely clinched or clamped.
- v. There shall be border wire of not less than 6 gauge high carbon steel around the entire perimeter of the top and bottom surfaces of the spring unit. Ends of the border wire are to be twisted ferruled or butt-welded. The border wire shall be attached to each outside coil using metal clips (two metal clips on all four corner coils). Clips shall be made from cold-rolled mild steel not less than 0.030 inches in thickness and not less than 7/16" wide.

2.4 Closing: Edges shall be taped using a minimum of 5/8" tight woven polyester tape sewn to securely bind the top and bottom to the side border OR edges shall be sewn securely using inverted seam technology.

2.5 Workmanship: Quality of work shall be commensurate with standards of high quality in component processing and manufacturing; as well as assembly of components and tailoring. All materials, threads and stitches shall conform to the U.S. Standards of Workmanship.

2.6 Handles: None

2.7 Ventilators: None

2.8 Label: The finished composite mattress shall have 2 new labels securely affixed. The first shall be a law tag as required by New York State certifying that all materials are new and unused. The second label shall be a law tag as required by the Federal Government. This label states the manufacturer and manufacturer's address, date of production and appropriate Federal Government flammability requirements.

2.9 Packaging: Mattresses shall be individually packed and sealed in a sanitary container standard to the industry with contents clearly marked on outside.

### 3.0 **Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire-Resistant Vinyl Cover**

3.1 Size: Shall be constructed to the final finished dimensions:

- a) 33.5"W x 80"L x 9"H with 3.5" radii corners
- b) 33.5"W x 84"L x 9"H with 3.5" radii corners
- c) 36"W x 76"L x 9"H with 3.5" radii corners
- d) 36"W x 80"L x 9"H with 3.5" radii corners
- e) 36"W x 84"L x 9"H with 3.5" radii corners
- f) 38"W x 76"L x 9"H with 3.5" radii corners
- g) 38"W x 80"L x 9"H with 3.5" radii corners
- h) 39"W x 76"L x 9"H with 3.5" radii corners
- i) 39"W x 80"L x 9"H with 3.5" radii corners
- j) 54"W x 75"L x 9"H with 3.5" radii corners
- k) 54"W x 80"L x 9"H with 3.5" radii corners
- l) 60"W x 80"L x 9"H with 3.5" radii corners

3.2 Comfort: Extra Comfort, cushion resiliency

3.3 Component Materials :

- a) Cover: The cover ticking shall be Bio-Pruf™ antimicrobial treated reinforced nylon laminate institutional ticking, not less than 10.5 ounces per square yard, and shall be flame retardant,

antibacterial, antistatic, stain resistant and waterproof. Color shall be A.C.A. blue and white stripe. Each top and bottom panel shall be one piece (no seams) with stripe running lengthwise.

