

INVITATION TO BID

State of Ohio
Department of Administrative Services
General Services Division
Office of Procurement Services

The Original Signed Bid must be submitted to the Office of Procurement Services to receive consideration for award.		BIDDER NAME	
BID NUMBER <u>OT906814</u>	OPENING DATE (1:00 p.m.) <u>April 2, 2014</u>	STREET ADDRESS <input type="checkbox"/> Check if remit address is different and list on separate sheet	
General Services Division Office of Procurement Services 4200 Surface Road Columbus, OH 43228-1395 Attn: Bid Desk		CITY	STATE ZIP
		COUNTY	MBE/EDGE CERTIFICATE NUMBER
		TELEPHONE NO. ()	TOLL FREE NO. 1 - ()
		CONTACT PERSON	FAX NO. ()
REQ./INDEX NO. OPI023	BID NOTICE DATE 03/14/14	CONTRACTOR'S E-MAIL ADDRESS	

SELECT YOUR PREFERRED METHOD OF RECEIVING PURCHASE ORDERS AND ENTER THE E-MAIL OR FAX NUMBER INFORMATION (ONLY SELECT ONE METHOD)

E-Mail Fax

In addition to the standard terms for payment, the payment terms for state agency(ies) will be 2%, 10 Days, Net 30 Days unless otherwise stated in the following space. If no discount is offered, bidder should circle "Net 30 Days". _____%, _____ Days, Net 30 Days

PARTICIPATING AGENCY(IES): DEPARTMENT OF REHABILITATION & CORRECTIONS, OHIO PENAL INDUSTRIES, CHILLICOTHE CORRECTIONAL INSTITUTION, 15802 STATE ROUTE 104 NORTH, CHILLICOTHE, OH 45601

THE DEPARTMENT OF ADMINISTRATIVE SERVICES, OFFICE OF PROCUREMENT SERVICES, IS SOLICITING BIDS FOR:

Mattress Cores & Materials, Topper Pads, Pillow Bats, BacterioStatic/Antistatic

TERM OF CONTRACT: This Invitation to Bid is to establish a requirements contract to procure the described supplies or services on behalf of the above participating agency(ies). The agency(ies) may place orders against the Contract beginning 05/01/2014 or upon the date when DAS signs the Contract, whichever is later in time. The Contract will expire 04/31/2017 unless DAS terminates the Contract based upon reasons set forth in Article I-C of the Standard Contract Terms and Conditions. No agencies may place purchase orders against the Contract beyond the expiration date unless DAS renews the Contract by amendment. The Contractor may begin performance under the Contract only upon receipt of a valid order from a participating state agency.

INSTRUCTIONS TO BIDDERS AND CONTRACT TERMS AND CONDITIONS, Revised 10/2013, are a part of this Invitation to Bid. Copies may be downloaded by clicking on this link: [Instructions: Terms and Conditions for Bidding, Standard Contract Terms and Conditions, and Supplemental Contract Terms and Conditions](#). All prior versions of Instructions to Bidders, Contract Terms and Conditions are null and void.

By submitting this Invitation to Bid, the Contractor certifies that Contractor has truthfully disclosed the location(s) where all services are to be performed; the location(s) where all applicable State contract data is to be maintained or made available; and the principal location of business for the Contractor and all subcontractors. The Contractor further certifies and acknowledges that Contractor will not change the country of the location(s) where services are performed and will not change the country of the location(s) where data is maintained or made available without prior written consent of the State.

Any questions or clarifications regarding this Invitation to Bid should be directed to the Office of Procurement Services through the Internet at www.procure.ohio.gov/ All questions should be submitted a minimum of two (2) working days prior to the bid opening date.

PRINTED/TYPED SIGNATURE	AUTHORIZED SIGNATURE (ORIGINAL SIGNATURE ONLY) (Please sign in blue ink)	DATE
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The ORIGINAL signed Bid must be submitted to the Office of Procurement Services by 1:00 o'clock p.m., on the above listed opening date to receive consideration for award. It is requested that the Bidder NOT sign their bid in BLACK ink. BIDDER CERTIFIES, by signature affixed to its bid, that the information provided by it in its bid including the certified statements, is accurate and complete. Bidder declares to have read and understood and agrees to be bound by all of the instructions, terms, conditions and specifications of this Invitation to Bid and agrees to fulfill the requirements of any awarded contract at the prices bid.

SPECIAL CONTRACT TERMS AND CONDITIONS

DELIVERY AND ACCEPTANCE: Supplies will be delivered to the participating agency within thirty (30) days after receipt of order and, in accordance with paragraphs S-8, S-9, and S-10 of the SUPPLEMENTAL CONTRACT TERMS AND CONDITIONS. The delivery location will be noted on the purchase order issued by the participating agency. Acceptance (transfer of title) will occur upon the inspection and written confirmation by the ordering agency that the supplies delivered conform to the requirements set forth in the Contract. Unless otherwise provided in the Contract, acceptance shall be conclusive except as regards to latent defects, fraud, or such gross mistakes as amount to fraud.

OPI – Chillicothe Correctional Institution
15802 State Route 104 North
Chillicothe, OH 45601
Contact Person: Rick Francis, Mattress Factory – (740) 774-7080 x 2440
Delivery: 7:30 a.m. to 10:00 am and 11:30 am to 2:30 pm. No deliveries shall be made Fridays or on State holidays.

If there are problems concerning delivery, contact the OPI Business Administrator at 1221 McKinley Avenue Columbus, OH 43222, (614) 752-0287, Fax (614) 752-0491.

AMENDMENTS TO CONTRACT TERMS AND CONDITIONS: The following Amendments to the Contract Terms and Conditions do hereby become a part hereof. In the event that an amendment conflicts with the Contract Terms and Conditions, the Amendment will prevail.

BID CONFERENCE: A bid conference will be held on 03/20/2014 at Department of Administrative Services, 4200 Surface Rd., Columbus, OH 43228 to discuss the requirements of the bid. The conference will commence promptly at 10:00 AM, barring an unforeseen circumstance that results in a delay of the conference. Attendance will be taken. The state will not be responsible to a bidder for their failure to obtain information discussed during the bid conference due to their failure to attend and/or arriving after the conference has convened.

Please contact Meredith Stang by 03/19/2014 at 614-466-5108 during regular business hours to make arrangements for authorization to enter the facility.

DESCRIPTIVE LITERATURE: The Bidder shall submit descriptive literature of the supplies or services being offered as part of their bid submission. The literature will be used in the evaluation process to determine the lowest responsive and responsible bidder. Any references, that may appear in the descriptive literature, that may alter the terms and conditions and specifications of the bid (e.g. F.O.B. Shipping Point or Prices Subject to Change), will not be part of any contract and will be disregarded by the state of Ohio. Failure of the bidder to furnish descriptive literature as part of their bid response will deem the bidder not responsive.

