

STATE OF NEW HAMPSHIRE  
DIV OF PLANT & PROPERTY MANAGEMENT  
BUREAU OF PURCHASE & PROPERTY  
STATE HOUSE ANNEX  
CONCORD NH, 03301

August 31, 2016

**NOTICE OF CONTRACT STATE WIDE**  
**EXTENSION/REVISION**

**CONTRACT:** REFLECTIVE & NON-REFLECTIVE SHEETING

**CONTRACT NO.:** 8001455

**COMMODITY CODE#:** 550-4500

**CONTRACTOR:** 3M Company **Vendor#:** 177728 P003  
3M Center, Bldg 235-3A-09  
St. Paul, MN 55144-1000

**CONTACT PERSONS:** **Michael Allen** 401 368-0438 [mdallen@mmm.com](mailto:mdallen@mmm.com)  
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**EFFECTIVE FROM:** November 1, 2013 through August 31, 2016  
**CONTRACT EXTENSION:** September 1, 2016 through August 31, 2018

**TERMS:** NET 30

**DELIVERY TIME:** 10 working days from placement of order

**F.O.B.:** Destination.

**ORDERING:** State agencies shall place their orders direct to Contractor via telephone, fax or e-mail.

**MINIMUM ORDERS:** No minimum order amount.

**CERTIFICATION AND PERFORMANCE REQUIREMENTS:**

Certification: the sheeting manufacturer shall submit with each lot or shipment, a certification stating that the material supplied shall meet all the specifications noted within and all the requirements listed below:

Performance requirements: Type I, II, III, VII, VIII, IX, X including Fluorescent sheeting processed and applied to a sign blank materials in accordance with sheeting manufacturer's recommendations, shall perform as per the following:

80% of value listed in their appropriate ASTM 4956 retro-reflective tables up to 7 years

70% of value listed in their appropriate ASTM 4956 retro-reflective tables up to 10 years

Obligation: where it can be shown that the sheeting supplied and used according to the sheeting manufacturer's recommendations have not met the performance requirements as above. The sheeting manufacturer shall cover restoration/ replacement costs as follows:

7 years: The sheeting manufacturer shall cover the cost of restoring the sign surface to its original effectiveness at no cost to the using agency for materials and labor.

10 years: The sheeting manufacturer shall cover the cost of replacing the sheeting required to restore the sign to its original effectiveness at no cost to the using agency for materials and labor.

**Agency obligation: the using agency shall be responsible for dating all the signs at the time of application of sheeting. That date constitutes the start of the certification and performance requirements.**

**Catalogs/Price Lists:** Contractor shall supply appropriate catalogs and price lists to agencies that request them. The Contractor shall furnish a master price list indicating the manufacturers part number, description, size and price per roll, using the awarded prices

**SECTION A - ASTM D4956 - TYPE I – ENGINEERING GRADE – ENCLOSED LENS GLASS BEAD REFLECTIVE SHEETING**

PRESSURE SENSITIVE ADHESIVE ROLL GOODS

	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
PRESSURE SENSITIVE	\$0.68	3200 Series

MANUFACTURER'S BRAND NAME: 3M Engineer Grade Reflective Sheeting

APPLICATION TAPE

PAPER:	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
	\$0.05	3M SCPS-2/SCPM-3
CLEAR FILM:	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
	\$0.08	3M TPM-5

MANUFACTURER'S BRAND NAME: 3M Application Tapes

**GROUP A NOTE:**

1. WASHERS to protect the sign surface from damage by bolts or other fasteners shall be supplied at no charge.
2. All colors provided under group A shall be at the same price.
3. SCREEN INKS, PROCESS COLORS, TONERS, CLEARS AND SLIP SHEETING SHALL BE SPECIFICALLY FORMULATED FOR USE WITH THOSE SHEETINGS IN GROUP A AND SHALL BE SUPPLIED AT NO CHARGE.