- b) Insulators - Primary and Secondary: A half perimeter size insulator pad shall be attached to the center third of the innerspring, reducing the open coil diameter. Then the entire area of the top and bottom surfaces of the innerspring unit shall be covered with reinforced polyester/cotton insulator pad. Nominal weight shall be 1.75 ounces per square foot with a nominal thickness of .250 inches. The pad shall be latex/resin treated, totally impregnated pad of shredded fibers, with needle punched interior. The insulator pad shall be wrapped around and attached securely to each border wire.
- c) Upholstery Layers: The top and bottom surfaces shall have multiple layers of upholstery and be assembled as follows:
  - i. A thick pad composed of approximately 20% cotton and 80% synthetic fibers which have been bonded under heat with a thermoplastic resin, and formed into a pad with polyester scrim netting bonded to the bottom shall be added to the top and bottom surfaces of the innerspring on top of the primary and secondary insulator pad. The material shall weigh not less than 4.45 ounces per square foot with a minimum 7/8 inch thickness. The layer shall be wrapped around and attached securely to each border wire.
  - ii. Next, the top and bottom surfaces shall be covered with a thick polyester pad composed of 25% low melt, 75% 15dpf polyester, carded and cross lapped, thermally bonded using bi-component polyester fiber. The material shall weigh 1.8 ounces per square foot with a minimum 7/8 inch thickness.
  - iii. Then, one half pound corner pads shall be securely placed in each corner of the innerspring.
  - iv. The last internal layer prior to the ticking covering the top and bottom shall be the fire barrier. Composed of 20% low melt, 65% 4.5 dpf FR rayon and 15% 4 dpf polyester. Carded and cross lapped thermally bonded using Bi-component polyester fiber. Weight is .8 ounce per square foot with a thickness of .5".
- d) Flange: The flange shall of a minimum 5" wide strip of spun bonded polypropylene machine sewn 3/4" inside the outer hem of the top and bottom ticking panels. The entire insulation and upholstery layers are securely anchored to the edge of the spring unit by fastening the flanging material to every other perimeter coil with metal rings. The flanging process shall reinforce and anchor the edges of the mattress.
- e) Pre-Built Border: The pre-built one piece border shall be constructed using the same mattress cover ticking used for the top and bottom panels.
- f) Thread and Stitching: The thread used for ALL stitching shall be flame retardant synthetic fiber that does not impair the flammability characteristics of the mattress. All machine stitching shall be a minimum of 8 stitches to the inch.
- g) Innerspring Unit: The basis for this specification is the type 312 Bonnell Spring Unit or approved equal.
  - i. The 36" x 80" innerspring unit shall consist of not less than 208 coils (8x26) knotted construction. The 33.5" x 80" innerspring unit shall consist of not less than 183 coils (7x26) knotted construction. Additional sizes may be modified proportionately.
  - ii. Coils shall be hourglass shaped, not less than 13 gauge double tempered high carbon steel wire with a minimum height of 5" +/- 1/4", a minimum of 5 convolutions and ends shall be securely knotted.
  - iii. Coils shall have top and bottom convolutions overlapping adjacent coils top and bottom convolutions and secured with helical.
  - iv. Transverse row of Bonnell coils shall be anchored with 17.5 gauge cross helical and all ends shall be securely clinched or clamped.
  - v. There shall be border wire of not less than 6 gauge high carbon steel around the entire perimeter of the top and bottom surfaces of the spring unit. Ends of the border wire are to be twisted ferruled or

butt-welded. The border wire shall be attached to each outside coil using metal clips (two metal clips on all four corner coils). Clips shall be made from cold-rolled mild steel not less than 0.030 inches in thickness and not less than 7/16" wide.

- 3.4 Closing: Edges shall be taped using a minimum of 5/8" tight woven polyester tape sewn to securely bind the top and bottom to side border.
- 3.5 Workmanship: Quality of work shall be commensurate with standards of high quality in component processing and manufacturing as well as assembly of components and tailoring. All materials, threads, and stitches shall conform to the U.S. Standards of Workmanship.
- 3.6 Handles: None
- 3.7 Ventilators: None
- 3.8 Label: The finished finished composite mattress shall have 2 new labels securely affixed. The first shall be a law tag as required by New York State certifying that all materials are new and unused. The second label shall be a tag as required by the Federal Government. This label states the manufacturer and manufacturer's address, date of production and appropriate Federal Government flammability requirements.
- 3.9 Packaging: Mattresses shall be individually packed and sealed in a sanitary container standard to the industry with contents clearly marked on outside.

**4.0 Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover**

4.1 Size: Shall be constructed to the final finished dimensions:

- a) 33.5"W x 80"L x 9"H with 3.5" radii corners
- b) 33.5"W x 84"L x 9"H with 3.5" radii corners
- c) 36"W x 76"L x 9"H with 3.5" radii corners
- d) 36"W x 80"L x 9"H with 3.5" radii corners
- e) 36"W x 84"L x 9"H with 3.5" radii corners
- f) 38"W x 76"L x 9"H with 3.5" radii corners
- g) 38"W x 80"L x 9"H with 3.5" radii corners
- h) 39"W x 76"L x 9"H with 3.5" radii corners
- i) 39"W x 80"L x 9"H with 3.5" radii corners
- j) 54"W x 75"L x 9"H with 3.5" radii corners
- k) 54"W x 80"L x 9"H with 3.5" radii corners
- l) 60"W x 80"L x 9"H with 3.5" radii corners