PRODUCT SAMPLES: The bidder shall submit samples of the supplies being offered as part of the bid response. The samples will be used in the evaluation process to determine the lowest responsive and responsible bidder. Failure to provide the samples with the bid response will result in the bidder being deemed not responsive. After award of the contract, the samples will be used as a basis of comparison with actual product delivered under contract. Any variation between the samples and product being delivered will be considered as an event of default. Any variations between the samples and actual product being delivered that are due to manufacturer changes may be acceptable and shall require prior written approval from DAS.

EVALUATION: Bids will be evaluated in accordance with Article I-17 of the "Instructions to Bidders". In addition, the state will: multiply the unit price by the estimated usage specified in the bid for each line item and add these together to arrive at a total for each category. All products must meet or exceed the specifications and requirements, as indicated herein. Failure to bid all items within the category may result in the bidder being deemed as not responsive and no further consideration given for potential awarding of the contract.

CATEGORY A (page 20) total cost will be determined by the total sum of the PRICE/BOARDFOOT multiplied by the total annual usage, divided by 32,000.

CATEGORY B (page 20) total cost will be determined by multiplying the ESTIMATED ANNUAL USAGE (in rolls) by the quoted PRICE/ROLL for the seven (7) listed size requirements.

CATEGORY C (page 20) total cost will be determined by multiplying the ESTIMATED ANNUAL USAGE (in yards) by the quoted PRICE/YARD for the two (2) listed size requirements.

CATEGORY D (page 21) total cost will be determined by multiplying the ESTIMATED ANNUAL USAGE (in yards) by the quoted PRICE/YARD.

CATEGORY E (page 21) total cost will be determined by multiplying the ESTIMATED ANNUAL USAGE (in yards) by the quoted PRICE/YARD.

SPECIAL CONTRACT TERMS AND CONDITIONS

CATEGORY F (page 21) total cost will be determined by the total sum of the PRICE/BOARDFOOT multiplied by the total annual usage, divided by 32,000.

CATEGORY G (page 21) total cost will be determined by the lowest quote for 300 UNIT MINIMUM ORDER PRICE for the three (3) listed size requirements.

CATEGORY H (page 22) total cost will be determined by multiplying the ESTIMATED ANNUAL USAGE (in yards) by the quoted PRICE/YARD for the four (4) listed size requirements.

CATEGORY I (page 22) total cost will be determined by multiplying the ESTIMATED ANNUAL USAGE (in sheets) by the quoted PRICE/SHEET for the four (4) listed size requirements.

CATEGORY J (page 22) total cost will be determined by the total sum of the PRICE/BOARDFOOT multiplied by the total annual usage, divided by 32,000.

CATEGORY K (page 23) total cost will be determined by multiplying the ESTIMATED ANNUAL USAGE (in Linear Yards/Wts.) by the quoted PRICE/LINEAR YARD/QUART for the six (6) listed size requirements. The OPTIONAL items listed in Category K are for informational purposes only.

Failure to bid all items in a category may result in the Bidder being deemed not responsive.

CONTRACT AWARD: The contract will be awarded by category to the lowest responsive and responsible bidder by low lot total. Low lot total will be determined by multiplying the unit cost by the estimated usage listed in the bid and then adding each of the totals together to arrive at a total for all items. Failure to bid all items in a category may result in the bidder being deemed not responsive.

FIXED-PRICE WITH ECONOMIC ADJUSTMENT: The contract prices(s) will remain firm for the first twelve (12) months duration of the contract. Thereafter, the Contractor may submit a request to increase their price(s) to be effective thirty (30) calendar days after acceptance by DAS. No price adjustment will be permitted prior to the effective date of the increase received by the Contractor from his suppliers, or on purchase orders that are already being processed, or on purchase orders that have been filled and are awaiting shipment. If the Contractor receives orders requiring quarterly delivery, the increase will apply to all deliveries made after the effective date of the price increase.

The price increase must be supported by a general price increase in the cost of the finished supplies, due to increases in the cost of raw materials, labor, freight, Workers' Compensation and/or Unemployment Insurance, etc. Detailed documentation, to include a comparison list of the contract items and proposed price increases, must be submitted to support the requested increase. Supportive documentation should include, but is not limited to: copies of the old and the current price lists or similar documents which indicate the original base cost of the product to the Contractor and the corresponding increase, and/or copies of correspondence sent by the Contractor's supplier on the supplier's letterhead, which contain the above price information and explains the source of the increase in such areas as raw materials, freight, fuel or labor, etc.

Should there be a decrease in the cost of the finished product due to a general decline in the market or some other factor, the Contractor is responsible to notify DAS immediately. The price decrease adjustment will be incorporated into the contract and will be effective on all purchase orders issued after the effective date of the decrease. If the price decrease is a temporary decrease, such should be noted on the invoice. In the event that the temporary decrease is revoked, the contract pricing will be returned to the pricing in effect prior to the temporary decrease. For quarterly deliveries, any decrease will be applied to deliveries made after the effective date of the decrease. Failure to comply with this provision will be considered as a default and will be subject to Provision I.C. "Termination/Suspension" and Provision II. of the "Contract Remedies:" of the "Standard Contract Terms and Conditions".

USAGE REPORTS: Every three (3) months the contractor must submit a report (written or on disk) indicating sales generated by this contract. The report shall list usage by customer, by line item, showing the quantities/dollars generated by this contract. The report shall be forwarded to the Office of Procurement Services, 4200 Surface Road, Columbus, OH 43228-1395, Attn: Meredith Stang.

Bid Automobile Liability Checklist:

Contractor will indicate, by checking the appropriate box(es) below, which mode of transportation will apply to this contract.

- Bidder/Broker ("The Contractor") or their Sub Contractor will make delivery or be performing services using a vehicle that is owned, leased or rented. Provide Certificate of Insurance documenting automobile liability with a Combined Single Limit of \$500,000.00.
- Goods/Services will be delivered via common carrier.

SPECIAL CONTRACT TERMS AND CONDITIONS

No employee or representative of the contractor will have cause to be on state property to make deliveries or to perform services.

DISCLOSURE OF SUBCONTRACTORS / JOINT VENTURES (See Standard Contract Terms and Conditions, Section (roman numeral) V. General Provisions:, Paragraph Q.):

List names of subcontractors who will be performing work under the Contract.

_____	_____
_____	_____
_____	_____

By the signature affixed to Page 1 of this Bid, Bidder hereby certifies that the above information is true and accurate. The Bidder agrees that no changes will be made to this list of subcontractors or locations where work will be performed or data will be stored without prior written approval of DAS. Any attempt by the Bidder/Contractor to change or otherwise alter subcontractors or locations where work will be performed or locations where data will be stored, without prior written approval of DAS, will be deemed as a default. If a default should occur, DAS will seek all legal remedies as set forth in the Terms and Conditions which may include immediate cancellation of the Contract. Failure to complete this page may deem your bid not responsive.

EDGE Certification: The Office of Procurement Services has identified those Contractors who were E.D.G.E. certified at the time of award of the Contract. It is possible that a Contractor's certification status may change during the term of the Contract. Agencies should refer to the Equal Opportunity Division website at <http://www.das.ohio.gov/eod/mbesearch/edgeindex.asp> to verify E.D.G.E. Certification status of the Contractor.

