

Overview for Contract

Prior to utilizing a contract, the user should read the contract in it's entirety.

DESCRIPTION

Pavement Marking Legends provided by awarded vendor must be approved materials for use on Bituminous and Portland Cement Concrete Surfaces, listed in Bulletin 15, and in accordance with Traffic Control Standards TC-8600 or bid will be rejected. Vendors may contact Construction and Materials, Materials Testing Division at 717-783-9673, to obtain a Request For Product Evaluation packet for future bidding opportunities.

CONTRACT INFO

Contract Number & Title	Legacy Contract No. 9905-04 Pavement Markers
Number of Suppliers	3
Validty Period	04/01/2007-03/31/2009
DGS Point of Contact	Sandi Verbos
Contact Phone #	717-346-8188
Email	sverbos@state.pa.us

PRICING HIGHLIGHTS

The contract may be renewed for three (3) additional one (1) year terms by mutual agreement between the Commonwealth and the contractor(s). If the contract is renewed, the same terms and conditions shall apply.

PROCESS TO PURCHASE

Agencies process PO's against the following contracts:
4600011887 Flint Trading
4600011885 3M
4600011886 SWARCO
PennDOT Main User

SPECIAL CONTRACT TERMS AND CONDITIONS

CONTRACT SCOPE/OVERVIEW: This Collective No. CN00024705, Legacy Contract 9905-04 (identified here and in the other documents as the "Contract") will cover the requirements of the Commonwealth Agencies for Pavement Marking Legends.

ORDER OF PRECEDENCE: These Special Contract Terms and Conditions supplement the Standard Contract Terms and Conditions For Statewide Contracts for Supplies. To the extent that these Special Contract Terms and Conditions conflict with the Standard Contract Terms and Conditions For Statewide Contracts for Supplies, these Special Contract Terms and Conditions shall prevail.

TERM OF CONTRACT: The Contract shall commence on the Effective Date no earlier than 04/01/2007 and expire on 03/31/2009.

OPTION TO EXTEND: The Department of General Services reserves the right, upon notice to the Contractor, to extend the Contract or any part of the Contract for up to three (3) months upon the same terms and conditions. This will be utilized to prevent a lapse in Contract coverage and only for the time necessary, up to three (3) months, to enter into a new contract.

OPTION TO RENEW: The contract may be renewed for three (3) additional one (1) year terms by mutual agreement between the Commonwealth and the contractor(s). If the contract is renewed, the same terms and conditions shall apply.

OPTION FOR SEPARATE COMPETITIVE BIDDING PROCEDURE: The Department of General Services reserves the right to purchase supplies covered under this Contract through a separate competitive bidding procedure, whenever the department deems it to be in the best interest of the Commonwealth. The right will generally be exercised only when a specific need for a large quantity of the supply exists or the price offered is significantly lower than the Contract price.

AWARD: This contract is awarded by GROUP, based upon the total quote price for each GROUP. The total quote price is the sum of the extended amounts for each line item. The extended amounts are the line item prices submitted by the suppliers multiplied by the estimated volume shown on the bid.

SPECIFICATIONS:

- Cold Plastic Pavement Marker or Legend, 60 mil, adhesive backed, dated February 16, 2005
- Preformed Thermoplastic Pavement Markings dated January 20, 1993
- Durable Retroreflective Preformed Patterned Pavement Markings dated February 16, 2005
- Temporary Non-removable Pavement Marking Tape dated January 3, 2007
- Hand-Held Heat Gun dated January 22, 2007.

Pavement Marking Legends provided by awarded vendor must be approved materials for use on Bituminous and Portland Cement Concrete Surfaces, listed in Bulletin 15, and in accordance with Traffic Control Standards TC-8600 or bid will be rejected. Vendors may contact Construction and Materials, Materials Testing Division at 717-783-9673, to obtain a Request For Product Evaluation packet for future bidding opportunities.

NOTE: Vendors must provide 60-mil adhesive-backed material for items (1-2, 4- 5, 7-9, 11-15, 17-58).

Vendors must provide 125-mil Preformed Thermoplastic Pavement Markings for items (59-63, 64-67, 68-107).

NOTE: Adhesive or Contact Cement supplied must be compatible for use with the material provided. Manufacturer, catalog number, and container size, must be specified. Complete instructions for application shall be enclosed in each box.

DELIVERY: F O B Destination any Department location within Pennsylvania. Delivery shall not exceed 30 calendar days after receipt of the order. The Department will allow a 10-day grace period for order processing and mailing. Vendor shall notify the Department if the order is received after the 10 day grace period. Liquidated damages will be assessed if delivery is not received within 40 calendar days after the document date on the order.

LIQUIDATED DAMAGES: If any item is not delivered within the time limits specified, the delay will interfere with the proper implementation of the Commonwealth's programs utilizing the item to the loss and damage of the Commonwealth. From the nature of the case it would be impractical and extremely difficult to fix the actual damage sustained in the event of any such action. The Commonwealth and the awarded vendor, therefore, presume that in the event of any such delay the amount of damage which will be sustained from a delay will be 1% per calendar day, and they agree that in the event of any such delay, the awarded vendor shall pay such amount as liquidated damages and not as a penalty. The Commonwealth at its option for amounts due the Commonwealth as liquidated damages may deduct such from any money payable to the awarded vendor or may bill the awarded vendor as a separate item. The Commonwealth shall notify the awarded vendor in writing of any claims for liquidated damages pursuant to this paragraph before the date the Commonwealth deducts such sums from money payable to the awarded vendor.

COSTARS PROGRAM CLAUSE

COSTARS Purchasers. Section 1902 of the Commonwealth Procurement Code, 62 Pa.C.S. § 1902 ("Section 1902"), authorizes local public procurement units and state-affiliated entities (together, "COSTARS Purchasers") to participate in Commonwealth procurement contracts that the Department of General Services ("DGS") may choose to make available to COSTARS Purchasers. DGS has identified this Contract as one suitable for COSTARS Purchaser participation.

- A. Only those COSTARS Purchasers registered with DGS may participate as COSTARS Purchasers in a Commonwealth contract. Several thousand COSTARS Purchasers are currently registered with DGS; therefore, the Contractor agrees to permit **only** to DGS-registered COSTARS members to make COSTARS purchases from this Contract.
1. A "local public procurement unit" is:
 - Any political subdivision;
 - Any public authority;
 - Any tax exempt, nonprofit educational or public health institution or organization;
 - Any nonprofit fire, rescue, or ambulance company; and
 - To the extent provided by law, any other entity, including a council of governments or an area government that expends public funds for the procurement of supplies, services, and construction.
 2. A state-affiliated entity is a Commonwealth authority or other Commonwealth entity that is not a Commonwealth agency. The term includes the Pennsylvania Turnpike Commission, the Pennsylvania Housing Finance Agency, the Pennsylvania Municipal Retirement System, the Pennsylvania Infrastructure Investment Authority, the State

Public School Building Authority, the Pennsylvania Higher Educational Facilities Authority and the State System of Higher Education.