4.2 Comfort: Extra Plush, cushion resiliency

4.3 Component Materials:

- a) Cover: The cover ticking shall be 210 denier nylon with a polyurethane coating on the back (or equal), shall weigh a minimum of 4.6 ounces per square yard, and shall be fire retardant. Color shall be navy blue.

i. Cover ticking shall have the following specifications:

Antibacterial	AATCC Method 147-1988 Staphylococcus Aureus	Contact Inhibition 99%+
Antifungal	AATCC Method 30-1988 Aspergillums Niger	Contact Inhibition 99%+
Primary Skin Irritation	Draize Dermal Toxicity	Non-Allergenic



Flame Resistance	NFPA 701 (small scale) CAL TB117	PASS
Moisture Vapor Transmission	ASTM E96/BW	100 g/m2/24hrs
Hydrostatic Burst (PSI)	Federal Standard 191-5512	200 lbs.
Tear Strength	Federal Standard 191-5134	Warp 4.0 lbs.; Fill 4.0 lbs.

- b) Each top and bottom panel shall be one piece (no seams) and shall be double stitched to the pre-built border with not less than 5/8" wide mattress binding tape.
- c) Insulators - Primary and Secondary: The entire area of the top and bottom surfaces of the innerspring unit shall be covered with reinforced polyester/cotton insulator pad. Nominal weight shall be 2.0 ounces per square foot with a nominal thickness of .250 inches. The pad shall be latex/resin treated, totally impregnated pad of shredded fibers, with needle punched interior. The insulator pad shall be wrapped around and attached securely to each border wire.
- d) Additional Mattress Side Support: Each side of the mattress shall have 4 – 11 gauge metal edge supports securely clipped to the border wire. Eight metal edge guards are to be used on each mattress.
- e) Upholstery Layers: The top and bottom surfaces shall have multiple layers of upholstery and be assembled as follows:
- i. Next, the top and bottom surfaces shall be covered with a thick polyester pad composed of 25% low melt, 75% 15dpf polyester, carded and cross lapped, thermally bonded using bi-component polyester fiber. The material shall weigh 1.8 ounces per square foot with a minimum 7/8 inch thickness.
  - ii. Next, the top and bottom surfaces shall be covered with a 1" - 1.5 lb. density polyurethane foam with an ILD of 15. The polyurethane foam shall be wrapped around and attached securely to the spring unit.
  - iii. Then, one half pound corner pads shall be securely placed in each corner of the innerspring.
  - iv. The last internal layer prior to the ticking covering the top and bottom shall be the fire barrier. Composed of 20% low melt, 65% 4.5 dpf FR rayon and 15% 4 dpf polyester. Carded and cross lapped thermally bonded using Bi-component polyester fiber. Weight is .8 ounce per square foot with a thickness of .5".
- f) Flange: The flange shall of a minimum 5" wide strip of spun bonded polypropylene machine sewn 3/4" inside the outer hem of the top and bottom ticking panels. The entire insulation and upholstery layers are securely anchored to the edge of the spring unit by fastening the flanging material to every other perimeter coil with metal rings. The flanging process shall reinforce and anchor the edges of the mattress.
- g) Pre-Built Border: The pre-built one piece border shall be constructed using the same mattress cover ticking used for the top and bottom panels.
- h) Thread and Stitching: The thread used for ALL stitching shall be flame retardant synthetic fiber that does not impair the flammability characteristics of the mattress. All machine stitching shall be a minimum of 8 stitches to the inch.
- i) Innerspring Unit: The basis for this specification is the type 312 Bonnell Spring Unit or approved equal.