Notice on the Use of Social Security Numbers as Federal Tax Identification Numbers: The Department of Administrative Services (Department) requires vendors and contractors wishing to do business with the State to provide their Federal Taxpayer Identification Number to the Department. The Department does this so that it can perform statutorily required "responsibility" analyses on those vendors and contractors doing business with the State and, under limited circumstances, for tax reporting purposes. If you are a vendor or contractor using your Social Security Number as your Federal Taxpayer Identification Number, please be aware that the information you submit is a public record, and the Department may be compelled by Ohio law to release Federal Taxpayer Identification Numbers as a public record. If you do not want to have your Social Security Number potentially disclosed as a Federal Taxpayer Identification Number, the Department encourages you to use a separate Employer Identification Number (EIN) obtained from the United States Internal Revenue Service's to serve as your Federal Taxpayer Identification Number.

SPECIFICATION QUESTIONS: Through the indicated inquiry closure date, Bidders may visit the State Purchasing website to post bid related questions at <procure.ohio.gov>. Answers to all Bidder questions will be posted on the State Purchasing website and linked to the bid number. The State will make every effort to respond to website inquires within forty-eight (48) hours of receipt. The State will not respond to any verbal or written questions received through any other medium. No prospective Bidder shall respond to any verbal instructions or changes to this bid. Only communications issued by the Department of Administrative Services, State Purchasing in the form of an addendum, will be considered valid.

AUTHORIZED DISTRIBUTOR OR MANUFACTURERS REPRESENTATIVE: Bidders responding to this ITB must be authorized distributors, manufacturers or representatives of manufacturers of the items bid. Bidders may be required to submit proof of the above. If requested, Bidders will have seven (7) calendar days to provide proof of the relationship. If requested Bidders shall submit certification attesting that they are the manufacturer or an authorized dealer, mill representative or broker of the products being bid. This certification must be on the manufacturer's letterhead, signed by a duly authorized employee of the manufacturer.

SPECIFICATIONS

I. SCOPE AND CLASSIFICATION

- A. The purpose of this bid is to obtain contractors to provide supplies and materials including thermally bonded polyester fiber cushioning to be used in the manufacture of mattresses and pillows for institutions at the Ohio Penal Industries (OPI), Chillicothe Correctional Institution, 15802 State Route 104 North, Chillicothe, OH 45601.

OPI also requires various items for use in the fabrication process of industrial / health mattresses. The fabric shall be equivalent to polyester reinforced polyvinyl chloride plastic fabric laminated on both sides with a plasticized vinyl chloride polymer coating; pigmented so as to meet the requirements of the specification. The coating shall be free of objectionable odors; free from ingredients, which may have an irritating effect on the skin, or are known to be toxic. The fabric shall be compatible with cellular flexible cushioning foam, thermally bonded polyester and/or boric acid treated cotton batting. The fabric shall not suffer cracks or show damaging effects under typical institutional use and cleaning for a minimum of two (2) years.

- B. Classification of items included in this contract:

- A) Cellular Flexible Cushioning
- B) Bonded Polyester
- C) Border Foam
- D) Gray Typar
- E) Permalator
- F) 6 Inch Foam Mattress Core
- G) Innerspring Mattress
- H) Clear Vinyl Protective Fabric
- I) Urethane Foam Sheets
- J) Thermally Bonded Polyester Fiber Cushioning
- K) Hospital Fabric and Adhesive

II. APPLICABLE DOCUMENTS

The following documents, in whole or in part, shall apply to both the flammability and physical characteristics specified within this document:

1. ASTM-E3675; Standard Test Method for Surface Flammability of Flexible Cellular Materials Using a Radiant Heat Energy Source.
2. ASTM-E662 Test Method for Specific Optical Density of Smoke Generated by Solid Materials.
3. ASTM D3574; Methods of Testing Flexible Cellular Materials Slab, Bonded and Molded Urethane Foams.
4. ASTM D1354; Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter.
5. ASTM D1055; Specification for Flexible Cellular Materials Latex Foam.
6. California Technical Bulletin #117; Requirements, Test Procedure and Apparatus for Testing the Flame Retardance of Resilient Filling Materials Used in Upholstered Furniture.
7. California Technical Bulletin #121; Flammability Test Procedure for Mattresses for Use in High Risk Occupancies.
8. California Technical Bulletin #129; Flammability Test Procedure for Mattresses for Use in Public Buildings.
9. California Technical Bulletin # 603; Open-Flame Standard for Mattresses.
10. ASTM D751 Standard Test Methods for Coated Fabrics
11. ASTM D6413 Standard Test Methods for Flame Resistance of Textiles
12. ASTM D5034 Standard Test Methods for Breaking Strength and Elongation of Textile Fabrics
13. ASTM D2261 Standard Test Methods for Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure

SPECIFICATIONS (continued)

14. ASTM D3776 Standard Test Methods for Mass Per Unit Area (Weight) of Fabric

III. REQUIREMENTS

A. Cellular Flexible Cushioning

1. **Materials:** The material shall be polychloroprene cellular flexible cushioning, suitable for intended use, processed to meet or exceed all of the flammability and physical characteristics stated herein. The materials shall contain no normal or reclaimed rubber.
2. **Construction:** The material shall have a homogeneous cellular structure with a porous surface, open cells, and flat surface. The cells shall be interconnecting and uniform in size. The form of the material shall be sheets or molded shape.
3. **Finish:** The surface of the material shall be finished in accordance with the standard to the industry.

4. **Physical Characteristics:** The material shall comply with the following properties:

Density	ASTM-D3574-95 Test A	5.0 to 5.5/cu. ft. maximum
Indentation	ASTM-D3574-95 measured @ 3" thickness Test B ₁	Medium 40 ± 5 lbs.
Compression Set	ASTM-D3574-95 50% constant deflection - Percent of Original thickness Test D	10% maximum
Tensile	ASTM-D3574-95 Test E	8 Lbs./Sq. In. Minimum
Elongation	ASTM-D3574-95 Test E	150% Minimum
Flex Fatigue	ASTM-D1055-97	
Thickness Loss	ASTM-D1055-97 Calculated Per Percent of Original thickness	5% Maximum
Indentation	Measure IFD per ASTM D3574-95 after 1 hour rest - compare to original	35% Maximum
Tear Strength	ASTM-D3574-95 Test F	2.0 lbs./in. Minimum
Resiliency	ASTM-D3574-95 Test H	30% Minimum
Fungal	ASTM G-21	No Growth

5. **Odor:** The material shall be properly cured in order to prevent any objectionable odor. It shall be given an adequate airing by a moving current of air so as to completely remove all volatile matter.