- B. COSTARS Purchasers have the option to purchase from a Contract awarded under this procurement, from any DGS contract established exclusively for COSTARS Purchasers in accordance with the requirements of Section 1902, from any other cooperative procurement contracts, or from their own procurement contracts established in accordance with the applicable laws governing such procurements. The Contractor understands and acknowledges that there is no guarantee that any prospective COSTARS Purchaser will place an order under this Contract, and that it is within the sole discretion of the registered COSTARS Purchaser whether to procure from this Contract or to use another procurement vehicle.
- C. **DGS is acting as a facilitator for COSTARS Purchasers who may wish to purchase under this Contract. Registered COSTARS Purchasers who participate in this Contract and issue purchase orders (“POs”) to Contractors are third party beneficiaries who have the right to sue and be sued for breach of this contract without joining the Commonwealth or DGS as a party. The Commonwealth will not intervene in any action between a Contractor and a Purchaser unless substantial interests of the Commonwealth are involved.**
- D. Registered COSTARS Purchasers electing to participate in this Contract will order items directly from the Contractor and be responsible for payment directly to the Contractor.
- E. The Contractor shall furnish to the DGS COSTARS Program Office a quarterly electronic Contract sales report detailing the previous quarter’s Contract purchasing activity, using the form and in the format prescribed by DGS. The Contractor shall submit its completed quarterly report no later than the fifteenth calendar day of the succeeding Contract quarter.
 - 1. Until such time as DGS may provide the Contractor written notice of automated report filing, the Contractor shall either e-mail the reports to GS-PACostars@state.pa.us or send the reports on compact disc via US Postal Service to the DGS COSTARS Program Office, Bureau of Procurement, 6th Floor Forum Place, 555 Walnut Street, Harrisburg, PA 17101. When DGS has instituted automated reporting, the Contractor shall comply with DGS’s written notice and instructions on automated Contract reports. DGS will provide these instructions with sufficient advance time to permit the Contractor to undertake automated reporting.
 - 2. The Contractor shall include on each report the Contractor’s name and address, the Contract number, and the period covered by the report. For each PO received, the Contractor shall include on the report the name of each COSTARS-Registered Purchaser that has used the Contract along with the total dollar volume of sales to the specific Purchaser for the reporting period.
 - 3. DGS may suspend the Contractor’s participation in the COSTARS Program for failure to provide the Quarterly Sales Report within the specified time.
- F. Additional information regarding the COSTARS Program is available on the DGS COSTARS Website at www.dgs.state.pa.us/costars.

1. If the Contractor is aware of any qualified entity not currently registered and wishing to participate in the COSTARS Program, please refer the potential purchaser to the DGS COSTARS Website at www.dgs.state.pa.us/costars, where it may register by completing the online registration form and receiving DGS confirmation of its registration. To view a list of currently-registered COSTARS member entities, please visit the COSTARS website.
2. Direct all questions concerning the COSTARS Program to:

Department of General Services
COSTARS Program
555 Walnut Street, 6th Floor
Harrisburg, PA 17101

Telephone: 1-866-768-7827
E-mail GS-PACostars@state.pa.us

INQUIRES: Direct all questions concerning this Contract to the Commodity Specialist named herein:

Sandi Verbos
(717)346-8188
sverbos@state.pa.us

SPECIFICATION FOR DURABLE RETROREFLECTIVE PREFORMED PATTERNED PAVEMENT MARKINGS

February 16, 2005

I. DESCRIPTION

This item shall consist of furnishing retroreflective preformed patterned pavement markings in accordance with this provision.

II. MATERIALS – GENERAL

The preformed patterned markings shall consist of white or yellow films with clear and/or yellow-tinted microcrystalline ceramic beads incorporated to provide immediate and continuing retroreflection. These films shall be manufactured without the use of lead chromate pigments or other similar, lead-containing chemicals.

Preformed words and symbols shall conform to the applicable shapes and sizes as outlined in PENNDOT's Traffic Control Standards for Pavement Markings.

The preformed markings shall be capable of being gathered to asphaltic cement concrete and Portland cement concrete by a pre-coated pressure sensitive adhesive. A surface preparation adhesive may be used to precondition the pavement surface. The preformed markings shall conform to pavement contours by the action of traffic. The pavement markings shall be capable of application on new, dense and open-graded asphalt concrete wearing courses during the paving operation in accordance with the manufacturer's instructions. After application, the markings shall be immediately ready for traffic. The bidder shall identify proper surface preparation adhesives (where necessary) to be applied at the time of application, all equipment necessary for proper application, and recommendations for application that will assure effective product performance. The preformed markings shall be suitable for use for one year after the date of receipt when stored in accordance with the manufacturer's recommendations.

III. CLASSIFICATION

The markings shall be highly durable, retroreflective, pliant polymer materials designed for longitudinal, transverse, and symbol/legend markings subjected to high traffic volumes and severe wear conditions such as shear action from crossover or encroachment on typical longitudinal configurations such as edge lines and lane lines and typical configuration such as stop bars and crosswalks.

IV. REQUIREMENTS

Composition: The retroreflective pliant polymer pavement markings shall consist of a mixture of high-quality polymeric materials, pigments and glass beads distributed throughout its base cross-sectional area, and an embedded reinforcing net, and a reflective layer of microcrystalline ceramic beads bonded to a durable polyurethane topcoat surface. The patterned surface shall have approximately 50% $\pm 15\%$ of the surface area raised and presenting a near vertical face angle of 0° to 60° to traffic from any direction. The channels between the raised areas shall be substantially free of exposed beads or particles

Reflectance: The white and yellow markings shall have the following initial expected retroreflectance values as measured in accordance with the testing procedures of ASTM D4061. The photometric quantity to be measured shall be coefficient of retroreflected luminance (RL) and shall be expressed as millicandelas per square foot per foot-candle $[(\text{mcd} \cdot \text{ft}^{-2}) \cdot \text{fc}^{-1}]$. The metric equivalent shall be expressed as millicandelas per square meter per lux $[(\text{mcd} \cdot \text{m}^{-2}) \cdot \text{lx}^{-1}]$. The test distance shall be 100 feet (30 m).