- i. The 36" x 80" innerspring unit shall consist of not less than 208 coils (8x26) knotted construction. The 33.5" x 80" innerspring unit shall consist of not less than 183 coils (7x26) knotted construction. Additional sizes may be modified proportionately.
- ii. Coils shall be hourglass shaped, not less than 13 gauge double tempered high carbon steel wire with a minimum height of 5" +/- 1/4", a minimum of 5 convolutions and ends shall be securely knotted.
- iii. Coils shall have top and bottom convolutions overlapping adjacent coils top and bottom convolutions and secured with helical.
- iv. Transverse row of Bonnell coils shall be anchored with 17.5 gauge cross helical and all ends shall be securely clinched or clamped.
- v. There shall be border wire of not less than 6 gauge high carbon steel around the entire perimeter of the top and bottom surfaces of the spring unit. Ends of the border wire are to be twisted ferruled or butt-welded. The border wire shall be attached to each outside coil using metal clips (two metal clips on all four corner coils). Clips shall be made from cold-rolled mild steel not less than 0.030 inches in thickness and not less than 7/16" wide.

4.4 Closing: Edges shall be sewn using inverted seam technology.

4.5 Workmanship: Quality of work shall be commensurate with standards of high quality in component processing And manufacturing as well as assembly of components and tailoring. All materials, threads and stitches shall Conform to the U.S. Standards of Workmanship.

4.6 Handles: None

4.7 Ventilators: None

4.8 Label: The finished composite mattress shall have 2 new labels securely affixed. The first shall be a law tag as Required by New York State certifying that all materials are new and unused. The second label shall be a law tag as required by the Federal Government. This label states the manufacturer and manufacturer's address, date of production and appropriate Federal Government flammability requirements.

4.9 Packaging: Mattresses shall be individually packed and sealed in a sanitary container standard to the industry.

#### 5.0 **Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover**

5.1 Size: Shall be constructed to the final finished dimensions:

- a) 33.5"W x 80"L x 8"H with 3.5" radii corners
- b) 33.5"W x 84"L x 8"H with 3.5" radii corners
- c) 36"W x 76"L x 8"H with 3.5" radii corners
- d) 36"W x 80"L x 8"H with 3.5" radii corners
- e) 36"W x 84"L x 8"H with 3.5" radii corners
- f) 38"W x 76"L x 8"H with 3.5" radii corners
- g) 38"W x 80"L x 8"H with 3.5" radii corners
- h) 39"W x 76"L x 8"H with 3.5" radii corners
- i) 39"W x 80"L x 8"H with 3.5" radii corners
- j) 54"W x 75"L x 8"H with 3.5" radii corners
- k) 54"W x 80"L x 8"H with 3.5" radii corners
- l) 60"W x 80"L x 8"H with 3.5" radii corners

5.2 Comfort: Extra Comfort Firm/Soft, cushion resiliency

5.3 Component Materials:

- a) Cover: The cover ticking shall be 210 denier nylon with a polyurethane coating on the back (or equal), shall weigh a minimum of 4.6 ounces per square yard, and shall be fire retardant. Color shall be navy blue.

i. Cover ticking shall have the following specifications:

Antibacterial	AATCC Method 147-1988 Staphylococcus Aureus	Contact Inhibition 99%+
Antifungal	AATCC Method 30-1988 Aspergillums Niger	Contact Inhibition 99%+
Primary Skin Irritation	Draize Dermal Toxicity	Non-Allergenic
Flame Resistance	NFPA 701 (small scale) CAL TB117	PASS  PASS
Moisture Vapor Transmission	ASTM E96/BW	100 g/m2/24hrs
Hydrostatic Burst (PSI)	Federal Standard 191-5512	200 lbs.
Tear Strength	Federal Standard 191-5134	Warp 4.0 lbs.; Fill 4.0 lbs.

ii. Each top and bottom panel shall be one piece (no seams) and shall be closed using inverted seam technology.