SPECIFICATIONS (continued)

6. Flame-resistance: The material shall comply with all of the following flammability characteristics:

Radiant Panel	ASTM D3574-95	Maximum flame spread Index-5 No melting or dripping
NBS Smoke Chamber	ASTM E662-94 Flaming & Non-Flaming 1" sample	Ds90 sec: 100 max. Ds4 min: 175 max. Dmax: 200 max.
Rate of Heat Release	ASTM E1354-94 a) Radiant Flux 35 kW/m2 b) Horizontal Mode (2" Sample)	Heat Release Rate 75 kW/m2 maximum Heat Release at 3 minutes 25 kW/m2 maximum
Mattress Insert Test Michigan Roll (Insert Only)	ASTM F1085 Annex A3	7% Maximum weight loss No generation of molten material
Vertical Burn Test	California 117	Pass
Other Tests	California 121 California 129 16 ER 1633	Pass Pass Pass

7. Workmanship: The product shall be of uniform texture and shall be free from any obvious manufacturing imperfections which may impair its serviceability.

8. Sizing:

- a. The core and topper pads shall be made in the following sizes:
 - i. 28.5" x 12" x 2.5" (Headrest Pillow)
 - ii. 28.5" x 73" x 3"
 - iii. 28.5" x 73" x 4"
 - iv. 28.5" x 77" x 3"
 - v. 28.5" x 77" x 4"
 - vi. 34" x 12" x 2.5" (Headrest Pillow)
 - vii. 34" x 73" x 3"
 - viii. 34" x 73" x 4"
 - ix. 34" x 77" x 3"
 - x. 34" x 77" x 4"
 - xi. 38" x 83" x 1" (Topper Pads)

9. All products shall carry a 5-Year Manufacturer's Warranty.

10. Quality verification through inspection and test procedures for cellular flexible cushioning

- a. Sampling: When requested, one sample, 15" x 15" x 4", shall be made available to State Purchasing for visual inspection and approval prior to laboratory testing. Samples of other dimensions may also be required for testing purposes.

11. All products shall carry a 5-Year Manufacturer's Warranty.

12. Quality verification through inspection and test procedures for cellular flexible cushioning

- a. Sampling: When requested, one sample, 15" x 15" x 4", shall be made available to State Purchasing for visual inspection and approval prior to laboratory testing. Samples of other dimensions may also be required for testing purposes.

SPECIFICATIONS (continued)

13. Preparation for delivery
 - a. Packaging: Shall be standard to the industry.
 - b. Packing: Cores and topper pads shall be wrapped in Kraft paper, poly bag, or any other strong wrapping material so that no damage can be made to the insert or topper pads.
 - c. Marking: Each package shall indicate the name of the material, size, contractor's name, and the name of the institution/agency.
 14. Notes: Intended Use: The inserts and pads required by this specification are intended for the use in high risk mattresses and innerspring construction.
- B. Bonded Polyester
1. Physical Characteristics
 - a. Thickness: 1"
 - b. Width: 30"
 - c. Length: 50' Minimum
 - d. Fiber: 15 Denier
 - e. Staple Length: 3"
 - f. Resin: 25% by weight
 - g. Weight: .75 ounce per square foot (+10% - 7%)
 2. Preparation for Delivery
 - a. Packaging: Rolls shall be wrapped in plastic
- C. Border Foam
1. Physical Characteristics
 - a. Thickness: ¼ inch
 - b. Width: 4 and 6 inches
 - c. Length: Minimum 85 yards length on rolls
 2. Packaging: 3 mil or greater plastic waterproof covering
 3. Workmanship: Must maintain required dimensions
 4. Packaging: 3 mil or greater plastic waterproof covering
- D. Gray Typar
1. Physical Characteristics
 - a. Color: Gray
 - b. Width: 41 Inches
 - c. Length: Approximately 500 linear yards per roll
 - d. Denier Per Filament: 10 +/- 10%
 - e. Weight: 2.0 ounce / square yard, +/- .1 ounce
 - f. Thickness: Approximately 10 mils
 - g. Tensile Strength, MD: Approximately 70 pounds
 - h. Tear Strength, MD: Approximately 13.4 pounds
 2. Workmanship: Shall conform to industrial standards

SPECIFICATIONS (continued)

E. Permalator

1. Physical Characteristics

- a. Must be 34 inches wide by 77 ½ inches long
- b. Must be fabricated from 62 each 20 gauge high carbon steel wires approximately 1 ¼ inch apart which pass through six (6) lengthwise cords
- c. Cords
 - i. The cords are made of (6) strands of twisted paper and have an overall diameter or 5/32" (nominal). They are to be approximately 7" apart.
 - ii. The outer two (2) edge cords must be secured to the wire; the wire must pierce the inner four (4) cords.

F. 6 Inch Foam Mattress Core

1. Physical Characteristics: The material shall be available by standard board feet available in any requested size with the exception of the following sizes: 36" x 80" and 36" x 75" and comply with the following properties:

Density	ASTM-D3574 Test A	5.0 to 5.5/cu. ft. maximum
Indentation	ASTM-D3574 measured @ 3" thickness Test B ₁	Medium 40 ± 5 lbs.
Compression Set	ASTM-D3574 50% constant deflection Percent of Original thickness Test D	10% maximum
Tensile	ASTM-D3574 Test E	8 Lbs./Sq. In. Minimum
Elongation	ASTM-D3574 Test E	150% Minimum
Tear Strength	ASTM-D3574 Test F	2.0 lbs./in. Minimum
Resiliency	ASTM-D3574 Test H	30% Minimum
Fungal and Bacterial Growth	ASTM G-21 & G-22	No Growth

2. Odor: The material shall be properly cured in order to prevent any objectionable odor. It shall be given an adequate airing by a moving current of air so as to completely remove all volatile matter.

SPECIFICATIONS (continued)

3. Flame-resistance: The flammability characteristics for the cushioning shall not be affected by exposure to liquids. The material shall comply with all of the following flammability characteristics:

Radiant Panel	ASTM E162-94 or ASTM D3574-95	Maximum flame spread Index-5 No melting or dripping
NBS Smoke Chamber	ASTM E662-94 Flaming & Non-Flaming 1" sample	Ds90 sec: 100 max. Ds4 min: 175 max. Dmax: 200 max.
Rate of Heat Release (Method A or B)	A. ASTM E906-83	Heat Release Rate
	a) Radiant Flux 3.5 W/cm ²	50 KW m ² maximum
	b) Vertical Mode	Heat Release at 3 minutes
	c) Ignition - 2 pilots	5.0 MJ/m ² maximum
	B. ASTM E1354-94	Heat Release Rate
	a) Radiant Flux 35 kW/m ²	75 kW/m ² maximum
	b) Horizontal Mode (2" Sample)	Heat Release at 3 minutes 25 kW/m ² maximum
Vertical Burn Test	California 117	Pass
Other Tests	California 121	Pass
	California 129	Pass
	California 603	Pass

4. Workmanship: The product shall be of uniform texture and shall be free from any obvious manufacturing imperfections which may impair its serviceability.