EXPECTED INITIAL REFLECTANCE

	<u>White</u>	<u>Yellow</u>
Entrance Angle	88.76°	88.76°
Observation Angle	1.05°	.05°
Retroreflected Luminance RL (mcd • ft ⁻²) • fc ⁻¹)	500*	300*

*These retroreflectance values are based on dark room photometric readings per ASTM D4061.

Beads: Index of Refraction: All microcrystalline beads bonded to the polyurethane-coated, patterned surface of the material shall have a minimum index of refraction of 1.70 when tested using the liquid oil immersion method. The glass beads mixed into the pliant polymer shall have a minimum index of refraction of 1.5 when tested by the liquid oil immersion method.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

SPECIFICATION FOR HANDHELD HEAT GUN

January 22, 2007

1. USE

This specification is for a propane type Heat Gun that is suitable for heating both asphalt and concrete pavement and thermoplastic markings.

2. CONSTRUCTION

The heat gun should be of a sturdy design utilizing an accelerated thrust of air heated by a short flame.

2.1 Size. The length of the gun from intake to head must be a minimum of 30 inches. The minimum length of the hose shall be 50' and minimum width of the head shall be 2.5" .

2.2 Weight. The maximum weight of the gun without the hose shall be 4 pounds.

2.3 Ignition. Piezomagnetic type igniter must be built into the gun. No pilot flame, batteries or flint are acceptable.

2.4 Heat. No part of the torch including the nozzle shall become warmer than 125 degrees F during a three minute uninterrupted run at maximum power with the ambient temperature within 60 - 90 degrees F.

2.5 Gas consumption. Maximum fuel consumption of the gun during continuous use is 8 lb./hour.

2.6 Gas Cylinder Valve. The unit shall have an automatic safety shut off valve in case of leakage or breakage of hose or connectors. The unit shall have a preadjusted regulator valve.

3. OPERATION

The heat gun shall be operated by a "dead man trigger".

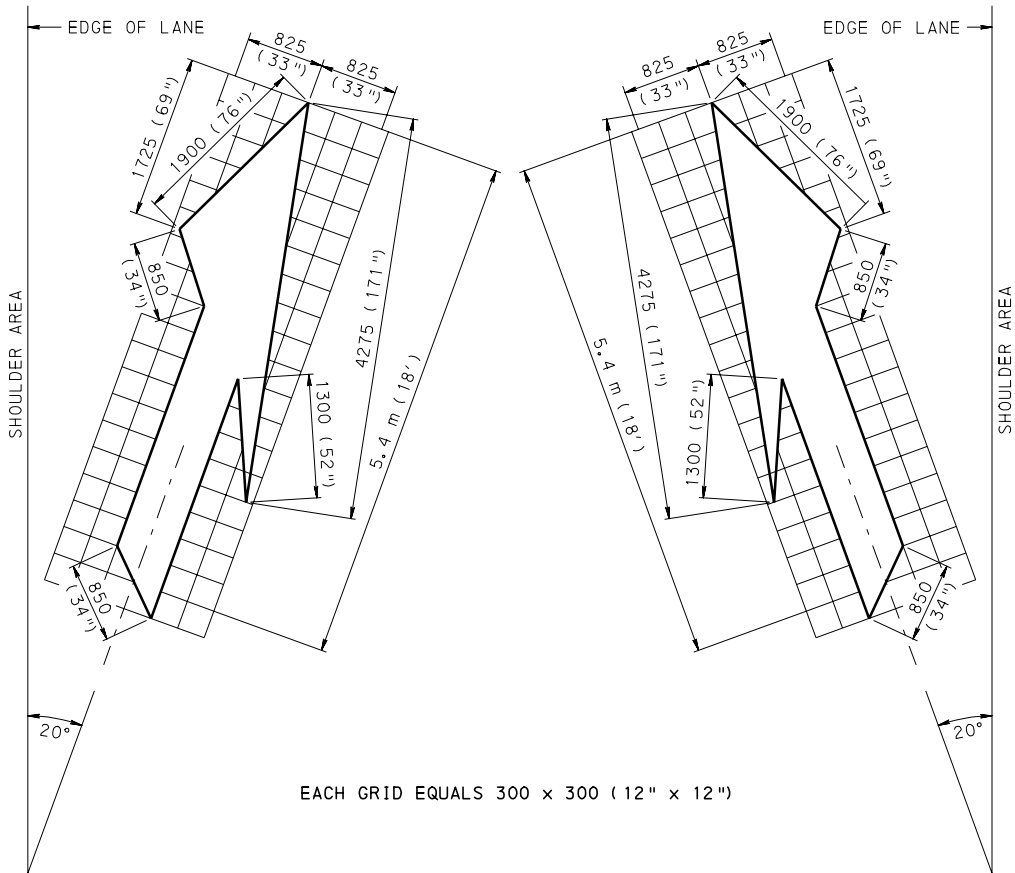
4. TECHNICAL SERVICES

The successful bidder shall provide technical services and ensure spare parts supply as required.

5. WARRANTY

The successful bidder shall provide 12 month warranty covering parts and labor. Damage due to negligence, misuse or accident are exempted.

Glenn C. Rowe, P.E., PTOE
Chief, Traffic Engineering and
Operations Division
Bureau of Highway Safety and
Traffic Engineering



EACH GRID EQUALS 300 x 300 (12" x 12")

LEFT LANE
(MERGE RIGHT)

RIGHT LANE
(MERGE LEFT)

LANE REDUCTION TRANSITION ARROW

Commonwealth of Pennsylvania
Department of Transportation

**SPECIFICATION FOR TEMPORARY NON-REMOVABLE
PAVEMENT MARKING TAPE**

January 3, 2007

1. SCOPE

This specification outlines the minimum requirements for temporary non-removable, adhesive backed pavement marking tape for the delineation of concrete and bituminous roadway surfaces.

2. GENERAL REQUIREMENTS

Temporary non-removable pavement marking tape shall consist of a white or yellow weather and traffic resistant reflective film with a pressure sensitive adhesive. Each tape shall satisfy the requirements of ASTM D-4592 except as revised in this specification. A tape must satisfy this specification on both concrete and bituminous surfaces in order to receive approval.