**SECTION C - ASTM D4956- TYPE III –HIGH INTENSITY GRADE –ENCAPSULATED LENS REFLECTIVE SHEETING**

Note: Type III High Intensity Grade Prismatic Sheeting can be used in replacement of Type III High Intensity as long as it meets ASTM D4956 Type III requirements. Contractor shall note if their price is for Type III prismatic sheeting.

**C1: PRESSURE SENSITIVE ADHESIVE ROLL GOODS – RIGID SIGN APPLICATION**

	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
<u>PRESSURE SENSITIVE</u>	\$1.01	3930 Series

MANUFACTURER'S BRAND NAME: 3M High Intensity Prismatic

APPLICATION TAPE

PAPER:	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
	\$0.05	3M SCPS-2/SCPM-3
CLEAR FILM:	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
	\$0.08	3M TPM-5

MANUFACTURER'S BRAND NAME: 3M Application Tapes

**C2: NON-SIGNING APPLICATION, FLEXIBLE TYPE III ENCAPULSATED LENS REFLECTIVE SHEETING FOR REBOUNDABLE PLASTIC TRAFFIC CONTROL DEVICES - STANDARD MFG COLORS**

	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
	\$1.80	3300 Series

MANUFACTURER'S BRAND NAME: 3M Flexible Prismatic Work Zone Sheeting

APPLICATION TAPE

PAPER:	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
	\$0.05	3M SCPS-2/SCPM-3
CLEAR FILM:	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
	\$0.08	3M TPM-5

MANUFACTURER'S BRAND NAME: 3M Application Tapes

**C3:** TYPE III ENCAPSULATED LENS REFLECTIVE SHEETING FOR RIGID SUBSTRATE SIGNS AND BARRICADES IN THE CONSTRUCTION WORK ZONE- STANDARD MFG COLORS

<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
\$1.01	3M 3934
	3M 3334/3336

MANUFACTURER'S BRAND NAME: 3M High Intensity Prismatic #3934  
3M Flexible Prismatic Barricade Sheeting Series 3334/3336

APPLICATION TAPE

PAPER:	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
	\$0.05	3M SCPS-2/SCPM-3
CLEAR FILM:	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
	\$0.08	3M TPM-5

MANUFACTURER'S BRAND NAME: 3M Application Tapes

**GROUP C NOTE:**

WASHERS, (To protect the sign surface from damage by bolts or other fasteners) SCREEN INKS, PROCESS COLORS, TONERS, CLEARS AND SLIP SHEETING SHALL BE SPECIFICALLY FORMULATED FOR USE WITH THOSE SHEETINGS IN GROUP C AND SHALL BE SUPPLIED AT NO CHARGE.

**SECTION D -ASTM D4956 - TYPE IV –HIGH INTENSITY GRADE – MICROPRISMATIC LENS REFLECTIVE SHEETING**

**D1:** PRESSURE SENSITIVE ADHESIVE ROLL GOODS

	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
PRESSURE SENSITIVE	\$1.01	3930 Series

MANUFACTURER'S BRAND NAME: 3M High Intensity Prismatic

**GROUP D NOTE:**

1. WASHERS to protect the sign surface from damage by bolts or other fasteners shall be supplied at no charge.
2. All colors provided under group A shall be at the same price.
3. SCREEN INKS, PROCESS COLORS, TONERS, CLEARS AND SLIP SHEETING SHALL BE SPECIFICALLY FORMULATED FOR USE WITH THOSE SHEETINGS IN GROUP D AND SHALL BE SUPPLIED AT NO CHARGE. – *This may not apply to Traffic but may apply to the prison.*

**SECTION E - SHEETING FOR VEHICLE MARKING**

**E1:** ENCLOSED LENS VEHICLE MARKINGS - REMOVEABLE AND NON-REMOVEABLE

REMOVEABLE:	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
WHITE:	\$1.9235	5100R-10