- b) Insulators - Primary and Secondary: The entire area of the top and bottom surfaces of the innerspring unit shall be covered with reinforced polyester/cotton insulator pad. Nominal weight shall be 2.0 ounces per square foot with a nominal thickness of .250 inches. The pad shall be latex/resin treated, totally impregnated pad of shredded fibers, with needle punched interior. The insulator pad shall be wrapped around and attached securely to the innerspring.
- c) Additional Mattress Side Support: The perimeter of the innerspring is supported by a 1.8 lb. 60 ILD Polyurethane Foam Encasement.
- d) Upholstery Layers: The top and bottom surfaces shall be assembled as follows:
- i. Firm side of the mattress should have laminated to the polyurethane foam encasement and insulator pad a 2" – 1.8 lb. – 45 ILD Zoned Polyurethane Foam Topper.
  - ii. Soft side of the mattress should have laminated to the polyurethane foam encasement and insulator pad a 2" – 1.8 lb. – 35 ILD Zoned Polyurethane Foam Topper.
  - iii. The last internal layer prior to the ticking covering the top and bottom shall be the fire barrier. Composed of 20% low melt, 65% 4.5 dpf FR rayon and 15% 4 dpf polyester. Carded and cross lapped thermally bonded using Bi-component polyester fiber. Weight is .8 ounce per square foot with a thickness of .5".
- e. Pre-Built Border: The pre-built one-piece border shall be constructed using the same mattress cover ticking used for the top and bottom panels.
- f. Thread and Stitching: The thread used for ALL stitching shall be flame retardant synthetic fiber that does not impair the flammability characteristics of the mattress. All machine stitching shall be a minimum of 8 stitches to the inch.
- g. Innerspring Unit: The basis for this specification is the type 312 Bonnell Spring Unit or approved equal.
- i. The innerspring unit for 36" x 80" measures 31" x 74" knotted construction. Additional sizes may be modified proportionately.

- ii. Coils shall be hourglass shaped, not less than 13 ½ gauge double tempered high carbons steel wire with a minimum height of 3 ¾" +/- ¼", a minimum of 5 convolutions and ends shall be securely knotted.
- iii. Coils shall have top and bottom convolutions overlapping adjacent coils top and bottom convolutions and secured with helical.
- iv. Transverse row of Bonnell coils shall be anchored with 17.5 gauge cross helical and all ends shall be securely clinched or clamped.

5.4 Closing: Edges shall be taped using a minimum of 5/8" tight woven polyester tape sewn to securely bind the top and bottom to the side border OR edges shall be sewn securely using inverted seam technology.

5.5 Workmanship: Quality of work shall be commensurate with standards of high quality in component processing and manufacturing; as well as assembly of components and tailoring. All materials, threads and stitches shall conform to the U.S. Standards of Workmanship.

5.6 Handles: None

5.7 Ventilators: None

5.8 Label: The finished composite mattress shall have 2 new labels securely affixed. The first shall be a law tag as required by New York State certifying that all materials are new and unused. The second label shall be a law tag as required by the Federal Government. This label states the manufacturer and manufacturer's address, date of production and appropriate Federal Government flammability requirements.

5.9 Packaging:

- a) Mattresses shall be individually packed and sealed in a sanitary container standard to the industry with contents clearly marked on outside.
- b) These mattresses have the capability of being compressed, rolled and wrapped in plastic film. When compressed and rolled the mattress dimension is 16" x 16" x 40". Making shipping very cost effective and placement/installation within the room very easy.

**6.0 Extra Plush Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover**

6.1 Size: Shall be constructed to the final finished dimensions:

- a) 33.5"W x 80"L x 8"H with 3.5" radii corners
- b) 33.5"W x 84"L x 8"H with 3.5" radii corners
- c) 36"W x 76"L x 8"H with 3.5" radii corners
- d) 36"W x 80"L x 8"H with 3.5" radii corners
- e) 36"W x 84"L x 8"H with 3.5" radii corners
- f) 38"W x 76"L x 8"H with 3.5" radii corners
- g) 38"W x 80"L x 8"H with 3.5" radii corners
- h) 39"W x 76"L x 8"H with 3.5" radii corners
- i) 39"W x 80"L x 8"H with 3.5" radii corners
- j) 54"W x 75"L x 8"H with 3.5" radii corners
- k) 54"W x 80"L x 8"H with 3.5" radii corners
- l) 60"W x 80"L x 8"H with 3.5" radii corners

6.2 Comfort: Extra Plush/Firm/Soft, cushion resiliency

6.3 Component Materials:

- a) Cover: The cover ticking shall be 210 denier nylon with a polyurethane coating on the back (or equal), shall weigh a minimum of 4.6 ounces per square yard, and shall be fire retardant. Color shall be navy blue.
  - i. Cover ticking shall have the following specifications:

Antibacterial	AATCC Method 147-1988 Staphylococcus Aureus	Contact Inhibition 99%+
Antifungal	AATCC Method 30-1988 Aspergillums Niger	Contact Inhibition 99%+
Primary Skin Irritation	Draize Dermal Toxicity	Non-Allergenic
Flame Resistance	NFPA 701 (small scale) CAL TB117	PASS  PASS
Moisture Vapor Transmission	ASTM E96/BW	100 g/m2/24hrs
Hydrostatic Burst (PSI)	Federal Standard 191-5512	200 lbs.
Tear Strength	Federal Standard 191-5134	Warp 4.0 lbs.; Fill 4.0 lbs.

- ii. Each top and bottom panel shall be one piece (no seams) and shall be closed using inverted seam technology.
- b) Insulators – Primary and Secondary: The entire area of the top and bottom surfaces of the innerspring unit shall be covered with reinforced polyester/cotton insulator pad. Nominal weight shall be 2.0 ounces per square foot with a nominal thickness of .250 inches. The pad shall be latex/resin treated, totally impregnated pad of shredded fibers, with needle punched interior. The insulator pad shall be wrapped around and attached securely to the innerspring.
- c) Additional Mattress Side Support: The perimeter of the innerspring is supported by a 1.8 lb. 60 ILD Polyurethane Foam Encasement.
- d) Upholstery Layers: The top and bottom surfaces shall be assembled as follows:
  - i. Firm side of the mattress should have laminated to the polyurethane foam encasement and insulator pad a 2" – 1.8 lb. – 35 ILD Zoned Polyurethane Foam Topper.
  - ii. Soft side of the mattress should have laminated to the polyurethane foam encasement and insulator pad a 2" – 1.5 lb. – 15 ILD Zoned Polyurethane Foam Topper.
  - iii. The last internal layer prior to the ticking covering the top and bottom shall be the fire barrier. Composed of 20% low melt, 65% 4.5 dpf FR rayon and 15% 4 dpf polyester. Carded and cross lapped thermally bonded using Bi-component polyester fiber. Weight is .8 ounce per square foot with a thickness of .5".
- e) Pre-Built Border: The pre-built one-piece border shall be constructed using the same mattress cover ticking used for the top and bottom panels.
- f) Thread and Stitching: The thread used for ALL stitching shall be flame retardant synthetic fiber that does not impair the flammability characteristics of the mattress. All machine stitching shall be a minimum of 8 stitches to the inch.
- g) Innerspring Unit: The basis for this specification is the type 312 Bonnell Spring Unit or approved equal.
  - i. The innerspring unit for 36" x 80" measures 31" x 74" knotted construction. Additional sizes may be modified proportionately.
  - ii. Coils shall be hourglass shaped, not less than 13 ½ gauge double tempered high carbons steel wire with a minimum height of 3 ¾" +/- ¼", a minimum of 5 convolutions and ends shall be securely knotted.

- iii. Coils shall have top and bottom convolutions overlapping adjacent coils top and bottom convolutions and secured with helical.
  - iv. Transverse row of Bonnell coils shall be anchored with 17.5 gauge cross helical and all ends shall be
- 6.4 Closing: Edges shall be taped using a minimum of 5/8" tight woven polyester tape sewn to securely bind to the top and bottom to the side border OR edges shall be sewn securely using inverted seam technology.
- 6.5 Workmanship: Quality of work shall be commensurate with standards of high quality in component processing and manufacturing; as well as assembly of components and tailoring. All materials, threads and stitches shall conform to the U.S. Standards of Workmanship.
- 6.6 Handles: None
- 6.7 Ventilators: None
- 6.8 Labels: The finished composite mattress shall have 2 new labels securely affixed. The first shall be a law tag as required by New York State certifying that all materials are new and unused. The second label shall be a law tag as required by the Federal Government. This label states the manufacturer and manufacturer's address, date of production and appropriate Federal Government flammability requirements.
- 6.9 Packaging:
- a) Mattresses shall be individually packed and sealed in a sanitary container standard to the industry with contents clearly marked on outside.
  - b) These mattresses have the capability of being compressed, rolled and wrapped in plastic film. When compressed and rolled the mattress dimension is 16" x 16" x 40". Making shipping very cost effective and placement/installation within the room very easy.