3. PHYSICAL TESTING

3.1 Laboratory Testing. All tape shall be tested for conformance to the requirements of ASTM D-4592.

3.2 Field Testing (White and Yellow Tape). The manufacturer will be required to install temporary marking tape on the Department's pavement marking test deck. For each non-removable tape, install six 10-foot lines longitudinally adjacent to the normal lane lines, centerline, or edge line and six 12-foot lines will be placed laterally across a traffic lane on both concrete and bituminous surfaces. One set of lines will be installed for each type and color of tape being tested. The tape will be installed in accordance with the manufacturer's instructions. The use of a primer/sealer will not be allowed for this temporary tape.

3.2.1 Durability. Both the lateral and longitudinal lines shall remain intact, be weather resistant, and show no appreciable fading, lifting, shrinking, or creeping and shall provide adequate target value for 120 days. Target value for the laterally placed lines will be evaluated in the wheel tracks.

3.2.2 Retroreflectivity. Retroreflectance will be measured using a Department 30-meter retroreflectometer. Retroreflectance measurements will be taken at the centerline and in both wheel paths of all laterally installed lines for each type and color of tape. The results will be averaged to determine the retroreflectance of the material. Measurements will be taken at 30 ± 5 day intervals after installation. The tape shall satisfy the values shown below.

<u>Length of Time After Installation</u>	<u>Minimum Average Retroreflectivity</u>	
	<u>White</u>	<u>Yellow</u>
30 ± 5 days	225 mcd	175 mcd
120 ± 5 days	100 mcd	85 mcd

4. **CERTIFICATE OF APPROVAL**

Prior to use on any public highway within the Commonwealth, all temporary pavement marking tape shall be tested in accordance with the Department's specifications and have a Certificate of Approval issued by the Department.

A tape will fail and testing shall cease if the results of any 30 ± 5 day evaluation indicate the tape does not meet the requirements described in Section 3.

If a tape satisfies all requirements of the 120 ± 5 day evaluation, a Certificate of Approval will be issued for that material.

In order to apply for testing and approval of a temporary pavement marking material, manufacturers shall submit the following to the Materials and Testing Division, Bureau of Construction and Materials, 1118 State Street, Harrisburg, PA 17120:

- A Product Evaluation Form for each type and color of tape.
- Certification from an independent testing laboratory that each material satisfies the requirements of ASTM D-4592.
- Specifications for each material.
- Installation instructions regarding surface treatment prior to installation.
- Sufficient tape for laboratory testing (a minimum of 5 feet of each color and type of tape).

For Department purchasing contracts or for use on a Department Construction or Maintenance Project, manufacturers shall have a current Certificate of Approval for the material prior to the bid opening. The Department reserves the right to sample and test any manufacturer's material up to the time of installation. Failure to comply with the appropriate requirements of this specification will be cause for rejection of the submission.

 Glenn C. Rowe, P.E., P.T.O.E., Chief
 Chief, Traffic Engineering and
 Operations Division

Commonwealth of Pennsylvania
Department of Transportation

COLD PLASTIC PAVEMENT MARKING OR LEGEND 60 MIL, ADHESIVE BACKED

February 16, 2005

1. **USE:** This specification is for a white or yellow cold plastic pavement marking material suitable for use as longitudinal markings and transverse markings including word/symbol markings.
 - 1.1 Cold plastic pavement markings shall consist of a pigmented plastic, which shall contain reflective glass spheres uniformly distributed throughout its entire cross-sectional area. It shall be capable of being affixed to bituminous and/or cement concrete pavement by means of a factory-applied, pressure-sensitive adhesive.
 - 1.2 Cold plastic pavement markings shall mold themselves to pavement contours, breaks, faults, etc. merely by traffic action on pavement surfaces having temperatures down to 12°C (60°). They shall have resealing characteristics capable of mending cracks due to pavement flexing and shall bond with previously applied markings.
2. **MATERIAL:** Cold plastic pavement markings shall meet the composition and physical testing requirements as indicated in ASTM Standard D 4505. These properties shall be determined in both the normal and parallel directions to the axis of manufacture of the legends.
 - 2.1 **Glass Spheres:** The cold plastic pavement markings shall contain 15% to 40% glass spheres by weight. Spheres shall be clear and transparent. Not more than 25% of the spheres shall consist of irregulars, fused spheroids, or silica. The index of refraction shall be not less than 1.50 or greater than 1.90.
 - 2.1.1 **Retroreflectivity:** The cold plastic pavement markings shall have a minimum initial retroreflectance value of 500 mcd/m²/lux for white and 300 mcd/m²/lux for yellow when measured in accordance with Test Method E 1710.
 - 2.2 **Pigments:** The white and yellow cold plastic pavement markings shall conform to the color requirements of ASTM Specification D 6628 – 01.

2.3 The physical properties of cold plastic pavement markings shall be as follows:

2.3.1 60 Mil Material:

	<u>MINIMUM</u>	<u>MAXIMUM</u>
a. Thickness, inches	0.055	0.070
b. Breaking Strength, ASTM-D638 Die Type I 0.25"/min, 70°-80° F. lb/lin inch	3.0	-
c. Elongation, %	-	250
d. Adhesive Stability Test: PTM 309 Method A. lb/sq in	3	-
e. Bond Test, 1" x 3" sample 80°F, ½" Mandrel	No Cracks	

2.4 60 Mil Material shall meet the following requirements:

- a. Paper Removal Test:** There shall be no failure or tearing of the protective paper if used during removal of the paper from any sample required for the above tests.
- b. Resealing Test:** Two sample pieces shall be placed together adhesive to surface, loaded with 2.2 lbs/sq. in. and placed in an oven at 140°F for two hours. After removing from the oven and allowed to cool to room temperature with the load in place, the test specimen shall be tightly bonded together with no visible unbonded areas.
- c. Bead Distribution:** The sample shall have the glass beads uniformly distributed throughout the plastic matrix as evidenced by visual inspection.

3. Construction:

3.1 Cold plastic pavement markings shall be manufactured to uniform thickness. The glass spheres shall be uniformly coated and retained on all sides by the plastic base material. The wearing surface shall be free of indentations, displaced spheres or other surface irregularities that will permit the retention of dirt, dust, or foreign materials. The contact surface shall be factory coated with pressure-sensitive adhesive.

3.2 Cold plastic pavement markings shall conform to the applicable sizes and shapes outlined in the Federal Highway Administration's current "Manual on Uniform Traffic Control Devices for Streets and Highways" and PennDOT's current Pavement Marking Standards TC-8600 Series.

3.3 A compatible "adhesive activator" or "primer sealer," if recommended by the manufacturer shall be made available by the manufacturer and applied in accordance with the manufacturer's instructions. The adhesive activator or primer sealer shall be supplied in five-gallon pails that conform to ICC specifications.