MANUFACTURER'S BRAND NAME: 3M Scotchlite Reflective Graphic Film, Removable

**GROUP E NOTE:** SCREEN INKS, PROCESS COLORS, TONERS, CLEARS AND SLIP SHEETING SHALL BE SPECIFICALLY FORMULATED FOR USE WITH THOSE SHEETINGS IN GROUP E AND SHALL BE SUPPLIED AT NO CHARGE

**SECTION F - ASTM D4956 - WIDE ANGLE PRISMATIC – TYPE VIII**

**F:** WIDE ANGLE PRISMATIC RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL SIGNS  
- STANDARD MFG COLORS

	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
ALL COLORS (EXCEPT FLUORESCENT)	\$1.98	3940 Series
FLUORESCENT ORANGE	\$1.98	3M 3924S

FLUORESCENT YELLOW	\$1.98	3M 3921
FLUORESCENT YELLOW-GREEN	\$1.98	3M 3923

MANUFACTURER'S BRAND NAME: 3M Prismatic Reflective Sheeting

**GROUP F NOTE:** WASHERS, (To protect the sign surface from damage by bolts or other fasteners) SCREEN INKS, PROCESS COLORS, TONERS, CLEARS AND SLIP SHEETING SHALL BE SPECIFICALLY FORMULATED FOR USE WITH THOSE SHEETINGS IN GROUP F AND SHALL BE SUPPLIED AT NO CHARGE.

**SECTION G - ASTM D4956 - CUBE CORNER MICROPRISMATIC – TYPE IX**

**G:** WIDE ANGLE PRISMATIC RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL SIGNS  
- STANDARD MFG COLORS

	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
ALL COLORS (EXCEPT FLUORESCENT)	\$1.98	3990 Series
FLUORESCENT ORANGE	\$1.98	3M 4084
FLUORESCENT YELLOW	\$1.98	3M 3981
FLUORESCENT YELLOW-GREEN	\$1.98	3M 3983

MANUFACTURER'S BRAND NAME: 3M Diamond Grade Reflective Sheeting

**GROUP G NOTE:** WASHERS, (To protect the sign surface from damage by bolts or other fasteners) SCREEN INKS, PROCESS COLORS, TONERS, CLEARS AND SLIP SHEETING SHALL BE SPECIFICALLY FORMULATED FOR USE WITH THOSE SHEETINGS IN GROUP C AND SHALL BE SUPPLIED AT NO CHARGE. See Group G for not mark-ups

**SECTION H - ASTM D4956 - CUBE CORNER MICROPRISMATIC – TYPE XI**

**H:** WIDE ANGLE PRISMATIC RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL SIGNS  
- STANDARD MFG COLORS

	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
ALL COLORS (EXCEPT FLUORESCENT)	\$2.98	4000 Series
FLUORESCENT ORANGE	\$1.98	3M 4084
FLUORESCENT YELLOW	\$2.98	3M 4081
FLUORESCENT YELLOW-GREEN	\$2.98	3M 4083

MANUFACTURER'S BRAND NAME: 3M Diamond Grade Cubed Reflective Sheeting

**GROUP H NOTE:** WASHERS, (To protect the sign surface from damage by bolts or other fasteners) SCREEN INKS, PROCESS COLORS, TONERS, CLEARS AND SLIP SHEETING SHALL BE SPECIFICALLY FORMULATED FOR USE WITH THOSE SHEETINGS IN GROUP C AND SHALL BE SUPPLIED AT NO CHARGE. See Group H for not mark-ups

**SECTION I - MARKINGS FOR VEHICLE CONSPICUITY AS PER NHTSA AMENDMENT FMVSS#108 (49CFR571) SPECIFICATIONS**

**I1:** WIDE ANGLE PRISMATIC RETROREFLECTIVE SHEETING FOR USE ON VEHICLES

	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
RED AND WHITE	\$2.03	963-32/963-326
WHITE	\$2.03	963-10