G. Innerspring Mattress Unit

1. Units must be available in two (2) sizes: 34 ½ inches wide by 74 ½ (regular length) and 34 ½ inches wide by 78 ½ inches long (long length).
2. Physical Characteristics
 - a. Regular length units are to consist of a minimum of 208 coils
 - b. Long length units are to consist of a minimum or 252 coils
3. Perimeter coils (outside rows) are to be a minimum of 13 gauge and interior coils (middle six (6) rows) are to be a minimum of 13-1/2 gauge.
4. Border rods must extend around the full perimeter of the unit, both top and bottom, and are to be 6 gauge high carbon spring steel.
5. Helical wire must be greater than or equal to 17 ½ gauge
6. The complete spring units must be heat treated *after assembly to relieve stress.
7. All coils must be Bonnell type and are to have no fewer than three (3) turn/convolutions (five counting top and bottom).
8. Coil height must be five (5) inches +/- ¼"
9. Coil wire must be high carbon spring steel, hard drawn American Steel grade or equal with tensile strength specifications of 205,000 p.s.i. minimum and 275,000 p.s.i. maximum

SPECIFICATIONS (continued)

10. Innerspring units must be compressed and crated so as to meet all safety requirements in bundles of 20 units.

H. Clear Vinyl Protective Fabric

Gauge	12	14	16	20
Softness-(PHR)	42	45	45	45
Tensile Strength-(PSI)	2980	2700	2700	2400
Elongation-(%)	240	240	240	260
Tear Strength-LB/IN	34	34	34	32
U.V. Rating (HOUR)	200	200	200	200
Cold Crack	+0	+0	+0	+0

Sizes: Interlvd 5" x 56" 35lbs
 Interlvd 7" x 57" 105lbs

I. Urethane Foam Sheets

1. Physical Characteristics

- a. The material shall comply with the following characteristics:
 - i. American Society for Testing and Materials (ASTM) Standards: D 3574 - Flexible cellular materials – slab, bonded, and molded urethane foams.
- b. Type: The urethane foam is to be furnished in the following type as specified: Type II - Conventional, combustion - modified.
- c. Class: Urethane foam is to be furnished in the following class as specified: Class 5 - Extra firm.
- d. Dimensions and Thickness: Dimensions and thickness are to be as specified in the Invitation to Bid.
- e. Material: Urethane foam is to be made from polyhydroxy compounds, isocyanates, and water reacted together to form an expanded flexible open cell product. Auxiliary expanding agents such as halogenated hydrocarbons will be acceptable.
- f. Filler: Filler is to consist of inert mineral powders such as calcium carbonate, barium sulfate, zirconium silicate, or alumina trihydrate.
- g. Tolerances: Tolerances on thickness, length, and width are to be as specified:

<u>THICKNESS</u>	<u>TOLERANCES</u>
1/4" to 1-1/2"	± 1/16"
1-1/2" to 3"	± 1/8"
3" to 5"	± 3/16"

h. Length and Width

- i. LENGTH ± 1/2"
- ii. WIDTH ± 1/2"
- iii. DENSITY: The urethane polymer density of all foams is to be determined according to III B.1 and is to be as specified as follows:

SPECIFICATIONS (continued)

TYPE II - CLASS 5 EXTRA FIRM
 MINIMUM DENSITY OF URETHANE FOAM

Kg/CU M	Lbs./Cu. Ft.
25.6	1.6

- i. Tensile Strength and Elongation: The tensile strength and elongation is to be determined according to IV B.2 and is to be as specified as follows:
 - i. Additives are designed to lessen combustibility of foams; they do not prevent foams from burning.

TYPE II

Tensile Strength, Minimum Kilopascal (K Pa)	83
Lbs./Sq. In., Minimum	12
Elongation, Minimum Percent	120

- j. Force Deflection
 - i. Indentation - Deflection: When tested as specified in IV B.3, the indentation force deflection (IFD) is to fall within the below range designation. IFD values are based on a 380 x 380 x 102 – MM (15 x 15 x 4 in.) sample.

Force Deflection (indentation-deflection)

<u>IFD (25 Percent of deflection)</u>				<u>IFD (65 Percent)</u>
<u>Type</u>	<u>Class</u>	<u>Lbs/50 sq. in.</u>	<u>N/323 sq. cm.</u>	
II	5	40-50	178-222	

Measured 25 percent IFD times support factor specified in III E.2 gives minimum values.

- iii. Support Factor: The support factor is the ratio of 65 percent IFD to 25 percent IFD and is to be as follows:

TYPE II	1.8 Minimum
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- k. Constant Deflection Compression Set (75 Percent Deflection): The constant deflection compression set is to be a maximum of 15 percent (based on the original thickness, C_t) for all types when tested as specified in IV B4.
- l. Steam Autoclave Effects: The material is to be exposed in a steam autoclave. Exposed material is to conform to the following requirements when tested as specified IV B5.

Force deflection change:	20 percent maximum
Constant deflection compression set:	15 percent maximum
- m. Fatigue Test: When tested as specified in IV B6, the material is to meet the following requirements for Type II.
- n. Thickness Loss: 5 Percent Maximum Force Deflection Loss 35% percent Maximum

- 3. Workmanship: Urethane foam is to be uniform in mechanical properties. The finished product is to be free of non-expanded resin and is to show no defects which may affect its serviceability.
- 4. Quality Verification through inspection and test procedures

SPECIFICATIONS (continued)

- a. Sampling: Random slabs of urethane of the thickness, width and length normally supplied by the manufacturer to satisfy orders is to be furnished to the Office of State Purchasing upon request.
 - b. Testing of End Item:
 - i. Density: Apparent density is to be measured according to ASTM D 3574, Test A.
 - ii. Tensile Strength and Elongation: Tensile strength and elongation is to be tested according to ASTM D 3574, Test E.
 - iii. Force Deflection: The indentation force deflection (IFD) is to be measured according to ASTM D 3574, Test B1.
 - iv. Constant Deflection Compression Set: The constant deflection compression set is to be measured according to ASTM D 3574. Test D.
 - v. Steam Autoclave Test: Material is to be tested according to ASTM D 3574, Test J.
 - vi. Fatigue Test: Material is to be tested according to ASTM D 3574, Test I1.
 - vii. Standard Conditioning: Samples for testing are to be conditioned according to ASTM D 3574.
 5. Preparation For Delivery: Urethane foam is to be packed in commercial containers to insure safe delivery at destination.
 6. Intended Use: Urethane foam supplied according to this specification is intended for use in general seating applications.
 - a. Combustibility: Urethane foams are to meet the specified requirements of California Technical Bulletin 133; Requirements, California Technical Bulletin 117, Test Procedure and Apparatus for Testing the Flame Retardance of Resilient Filling Materials Used in Upholstered Furniture.
 - b. Ordering Data: The purchaser should specify the quantity and sizes desired.
- J. Thermally Bonded Polyester Fiber Cushioning
1. Material
 - a. The material should consist of thermally bonded 100% Polyester polymer fiber suitable for intended use, and processed to meet or exceed all of the flammability requirements and physical characteristic requirements stated herein.
 - b. The material is to contain no glues, resins, adhesives, fillers, additives or other chemicals.
 - c. The core is to be one-piece without splicing or lamination.
 2. Environmental Requirements:
 - a. Be produced using new, unused currently standard product (raw material).
 - b. Be odor free.
 - c. Be hypoallergenic.
 - d. Not contain volatile organic compounds (VOC'S).
 3. Packaging and Labeling: Packaging is to be standard to the industry.
 - a. Cores are to be wrapped in poly bag or any other strong wrapping material so that no damage or contamination can be made to the insert.