4. Sampling, Testing and Acceptance:

4.1 Only pre-approved materials are acceptable for Department purchasing contracts.

4.2 For Department purchasing contracts, the pre-approved bidder shall furnish one length 6" x 18' or 4" x 18' of each color (white and yellow) and one quart of "adhesive activator" or "primer sealer". If recommended by the manufacturer.

4.3 Bid samples shall be delivered with all transportation charges pre-paid to the Chief, Materials and Testing Division, Pennsylvania Department of Transportation, 1118 State Street, Harrisburg, Pennsylvania 17120, prior to the opening of bids.

4.4 The Department reserves the right to inspect, sample, and test finished materials from shipments. Failure of these inspection samples to meet the requirements of the specification and/or to conform in quality and construction with the samples submitted for bid will be cause for rejection of the shipment.

Commonwealth of Pennsylvania
Department of Transportation

**SPECIFICATION FOR PREFORMED THERMOPLASTIC PAVEMENT
MARKINGS**

January 20, 1993

1. **USE:** This specification is for pavement marking materials suitable for use as highway, commercial or private delineation and markings.

- 1.1 The markings shall consist of a resilient white or yellow thermoplastic product with uniformly distributed glass beads throughout the entire cross sectional area. Long lines, legends and symbols shall be capable of being affixed to bituminous or Portland Cement Concrete pavements by the use of the normal heat of a propane type hand-held heat gun. Other colors for usages of a special nature shall be available as required.

- 1.2 The markings shall conform to pavement contours, breaks and faults through the action of traffic at normal pavement temperatures. They shall have resealing characteristics such that it is capable of fusing with itself and previously applied thermoplastic under normal conditions or use.

2. **MATERIAL:** Preformed plastic markings shall be composed of aggregates, pigments, binders and glass beads, which have been factory, produced as a finished product, which is designed to meet the requirements of the current edition of the Manual on Uniform Traffic Control Devices for Streets and Highways. The thermoplastic material must conform to AASHTO designation M249 with the exception of the relevant differences since to the material is in a preformed state.

- 2.1 **Graded Glass Beads:** The markings shall contain a minimum of 30% graded glass beads by weight, which shall conform to AASHTO M247, Type I. The beads shall be clear and transparent. Not more than 20% shall consist of irregular, fused spheroids, or silica. The index of refraction shall be not less than 1.50.

- 2.2 **Pigments:** White: Sufficient titanium dioxide pigment shall be used to insure a color similar to Federal Highway White, Color 17886, as per Federal Standard 595.

- Yellow: Sufficient yellow pigment shall be used to insure a color similar to Federal Highway Yellow, Color No. 13655, as per Federal Standard 595.

2.3 Skid Resistance: The surface of the preformed thermoplastic markings shall provide a minimum resistance value of 45 BPN when tested according to ASTM: E 303.

2.4 Thickness: The materials shall be supplied at a minimum thickness of 100 Mils (2.52mm).

2.5 Environmental Resistance: The thermoplastic shall be resistant to the deterioration due to the exposure to sunlight, water, diesel fuel, oil, gasoline, salt, pavement oil content or adverse weather conditions.

3. **APPLICATION:** The materials shall be applied using the propane heat gun recommended by the manufacturer. The pavement shall be clean, dry, and free of debris. If required by the manufacturer, a compatible primer/sealer shall be applied to assure proper adhesion.
4. **PACKAGING:** The preformed thermoplastic markings shall be placed in protective plastic film with cardboard stiffeners where necessary to prevent damage in transit. The cartons in which packed shall be non-returnable. They shall be clearly labeled for ease of identification.
5. **TECHNICAL SERVICES:** The successful bidder shall provide technical services as required.



All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

REPRINT Page 1 of 3
Contract No. 4600011885
Contract Original Approval Date: 04/23/2007

Purchasing Agent:
Name: Sandi Verbos
Phone: 717-346-8188
Fax: 717-783-6241

Valid from/to: 04/01/2007 - 03/31/2009

Please Deliver To:

To be determined at the
time of the Purchase Order
unless specified below

Your SAP Vendor Number With Us: 164068

Supplier Name/Address:

3M COMPANY
 MINNESOTA MINING & MANUFACTURING
 BLDG224 5 N 42
 SAINT PAUL MN 55144-1000
 Supplier Telephone No: 651-733-3660
 Supplier Fax No.: 651-7377699

Your Quotation: Date:
 Collective No.:
 Our Quotation:

Payment Terms:
 NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
10	147660 PAVEMENT, MARKING, 4", WHITE <i>Item Text</i> 90 ft. roll	0.00	Roll	58.50	1 Roll	0.00
20	147662 MARKING, PAVEMENT, 6", WHITE <i>Item Text</i> 90 ft. roll	0.00	Roll	87.75	1 Roll	0.00

SEE LAST PAGE FOR ESTIMATED
TOTAL VALUE INFORMATION



REPRINT Page 2 of 3
Contract No. 4600011885
Contract Original Approval Date: 04/23/2007

Supplier Name:
3M COMPANY
MINNESOTA MINING & MANUFACTURING

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
30	147640 THERMOPL. PAVEMENT MARKING,YEL,4" Item Text 75 ft. roll	0.00	Foot	1.65	1 Foot	0.00
40	147642 THERMOPL. PAVEMENT MARKING,YEL,6" Item Text 75 ft. roll	0.00	Foot	24.75	10 Foot	0.00
50	147641 THERMOPL. PAVEMENT MARKING,YEL,6" Item Text 75 ft. roll	0.00	Foot	24.75	10 Foot	0.00
60	147668 MARKING,PAVEMENT, 8",YELLOW Item Text 75 ft. roll	0.00	Roll	247.50	1 Roll	0.00
70	147666 MARKING,PAVEMENT, 24",YELLOW Item Text 75 ft. roll	0.00	Roll	742.50	1 Roll	0.00
80	147669 MARKING,PAVEMENT, 6",WHITE Item Text 90 ft. roll	0.00	Roll	87.75	1 Roll	0.00





REPRINT Page 3 of 3
Contract No. 4600011885
Contract Original Approval Date: 04/23/2007

Supplier Name:
3M COMPANY
MINNESOTA MINING & MANUFACTURING

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
90	147670 MARKING,PAVEMENT, 8",WHITE Item Text 90 ft. roll	0.00	Roll	117.00	1 Roll	0.00
100	147671 MARKING,PAVEMENT, 12",WHITE Item Text 90 ft. roll	0.00	Roll	175.50	1 Roll	0.00
110	147664 MARKING,PAVEMENT, 16",WHITE Item Text 90 ft. roll	0.00	Roll	234.00	1 Roll	0.00
120	147665 MARKING,PAVEMENT, 24",WHITE Item Text 90 ft. roll	0.00	Roll	351.00	1 Roll	0.00
130	147704 ADHESIVE,ACTIV,SEA LER,5-GAL Item Text 5 gal. container	0.00	US Gallon	22.00	1 US Gallon	0.00

General Requirements for all Items:

Header Text

Contact: Customer Service Northeast
Phone: (800) 553-1380, Ext. 1
Email: tnortheast@mmm.com
Contractor Allows COSTARS Participation
No further information for this contract.