MANUFACTURER'S BRAND NAME: 3M Flexible Prismatic Conspicuity

**SECTION K - OVERLAY FILMS FOR USE IN RETROREFLECTIVE SHEETING PER THE ATTACHED SPECIFICATIONS AND NHDOT SPECIFICATION SECTION 718 RETROREFLECTIVE SHEETING.**

	<u>PRICE PER SQ. FT.</u>	<u>MFG. CODE NO.</u>
<b>K1:</b> OVERLAY FILM	\$0.79	1170 Series

MANUFACTURER'S BRAND NAME: 3M Electrocut Film 1170 Series

**Group K: OVERLAY FILMS FOR USE ON RETROREFLECTIVE SHEETING**

**NEW PRODUCT OFFERING**

**ADVANCED ENGINEER GRADE PRISMATIC SERIES 7930 - \$.65/ SQFT**

STANDARD COLOR	PRODUCT NUMBER	SIZES AVAILABLE (IN 50 YD ROLLS ONLY)
WHITE	7930	18", 24", 30", 36", & 48"
YELLOW	7931	24", 30", 36", & 48"
RED	7932	24", 30", 36", & 48"
ORANGE	7934	24", 30", 36", & 48"
BLUE	7935	24", 30", 36", & 48"
GREEN	7937	24", 30", 36", & 48"
BROWN	7939	24", 30", 36", & 48"

1.0 General Characteristics and Packaging.

1.1 Roll Goods. When supplied as roll goods, the Overlay film shall be of good appearance, free from ragged edges, cracks and extraneous materials. The maximum number of splices in each roll shall be three per 50 yards of material. Splices shall be butted. The sheeting shall be packed snugly in corrugated fiberboard cartons, in accordance with commercially accepted standards. Each carton shall clearly stipulate the brand, quantity, size, lot or run number, and color. Stored under normal conditions the Overlay film as furnished shall be suitable for use for a minimum period of one year.

1.2 Sign Faces. When supplied as a finished sign face or mounted sign, the sign face, made of Overlay film and retroreflective sheeting, shall comply with the appearance, specification, and good workmanship designated by the using agency for sign faces constructed of colored retroreflective sheeting of the same type.

2.0 Performance Requirements and Obligations.

2.1 Certification. The film manufacturer shall submit with each lot or shipment, a certification which states that the material supplied shall meet all of the requirements listed herein.

2.2 Field Performance Requirements. The Overlay film applied to retroreflective sheeting, both materials applied in accordance with the manufacturer's recommendations, shall as a composite perform with the same effective performance life as the using agency specifies for that type of colored retroreflective sheeting. The composite sign shall be considered unsatisfactory if it has deteriorated due to natural causes to the extent that: (1) the sign is ineffective for its intended purpose when viewed from a moving vehicle under normal day and night driving conditions; or (2) the coefficient of retroreflection is less than the minimums specified by the using agency for colored retroreflective sheeting.

2.3 Overlay Film Manufacturer's Replacement Obligation. Where it can be shown that retroreflective traffic signs with Overlay film supplied and used according to the film manufacturer's recommendations have not met the performance requirements of Section 2.2, the film manufacturer shall cover restoration costs as provided in the using agency specification for colored retroreflective sheeting.

2.4 Government Using Agency Obligation. The using agency shall be responsible for requiring dating of all signs at the time of application. That date constitutes the start of the field performance obligation period.

3.0 Technical Assistance Requirements

3.1 Instruction and Training. As requested the manufacturer supplying the Overlay film requirement shall provide the services of a qualified technician for instruction and training at the primary sign manufacturing facility designated by the agency. This instruction shall be available on a quarterly basis if needed at no additional cost, and shall include but not be limited to, training films, material application, equipment operation, packaging, storage and other proven sign shop practices as they apply to the Overlay film supplied by the manufacturer, and to assure that the resulting signs can comply with the applicable specifications. Additional on-site technical assistance by the manufacturer supplying the Overlay film shall be provided at each of the sign shops designated in the bid invitation. This assistance shall be provided at least once each quarter of sign production, if required