SPECIFICATIONS (continued)

- b. Labeling: Each package is to indicate the name of the material, size, contractor's name, and the name of the institution/agency
4. Physical Characteristics: The fill is to be batting and meet the following minimum requirements:
 - a. California Technical Bulletin #117
 - b. California Technical Bulletin #121
 - c. California Technical Bulletin #129
 - d. Density/Weight: Two (2) ounces per square foot
 5. Industries Standards: Unspecified details herein are to be in accordance with the acceptable standard commercial and industry practices for products of this type.
 6. Mattress Core
 - a. Sizes:
 - i. 28.5" wide x 73" long x 4.5" thick (+/- 1/4" tolerance on width and length, +/- 1/4" tolerance on thickness)
 - ii. 28.5" wide x 77" long x 4.5" thick (+/- 1/4" tolerance on width and length, +/- 1/4" tolerance on thickness)
 - iii. 30" wide x 72" long x 4.5" thick (+/- 1/4" tolerance on width and length, +/- 1/4" tolerance on thickness)
 - iv. 34.5" wide x 73" long x 4.5" thick (+/- 1/4" tolerance on width and length, +/- 1/4" tolerance on thickness)
 - v. 34.5" wide x 77" long x 4.5" thick (+/- 1/4" tolerance on width and length, +/- 1/4" tolerance on thickness)
 - vi. Miscellaneous other sizes (+/- 1/4" tolerance on width and length, +/- 1/4" tolerance on thickness)
 - b. Physical Requirements
 - i. The material (mattress core and pillow fill) should consist of thermally bonded 100% Polyester polymer fiber suitable for intended use, and processed to meet or exceed all of the flammability requirements and physical characteristic requirements stated herein.
 - ii. The material is to contain no glues, resins, adhesives, fillers, additives or other chemicals.
 - iii. The cores required by these specifications are intended for the use in the construction of mattresses for high risk and public occupancy applications.
 - iv. Density/Weight: Total minimum square foot weight of ten (10) ounces.
 - v. Core must retain its original shape in the area of body weight with minimum thickness loss. Unspecified details herein are to be in accordance with the acceptable standard commercial and industry practices for products of this type.
 - c. Construction: The mattress cores are to be composed of low melt polyester/polyester sheath core binder fiber. No more than 50% recycled material is acceptable.
 - i. The surface of the mattress core must be flat and uniform, without imperfections adversely impacting appearance, function or durability.
 - ii. The core is to be one-piece without splicing or lamination.

SPECIFICATIONS (continued)

- iii. Flammability: All mattress cores shall meet the standards of California Technical Bulletin #117.
- d. Unit of measure (U/M):
 - i. The unit of measure for mattress cores when a specific size is listed in the bid is to be each. The unit of measure for mattress cores in the category of "Other Sizes" is to be mattress board feet.
 - ii. Pricing for "Other Sizes" (per mattress board foot) shall be determined as follows:
 Width (inches) x Length (inches) x Thickness (inches) ÷ 144 = mattress board feet (bf)
 - 1. 144 cubic inches = 1 mattress board foot (bf)
 - a. EXAMPLE: 24" x 77" x 4.5" = 8316" ÷ 144 = 57.75 bf

K. Hospital Fabric and Adhesive

1. Clear Mattress Vinyl

- a. Physical Characteristics: The material shall comply with the following properties:

EPA Registration #'s	2829 -143	Free of Heavy Metals and Arsenicals
Base Fabric	6 x 6 1000D Polyester Scrim	
Anti-Fungal Inhibition	ASTCC Method 30	> 1 mm Inhibition
Bacterial Resistance		
Activity Reduction %		
Staph Aureus (Gram +)	AATCC Method 147	> 1 mm Inhibition
Kleb. Pneumoniae (Gram -)		> 1 mm Inhibition
Flame Resistance	Fed. Std. 191 NFPA 701 Cal. Tech Bulletin 117	Afterflame W – 0.4 , F – 0.8 Char Length W – 4.3 , F – 4.4 PASS PASS
Cigarette Ignition	16 CFR, Part 1632 & Class A Barrier	
Liquid Penetration, psi	Fed. Std. 191 5512	F-220 R-220
Adhesion lbs/2"	Fed. Std. 191 5970	32
Tear Strength	Fed. Std. 191 5134	W – 70 F - 60
Breaking Strength	Fed. Std. 191 5100	W – 135 F – 132
Surface Resistivity	NFPA 99, Para 3-3.6.2.7	Anti-Static
Primary Skin Irritation	Draize Dermal	Non-Allergenic
Foam Capability		Less Than 3% Weight Loss
Weight (oz./sq/yd)	Fed. Std. 191 Method 5041	11.0 oz

SPECIFICATIONS (continued)

- b. Material
 - i. 11 oz Heavy duty glass clear correctional fabric
 - 1. Clear fabric to make concealing contraband and weapons difficult to impossible
 - 2. Increases safety and security to staff and inmate population
 - ii. Compatible with HR and polychloroprene foam that will not crack or prematurely degrade
 - iii. Constructed with high tenacity polyester reinforcement fabric
 - iv. Material should be extremely strong and resistant
 - v. Bacterial and Fungal resistant
 - vi. Fluid proof
 - vii. Easy to clean
 - viii. Malodor Protection
 - c. Sizing: Clear vinyl Protective Fabric should be available in 54" W rolls and 39.5" rolls.
2. Testing Methods:
- a. ASTM D751 Standard Test Methods for Coated Fabrics
 - b. ASTM D6413 Standard Test Methods for Flame Resistance of Textiles
 - c. ASTM D5034 Standard Test Methods for Breaking Strength and Elongation of Textile Fabrics
 - d. ASTM D2261 Standard Test Methods for Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure
 - e. ASTM D2261 Standard Test Methods for Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure
 - f. ASTM D3776 Standard Test Methods for Mass Per Unit Area (Weight) of Fabric
3. Color and Finish
- a. The color shall be permanent, non-fading and non-bleeding.
 - b. The color of the fabric shall be fawn and/or blue for the 14oz (+/- 1 oz tolerance) fabric and 11.5 -12 oz for pillows.
 - c. The exterior (exposed) surface of the fabric should have a non-skid plain weave finish to minimize patient, mattress or bed linen slippage.
4. Packaging and Marking: Material shall be furnished in rolls on a skid, shrink wrapped, and packed in accordance with good commercial practice. Each roll wrapper shall be marked with the name of the manufacturer and their identifying stock or serial number.
5. Lengths and Widths: Rolls shall contain approximately 100 yards of fabric as specified on the order, with no more than two (2) lengths (pieces) per roll, with no length (piece) less than seven (7) yards. The overall width of the trimmed, finished material shall be as specified in bid (allowable tolerance plus 2", minus 0").
6. Flame-resistance: To minimize fire hazard, the fabric shall be flame resistant and shall be tested to ASTM D6413 and shall meet all federal requirements on flame retardancy.