**Estimated Total Value
Not Applicable**



All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

REPRINT Page 1 of 7
Contract No. 4600011886
Contract Original Approval Date: 04/23/2007

Purchasing Agent:

Name: Sandi Verbos
Phone: 717-346-8188
Fax: 717-783-6241

Valid from/to: 04/01/2007 - 03/31/2009

Please Deliver To:

To be determined at the
time of the Purchase Order
unless specified below

Your SAP Vendor Number With Us: 161086

Supplier Name/Address:

SWARCO INDUSTRIES INC
 PO Box 89
 COLUMBIA TN 38402-0089
 USA
 Supplier Telephone No: 931-388-5900
 Supplier Fax No.: 931-388-4039

Your Quotation: Date:
 Collective No.:
 Our Quotation:

Payment Terms:

NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
10	147599 LEGENDS,LETTRS,WH T,60MIL; 'R-',6'6"	0.00	Each	45.00	1 Each	0.00
20	147600 LEGENDS,LETTRS,WH T,60MIL,RRX,	0.00	Each	341.00	1 Each	0.00
30	147601 LEGENDS,LETTRS,WH T,60MIL,STOP,10'	0.00	Each	175.00	1 Each	0.00
40	147602 LEGENDS,LETTRS,WH T,60MIL,STOP,8'	0.00	Each	150.00	1 Each	0.00

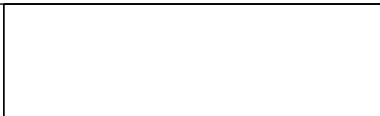
SEE LAST PAGE FOR ESTIMATED
TOTAL VALUE INFORMATION



REPRINT Page 2 of 7
Contract No. 4600011886
Contract Original Approval Date: 04/23/2007

Supplier Name:
SWARCO INDUSTRIES INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
50	147603 LEGENDS,LETTRS,WH T,60MIL,'ONLY-',8',	0.00	Each	175.00	1 Each	0.00
60	147604 LEGENDS,LETTRS,WH T,60MIL,'ONLY-'10'	0.00	Each	175.00	1 Each	0.00
70	147605 LEGENDS,LETTRS,WH T,60MIL,AHEAD 8'	0.00	Each	190.00	1 Each	0.00
80	147606 LEGENDS,LETTRS,WH T,60MIL,SIGNAL,8',	0.00	Each	190.00	1 Each	0.00
90	147607 LEGENDS,LETTRS,WH T,60MIL,SCHOOL,8'	0.00	Each	240.00	1 Each	0.00
100	147608 LEGENDS,LETTRS,WH T,60MIL,SCHOOL,10'	0.00	Each	280.00	1 Each	0.00
110	147609 LEGENDS,LETTRS,WH T,60MIL,XING,8'	0.00	Each	150.00	1 Each	0.00
120	147610 LEGENDS,LETTRS,WH T,60MIL,PED,8',	0.00	Each	115.00	1 Each	0.00
130	147611 LEGENDS,LETTRS,WH T,60MIL,MPH,8,	0.00	Each	115.00	1 Each	0.00
140	147612 LEGENDS,LETTRS,WH T,60MIL,US,8',	0.00	Each	76.00	1 Each	0.00

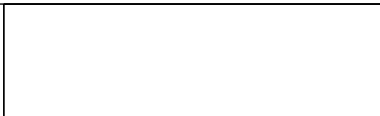




REPRINT Page 3 of 7
Contract No. 4600011886
Contract Original Approval Date: 04/23/2007

Supplier Name:
SWARCO INDUSTRIES INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
150	147613 LEGENDS,LETTRS,WH T,60MIL,PA,8',	0.00	Each	76.00	1 Each	0.00
160	147614 PAVING MARKING,LEGEND,W HT 60MIL "I",8	0.00	Each	40.00	1 Each	0.00
170	147615 LEGENDS,LETTRS,WH T,60MIL,ROUTE,8',	0.00	Each	190.00	1 Each	0.00
180	147616 LEGENDS,LETTRS,WH T,60MIL,'1',8',	0.00	Each	50.00	1 Each	0.00
190	147617 LEGENDS,LETTRS,WH T,60MIL,'2',8',	0.00	Each	50.00	1 Each	0.00
200	147618 LEGENDS,LETTRS,WH T,60MIL,'3',8',	0.00	Each	50.00	1 Each	0.00
210	147619 LEGENDS,LETTRS,WH T,60MIL,'4',8',	0.00	Each	50.00	1 Each	0.00
220	147620 LEGENDS,LETTRS,WH T,60MIL,'5',8',	0.00	Each	50.00	1 Each	0.00
230	147621 LEGENDS,LETTRS,WH T,60MIL,'6',8',	0.00	Each	50.00	1 Each	0.00
240	147622 LEGENDS,LETTRS,WH T,60MIL,'7',8',	0.00	Each	50.00	1 Each	0.00





REPRINT Page 4 of 7
Contract No. 4600011886
Contract Original Approval Date: 04/23/2007

Supplier Name:
SWARCO INDUSTRIES INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
250	147623 LEGENDS,LETTRS,WH T,60MIL,'8',8',	0.00	Each	50.00	1 Each	0.00
260	147624 LEGENDS,LETTRS,WH T,60MIL,'9',8',	0.00	Each	50.00	1 Each	0.00
270	147625 LEGENDS,LETTRS,WH T,60MIL,'0',8',	0.00	Each	50.00	1 Each	0.00
280	147628 LEGENDS,WHT,60MIL, STRAIGHT ARR 12'	0.00	Each	150.00	1 Each	0.00
290	147631 LEGENDS,WHT,60MIL, R/TURN ARROW 12'	0.00	Each	200.00	1 Each	0.00
300	147632 LEGENDS,WHT,60MIL, L/TURN ARROW 12'	0.00	Each	200.00	1 Each	0.00
310	147635 LEGENDS,WHT,60MIL, COMB THRU&R/T,20'	0.00	Each	250.00	1 Each	0.00
320	147637 LEGENDS,WHT,60MIL, COMB THRU&L/T,20'	0.00	Each	250.00	1 Each	0.00
330	304810 LEGEND,WHT,LANE REDUC ARROW,MERGE LEFT	0.00	Each	280.00	1 Each	0.00
340	304811 LEGEND,WHT,LANE REDUC ARROW,MERGE RIGHT	0.00	Each	280.00	1 Each	0.00