## BIDDING REQUIREMENTS for PURCHASING

### NOTICE AND INFORMATION FOR BIDDERS

#### **Attachment C: Scope of Work and Site Logistics**

Awarded Bidder will furnish and deliver the specified mattresses to various SUNY Campus locations throughout New York State. Bidder will be required to schedule and coordinate with the point of contact provided on the Purchase Order prior to making deliveries. Delivery addresses will vary depending on client needs. Deliveries shall occur during normal business hours unless otherwise directed by the point of contact provided. All deliveries will be made to the dock. If a loading dock plan is needed, Bidder shall request from point of contact provided on the Purchase Order.

Furnish and deliver various quantities of the following mattress types to various SUNY Campuses throughout the term of this procurement.

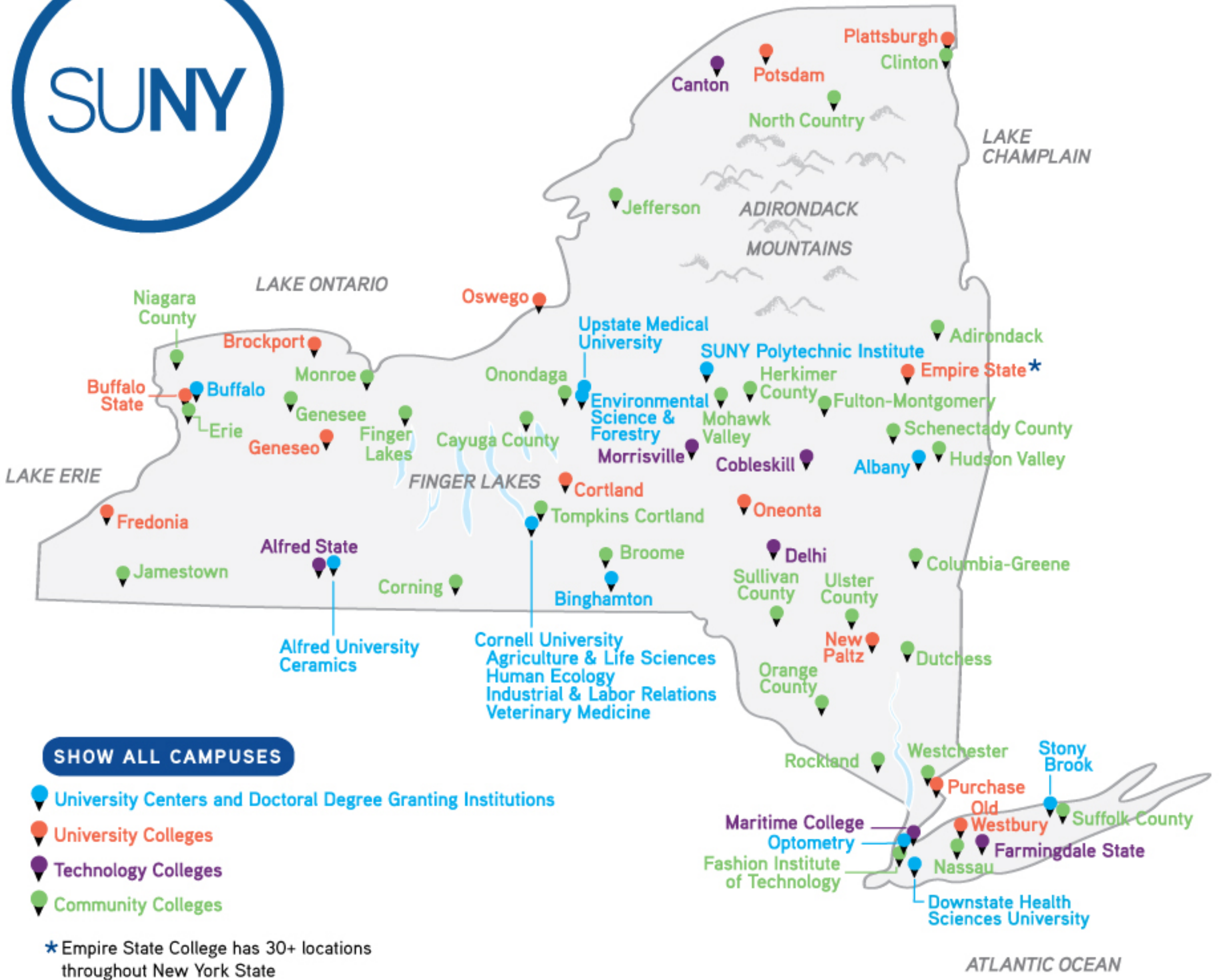
1. Extra Comfort Dormitory Innerspring Mattress with Woven Fire-Resistant Polyester or Fire-Resistant Polyester/Cotton Blend Cover with 3.5" radii corners.
2. Extra Comfort Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover with 3.5" radii corners per with 3.5" radii corners.
3. Extra Comfort Dormitory Innerspring Mattress with Reinforced Fire-Resistant Vinyl Cover with 3.5" radii corners.
4. Extra Plush Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover with 3.5" radii corners.
5. Extra Comfort Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover with 3.5" radii corners.
6. Extra Plush Firm/Soft Dormitory Innerspring Mattress with 210 Denier Polyurethane Coated Nylon Cover with 3.5" radii corners.