SPECIFICATIONS (continued)

7. Antimicrobial Activity and Patient Exposure:
 - a. The fabric shall be resistant to antimicrobial activity and resistant to organisms that degrade, stain, or leave orders.
 - b. The fabric shall be hypoallergenic and free of toxic reactions or irritation to patient exposure.
 - c. The fabric shall meet all federal requirements on antimicrobial activity and patient exposure.
8. Electrostatic Charge Dissipation: Antistatic hospital fabrics shall be capable of preventing the accumulation or dangerous amounts of static electrical charges. It shall prevent build up or retention of dangerous electrostatic charges. It must be an integral part of the fabric which cannot be worn away.
9. Staining and Penetration Resistance:
 - a. Alcohol Resistance and Oil Resistance
 - i. The fabric shall be alcohol resistant and there shall be no discoloration or other adverse effects when tested.
 - ii. The fabric shall be oil resistant and wash off with a cloth or sponge using soap and water. There shall be no staining, discoloration or penetration and the tear strength shall not be significantly changed.
10. Crease Resistance: The fabric shall be crease resistant when folded and refolded repeatedly. There shall be no sign of cracking or flaking.
11. Base Cloth: The base cloth shall be made of woven polyester scrim. The size of yarn and construction of the cloth shall be that necessary to provide overall coated weight and to conform to the other physical properties.
12. Coating Material: Coating material, outer covering, shall be as described in I (Scope). Coating shall be resistant to staining from various hospital medicants, excreta and soil. Material shall be cleanable with mild soap and water, leaving a clean, unbleached surface after washing.
13. Fabrication: Material furnished shall be capable of being sewn and cemented and shall be capable of being patched, seamed, or similarly repaired with a cement to be specified by the awarded contractor.
14. Water Proofness: The fabric shall be liquid penetration resistance, waterproofness, and hydrostatic tested to ASTM D751.
15. Fabric Pliability: To assure patients' comfort the fabric shall have excellent pliability, softness of hand and conform to industry standards.
16. Suitability for Intended Purpose
 - a. Intended to be used to manufacture industrial / health mattresses. The mattress material must meet or exceed these specifications and the intended purpose. If the material should fail to meet their intended purpose they may be subject to the following tests:
 - i. ASTM D751 Standard Test Methods for Coated Fabrics
 - ii. ASTM D6413 Standard Test Methods for Flame Resistance of Textiles
 - iii. ASTM D5034 Standard Test Methods for Breaking Strength and Elongation of Textile Fabrics
 - iv. ASTM D2261 Standard Test Methods for Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure
 - v. ASTM D3776 Standard Test Methods for Mass Per Unit Area (Weight) of Fabric

SPECIFICATIONS (continued)

17. Certification: The awarded Contractor may be required to submit laboratory test report(s) from an Independent Certified Laboratory showing the test results of the supplies being offered. The test report(s) will be used to evaluate product being received to assure it complies with the contract requirements. If not included with product shipment(s), the Contractor will be required to provide the test report(s) within thirty (30) calendar days after notification by the ordering agency and / or the Office of Procurement Services to do so. Failure of the Contractor to provide the Independent Certified Laboratory test report(s) within the stated time period may result in the contractor being found in contract default. The cost of the requested test report(s) shall be paid entirely by the awarded Contractor.

PRICE SCHEDULE

Bidders shall not insert a unit cost more than 3 digits after the decimal point. Digit(s) beyond 3, after the decimal point, shall be dropped by the Office of Procurement Services and not be used in evaluation or any subsequent order.

The six (6) digit OPI item numbers are for OPI's use only.

A. Category I: Cellular Flexible Cushioning:

OAKS NUMBER	SIZE	OPI ITEM NUMBER	(A) ESTIMATED BOARD FOOT ANNUAL USAGE	(B) PRICE/BOARD FOOT	(C) TOTAL
9598	28.5" x 12" x 2.5"	100181	30,000	\$	\$
9601	28.5" X 73" X 3"	090181	10,000	\$	\$
3757	28.5" X 73" X 4"	010181	50,000	\$	\$
3760	28.5" X 77" X 3"	080181	165,000	\$	\$
3761	28.5" X 77" X 4"	140181	10,000	\$	\$
9599	34" x 12" x 2.5"	110181	10,000	\$	\$
9602	34" X 73" X 3"	120181	10,000	\$	\$
3758	34" X 73" X 4"	020181	20,000	\$	\$
3762	34" X 77" X 3"	130181	10,000	\$	\$
9600	34" X 77" X 4"	030181	10,000	\$	\$
3759	38" X 83" X 1"	010192	30,000	\$	\$

(A x B) = C

The Sum of column C / 32,000 = Truckload Price

Estimated Truckload is approx. 32,000 Board Feet.

Note – OPI Item #100181 requires 9.18 board feet each and OPI Item #110181 requires 10.95 board feet each.

Truckload shipment may be mixed load of various sizes.

B. Category II: Bonded Polyester:

OAKS NUMBER	SIZE	OPI ITEM NUMBER	ESTIMATED ANNUAL USAGE	MINIMUM ORDER	PRICE/ROLL
18278	1" x 30" x 50ft minimum	010749	80 Rolls	80 Rolls	\$
18278	1" x 30" x 50ft minimum	010749	120 Rolls	120 Rolls	\$

C. Category III: Border Foam:

OAKS NUMBER	SIZE	OPI ITEM NUMBER	ESTIMATED ANNUAL USAGE	MINIMUM ORDER	PRICE/YARD
18279	.25" x 4" x 85 yards minimum	090184	20,000 Yards	15,000 Yards	\$
18280	.25" x 6" x 85 yards minimum	020184	7,500 Yards	5,000 Yards	\$

PRICE SCHEDULE (continued)

D. Category IV: Gray Typar:

OAKS NUMBER	SIZE	OPI ITEM NUMBER	ESTIMATED ANNUAL USAGE	MINIMUM ORDER	PRICE/YARD
18281	41" x 500 yards	010189	2,500 Yards	2,500 Yards	\$

E. Category V: Permalator:

OAKS NUMBER	SIZE	OPI ITEM NUMBER	ESTIMATED ANNUAL USAGE	MINIMUM ORDER	PRICE/YARD
9995	34" x 77.5"	010188	1,000 Yards	300 Each	\$

F. Category VI: 6 Inch Foam Mattress Core:

OAKS NUMBER	SIZE	OPI ITEM NUMBER	(A) ESTIMATED ANNUAL USAGE	(B) PRICE/BOARD FOOT	(C) TOTAL
18282	36" x 75" x 6"	040181	50,000 Board Foot	\$	\$
18283	36" x 80" x 6"	050181	50,000 Board Foot	\$	\$

$(A \times B) = C$

The Sum of column C / 32,000 = Truckload Price

Estimated Truckload is approx. 32,000 Board Feet.

*Truckload will consist of approx. 32,000 Board Feet.

Truckload shipment may be mixed load of various sizes.