REPRINT Page 5 of 7
Contract No. 4600011886
Contract Original Approval Date: 04/23/2007

Supplier Name:
SWARCO INDUSTRIES INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
350	147626 PAVING MARKING,LEGEND 'YIELD ',8',WH	0.00	Each	190.00	1 Each	0.00
360	147627 PAVING MARKING,LEGEND 'YIELD ',12',WH	0.00	Each	420.00	1 Each	0.00
370	147629 PAVING MARK,LEGEND 'YIELD SYM 12"X18"	0.00	Each	20.00	1 Each	0.00
380	147630 PAVING MARK,LEGEND 'YIELD SYM 24"X36"	0.00	Each	40.00	1 Each	0.00
390	147633 PAV MARK,LEGEND 'YIELD AHEAD SYM 6'X13'	0.00	Each	300.00	1 Each	0.00
400	147634 PAV MARK,LEGEND 'YIELD AHEAD SYM 6'X20'	0.00	Each	350.00	1 Each	0.00
410	147636 PAVING MARKING,LEGEND WHT 60 'SLOW',8'	0.00	Each	150.00	1 Each	0.00
420	147638 LEGENDS,HANDICAPP ED MARKING	0.00	Each	65.00	1 Each	0.00





REPRINT Page 6 of 7
Contract No. 4600011886
Contract Original Approval Date: 04/23/2007

Supplier Name:
SWARCO INDUSTRIES INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
430	147704 ADHESIVE,ACTIV,SEA L,5-GAL,3M,E-44-T Item Text 5 gal. container	0.00	US Gallon	25.00	1 US Gallon	0.00
440	304812 TAPE,WHITE,TEMP,NO N-REMV, 4" Item Text 150 ft. roll	0.00	Roll	27.90	1 Roll	0.00
450	304813 TAPE,WHITE,TEMP,NO N-REMV, 6" Item Text 150 ft. roll	0.00	Roll	42.00	1 Roll	0.00
460	304814 TAPE,WHITE,TEMP,NO N-REMV, 8" Item Text 150 ft. roll	0.00	Roll	55.80	1 Roll	0.00
470	304815 TAPE,YELLOW,TEMP, NON-REMV, 4" Item Text 150 ft. roll	0.00	Roll	27.90	1 Roll	0.00
480	304816 TAPE,YELLOW,TEMP, NON-REMV, 6" Item Text 150 ft. roll	0.00	Roll	42.00	1 Roll	0.00

General Requirements for all Items:

Header Text





REPRINT Page 7 of 7
Contract No. 4600011886
Contract Original Approval Date: 04/23/2007

Supplier Name:
SWARCO INDUSTRIES INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
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Contact: Joyce Riley
Phone: (931) 388-5900
Email: joyce.riley@swarco.com
Contractor Allows COSTARS Participation
No further information for this contract.

**Estimated Total Value
Not Applicable**



All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

REPRINT Page 1 of 8
Contract No. 4600011887
Contract Original Approval Date: 04/23/2007

Purchasing Agent:
Name: Sandi Verbos
Phone: 717-346-8188
Fax: 717-783-6241

Valid from/to: 04/01/2007 - 03/31/2009

Please Deliver To:

To be determined at the
time of the Purchase Order
unless specified below

Your SAP Vendor Number With Us: 168251

Supplier Name/Address:

FLINT TRADING INC
 115 TODD CT
 THOMASVILLE NC 27360-3233
 USA
 Supplier Telephone No: 336-475-6600
 Supplier Fax No.: 336-475-7900

Your Quotation: Date:
 Collective No.:
 Our Quotation:

Payment Terms:

NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

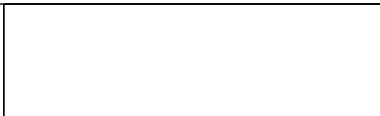
Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
10	147639 THERMOPL. PAVEMENT MARKING,WHT,4"	0.00	Foot	0.79	1 Foot	0.00
20	147641 THERMOPL. PAVEMENT MARKING,WHT,6"	0.00	Foot	1.18	1 Foot	0.00
30	147643 THERMOPL. PAVEMENT MARKING,WHT,8"	0.00	Foot	1.57	1 Foot	0.00

SEE LAST PAGE FOR ESTIMATED
TOTAL VALUE INFORMATION



Supplier Name:
FLINT TRADING INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
40	147645 THERMOPL. PAVEMENT MARKING,WHT,12"	0.00	Foot	2.43	1 Foot	0.00
50	147647 PAVING MARKING,PREF THERMOPL,24",WH	0.00	Foot	4.85	1 Foot	0.00
60	147640 THERMOPL. PAVEMENT MARKING,YEL,4"	0.00	Foot	0.80	1 Foot	0.00
70	147642 THERMOPL. PAVEMENT MARKING,YEL,6"	0.00	Foot	1.19	1 Foot	0.00
80	147644 THERMOPL. PAVEMENT MARKING,YEL,8"	0.00	Foot	1.61	1 Foot	0.00
90	147646 THERMOPL. PAVEMENT MARKING,YEL,12"	0.00	Foot	2.45	1 Foot	0.00
100	147648 THERMOPL. PAVEMENT MARKING, WHT,R6'6	0.00	Each	31.11	1 Each	0.00
110	147649 THERMOPL. PAVEMENT MARKING, WHT,RRX	0.00	Each	200.58	1 Each	0.00

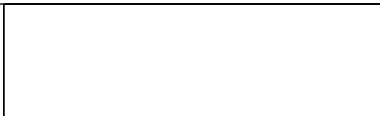




REPRINT Page 3 of 8
Contract No. 4600011887
Contract Original Approval Date: 04/23/2007