All Bidders are requested to provide pricing for the following delivery types:

1. Price Addition per unit for dock delivery:  
Western Region, Central Region, Hudson Valley/Adirondack Region, NYS/Long Island Region
2. Price Addition per unit for Delivery to Specified Location, includes unloading from truck:  
Western Region, Central Region, Hudson Valley/Adirondack Region, NYS/Long Island Region
3. Price Addition per unit for Inside Delivery, Set-In-Place Delivery. All items shall be delivered and placed, made ready for use, with the removal of all debris from premises:  
Western Region, Central Region, Hudson Valley/Adirondack Region, NYS/Long Island Region
4. Price Removal and Recycling of old mattresses:  
Western Region, Central Region, Hudson Valley/Adirondack Region, NYS/Long Island Region
5. Hourly Charge for Deliveries that exceed Two Hour Unloading Time (cost per hour).

#### **DELIVERY, STORAGE & HANDLING:**

1. All goods must be delivered in first-class condition at the point of delivery and in accordance with good commercial practice. Damaged or imperfect items will be rejected and shall be replaced by the contractor. Delivery will be specified as either dock delivery, delivery to a specified location or inside delivery.
  2. Deliveries shall be made on the date specified on each purchase order received from the Dormitory Authority, during normal receiving hours.
  3. Contractor must contact the University Office indicated on each purchase order no less than forty-eight (48) hours in advance to schedule a delivery.
  4. Refer to each mattress type for shipping requirements.
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SUNY

LAKE CHAMPLAIN

LAKE ONTARIO

LAKE ERIE

ADIRONDACK MOUNTAINS

FINGER LAKES

ATLANTIC OCEAN

Plattsburgh

Canton

Potsdam

Clinton

North Country

Jefferson

Oswego

Niagara County

Brockport

Buffalo State

Buffalo

Monroe

Genesee

Geneseo

Finger Lakes

Onondaga

Cayuga County

Upstate Medical University

Environmental Science & Forestry

Morrisville

SUNY Polytechnic Institute

Herkimer County

Mohawk Valley

Cobleskill

Fulton-Montgomery

Schenectady County

Hudson Valley

Adirondack

Empire State\*

Cortland

Tompkins Cortland

Oneonta

Delhi

Sullivan County

Ulster County

Columbia-Greene

Fredonia

Alfred State

Jamestown

Corning

Binghamton

Alfred University  
Ceramics

Cornell University  
Agriculture & Life Sciences  
Human Ecology  
Industrial & Labor Relations  
Veterinary Medicine

Orange County

New Paltz

Dutchess

Rockland

Westchester

Stony Brook

Maritime College  
Optometry

Purchase

Old Westbury

Suffolk County

Fashion Institute  
of Technology

Nassau

Farmingdale State

Downstate Health  
Sciences University