G. Category VII: Innerspring Mattress Unit:

OAKS NUMBER	SIZE	OPI ITEM NUMBER	ESTIMATED ANNUAL USAGE	300 EACH (ANY COMBINATION OF ITEMS) MINIMUM ORDER PRICE
5226	34 1/2" x 74 1/2"; 208 Coils	010185	300 Each	\$
9994	34 1/2" x 78 1/2"; 252 Coils	020185	300 Each	\$
	Miscellaneous Sizes		300 Each	\$

Truckload shipment may be mixed load of various sizes.

PRICE SCHEDULE (continued)

H. Category IX: Clear Vinyl Protective Fabric:

OAKS NUMBER	SIZE	OPI ITEM NUMBER	ESTIMATED ANNUAL USAGE	MINIMUM ORDER	PRICE/YARD
22706	54"-56"x40 yards 12 gauge	019234	250 Yards	100 Yards	\$
22707	54"-56"x40 yards 14 gauge	029234	250 Yards	100 Yards	\$
22708	54"-56"x40 yards 16 gauge	039234	250 Yards	100 Yards	\$
22709	54"-56"x40 yards 20 gauge	049234	250 Yards	100 Yards	\$

I. Category IX: Urethane Foam Sheets:

OAKS NUMBER	SIZE	OPI ITEM NUMBER	ESTIMATED ANNUAL USAGE	MINIMUM ORDER	PRICE/SHEET
23316	½"x82"x100"	040184	25 Sheets	10 Sheets	\$
23317	1"x82"x100"	050184	10 Sheets	5 Sheets	\$
23318	2"x82"x100"	060184	10 Sheets	5 Sheets	\$
23319	3"x82"x100"	070184	40 Sheets	20 Sheets	\$

J. Thermally Bonded Polyester Fiber Cushioning

ITEM NUMBER	OPI ITEM NUMBER	ITEM	(A) ESTIMATED ANNUAL USAGE	(B) PRICE/BOARD FOOT	(C) TOTAL
5161	010178	Mattress Core, 28.5" x 73" x 4.5" (+/- ¼" tolerance on width and length, +/- ½" tolerance on thickness)	UNKNOWN	\$	\$
4909	020178	Mattress Core, 28.5" x 77" x 4.5" (+/- ¼" tolerance on width and length, +/- ½" tolerance on thickness)	1200	\$	\$
10016	060178	Mattress Core, 30" x 72" x 4.5" (+/- ¼" tolerance on width and length, +/- ½" tolerance on thickness)	40	\$	\$
9846	030178	Mattress Core, 34.5" x 73" x 4.5" (+/- ¼" tolerance on width and length, +/- ½" tolerance on thickness)	40	\$	\$
9907	040178	Mattress Core, 34.5" x 77" x 4.5" (+/- ¼" tolerance on width and length, +/- ½" tolerance on thickness)	700	\$	\$
9908	N/A	Mattress Core, Other Sizes (+/- ¼" tolerance on width and length, +/- ½" tolerance on thickness)	UNKNOWN	\$	\$

(A x B) = C

The Sum of column C / 32,000 = Truckload Price

Estimated Truckload is approx. 32,000 Board Feet.

Truckload shipment may be mixed load of various sizes.

Note: If estimated usages are unknown a quantity of one (1) will be used for the evaluation

Contains recycled materials – Y/N: _____ If Yes _____%. Will not be part of the evaluation

PRICE SCHEDULE (continued)

K. Hospital Fabric and Adhesive

ITEM NUMBER	DESCRIPTION	ESTIMATED ANNUAL USAGE	MFG. AND BRAND NAME AND COLOR	PRICE PER LINEAR YARD/QTS.
15825	Bacteriostatic Hospital Fabric, 14oz. (+/- 1 oz tolerance) per square yard. 39 1/2" width (+2"/-0" tolerance). Specify 14 oz bid Color: Fawn or equivalent	7,500 LY		\$ /L.Y.
25781	Bacteriostatic Hospital Fabric, 14oz. (+/- 1 oz tolerance) per square yard. 54" width (+2"/-0" tolerance). Specify 14 oz bid Color: Fawn or equivalent	7,500 LY		\$ /L.Y.
15827	Bacteriostatic Hospital Fabric, 14 oz. (+/- 1 oz tolerance) per square yard. 39 1/2" width (+2"/-0" tolerance). Specify 14 oz bid Color: Blue or equivalent	24,000 LY		\$ /L.Y.
25782	Bacteriostatic Hospital Fabric, 14 oz. (+/- 1 oz tolerance) per square yard. 54" width (+2"/-0" tolerance). Specify 14 oz bid Color: Blue or equivalent	UNKNOWN 24,000 LY		\$ /L.Y.
15828	Adhesive compatible to the 14 oz (+/- 1 oz tolerance) vinyl bid	124 QTS		\$ /QT
25783	Clear Mattress Vinyl, 11oz. (+/- 1 oz tolerance) per square yard. 39 1/2" width (+2/-0" tolerance) Specify 11 oz bid. Color: Glass Clear	UNKNOWN		\$ /L.Y.
25784	Clear Mattress Vinyl, 11oz. (+/- 1 oz tolerance) per square yard. 54" width (+2/-0" tolerance) Specify 11 oz bid. Color: Glass Clear	UNKNOWN		\$ /L.Y.
OPTIONAL*				
15830	Bacteriostatic Hospital Fabric, 12 oz – 13oz. (+/- 1 oz tolerance) per square yard. 39 1/2" width (+2"/-0" tolerance). Specify 12 oz bid. Color: All other available colors**	UNKNOWN		\$ /L.Y.
25785	Bacteriostatic Hospital Fabric, 12 oz – 13oz. (+/- 1 oz tolerance) per square yard. 54" width (+2"/-0" tolerance). Specify 12 oz bid. Color: All other available colors**	UNKNOWN		\$ /L.Y.
15828	Adhesive compatible to the, 12-13 oz (+/- 1 oz tolerance) vinyl bid	UNKNOWN		\$ /QT
15831	Bacteriostatic Hospital Fabric, 14 oz. (+/- 1 oz tolerance) per square yard. 39 1/2" width (+2"/-0" tolerance). Specify 14 oz bid Color: All other available colors**	UNKNOWN		\$ /L.Y.
25786	Bacteriostatic Hospital Fabric, 14 oz. (+/- 1 oz tolerance) per square yard. 54" width (+2"/-0" tolerance). Specify 14 oz bid Color: All other available colors**	UNKNOWN		\$ /L.Y.

PRICE SCHEDULE (continued)

*Optional items will not be included in the bid evaluation but may become part of any awarded contract. Bidder shall submit a color chart / list with bid for optional item(s). Failure to do so may deem bid not responsive.

**SPECIFY OPTIONAL COLORS AVAILABLE:

**All other available colors including clear should be bid. Only one price for all other available colors will be accepted.

FABRIC PRODUCT MANUFACTURED BY: _____

FABRIC PLANT LOCATION: _____

ADHESIVE PRODUCT MANUFACTURED BY: _____

ADHESIVE PLANT LOCATION: _____

UNSPSC No.: 11162100 Fabric, 31201600 Adhesive

CONTAINS RECYCLED CONTENT: Y/N _____ IF SO, PERCENT: _____ %