Supplier Name:
FLINT TRADING INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
120	147650 THERMO PAV MARKING, WHITE,ONLY 8'	0.00	Each	106.38	1 Each	0.00
130	147651 THERMO PAVEMENT MARKING, WHT,STOP 8'	0.00	Each	106.50	1 Each	0.00
140	147652 THERMO PAVE MARKING, STRAIGHT ARROW 12'	0.00	Each	64.71	1 Each	0.00
150	147653 THERMO PAVE MARKING,RIGHT ARROW 12'	0.00	Each	74.55	1 Each	0.00
160	147655 THERMO PAVE MARKING, LEFT ARROW 12'	0.00	Each	74.55	1 Each	0.00
170	147654 THERMO PAVEMENT MARKING, COMB T&R 20'	0.00	Each	130.86	1 Each	0.00
180	147656 THERMO PAVE MARKING,COMB,T&L 20'	0.00	Each	130.86	1 Each	0.00
190	304808 LEGEND,WHT,LN REDUC ARROW,MERG LT,125MIL	0.00	Each	198.34	1 Each	0.00





REPRINT Page 4 of 8
Contract No. 4600011887
Contract Original Approval Date: 04/23/2007

Supplier Name:
FLINT TRADING INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
200	304809 LEGEND,WHT,LN REDUC ARROW,MERG RT,125MIL	0.00	Each	198.34	1 Each	0.00
210	147657 THERMOPL PAVEMENT MARKING, AHEAD 8'	0.00	Each	147.78	1 Each	0.00
220	147672 THERMOPL. PAVEMENT MARKING,'SIGNAL',8'	0.00	Each	147.78	1 Each	0.00
230	147673 THERMOPL. PAVEMENT MARKING,'SCHOOL',8'	0.00	Each	165.72	1 Each	0.00
260	147676 THERMOPL. PAVEMENT MARKING,'PED',8'	0.00	Each	87.72	1 Each	0.00
270	147677 THERMOPL. PAVEMENT MARKING, H/CAPPED	0.00	Each	58.12	1 Each	0.00
280	147678 PAVING MARKING,PREF THERMOPL,'MPH',8' WH	0.00	Each	87.72	1 Each	0.00
290	147679 PAVING MARKING,PREF THERMOPL,'US',8' WH	0.00	Each	61.56	1 Each	0.00





REPRINT Page 5 of 8
Contract No. 4600011887
Contract Original Approval Date: 04/23/2007

Supplier Name:
FLINT TRADING INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
300	147680 PAVING MARKING,PREF THERMOPL,'PA',8' WH	0.00	Each	61.56	1 Each	0.00
310	147681 PAVING MARKING,PREF THERMOPL,'I',8' WH	0.00	Each	30.78	1 Each	0.00
320	147682 PAVING MARKING,PREF THERMOPL,'ROUTE'	0.00	Each	151.50	1 Each	0.00
330	147683 PAVING MARKING,PREF THERMOPL,'1',8' WH	0.00	Each	30.78	1 Each	0.00
340	147684 PAVING MARKING,PREF THERMOPL,'2',8' WH	0.00	Each	30.78	1 Each	0.00
350	147685 PAVING MARKING,PREF THERMOPL,'3',8' WH	0.00	Each	30.78	1 Each	0.00
360	147686 PAVING MARKING,PREF THERMOPL,'4',8' WH	0.00	Each	30.78	1 Each	0.00
370	147687 PAVING MARKING,PREF THERMOPL,'5',8' WH	0.00	Each	30.78	1 Each	0.00

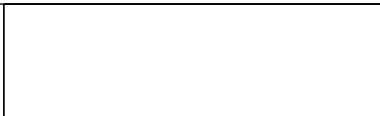




REPRINT Page 6 of 8
Contract No. 4600011887
Contract Original Approval Date: 04/23/2007

Supplier Name:
FLINT TRADING INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
380	147688 PAVING MARKING,PREF THERMOPL,'6',8' WH	0.00	Each	30.78	1 Each	0.00
390	147689 PAVING MARKING,PREF THERMOPL,'7',8' WH	0.00	Each	30.78	1 Each	0.00
400	147690 PAVING MARKING,PREF THERMOPL,'8',8' WH	0.00	Each	30.78	1 Each	0.00
410	147691 PAVING MARKING,PREF THERMOPL,'9',8' WH	0.00	Each	30.78	1 Each	0.00
420	147692 PAVING MARKING,PREF THERMOPL,'0',8' WH	0.00	Each	30.78	1 Each	0.00
430	147693 PAVING MARKING,PREF THERMOPL,'YIELD',8'	0.00	Each	115.50	1 Each	0.00
440	147694 PAVING MARKING,PREF THERPL,'YIELD',10'	0.00	Each	124.08	1 Each	0.00
450	147695 PAVING MARK THERMOPL,YIELD SYM 12X18	0.00	Each	4.80	1 Each	0.00





REPRINT Page 7 of 8
Contract No. 4600011887
Contract Original Approval Date: 04/23/2007

Supplier Name:
FLINT TRADING INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
460	147696 PAVING MARK THERMOPL,YIELD SYM 24X36	0.00	Each	9.14	1 Each	0.00
470	147697 PAV MARK THERM,YIELD AHEAD SYM 6'X13'	0.00	Each	62.40	1 Each	0.00
480	147698 PAV MARK THERM,YIELD AHEAD SYM 6'X20'	0.00	Each	78.00	1 Each	0.00
490	148212 PAV,MARKER THERM,"SLOW"8'	0.00	Each	106.50	1 Each	0.00
510	304800 GUN,HEAT,WITH 50' HOSE,REGULATOR VALVE	0.00	Each	287.50	1 Each	0.00
520	147701 CYLINDER,GAS,LPG,4 OLB	0.00	Each	84.15	1 Each	0.00
530	147675 THERMOPL. PAVEMENT MARKING,'XING',8'	0.00	Each	107.40	1 Each	0.00
540	147674 THERMOPL. PAVEMENT MARKING,'SCHOOL',10 '	0.00	Each	219.48	1 Each	0.00





REPRINT Page 8 of 8
Contract No. 4600011887
Contract Original Approval Date: 04/23/2007

Supplier Name:
FLINT TRADING INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
550	147699 CONCRETE SEALER,5 GALLON/CNTR,NOT REQ	0.00	Each	199.60	1 Each	0.00

General Requirements for all Items:

Header Text

Contact: Tim Montgomery
Phone: (336) 475-6600
Email: sales@flintrading.com
Contractor Allows COSTARS Participation
No further information for this contract.

**Estimated Total Value
Not Applicable**

Contract Reference Number: 46000011887, 46000011885, 46000011886
Collective Number: CN00024705
Legacy Number: 9905-04
Change Number: 1
Change Effective Date: 10/22/2007

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG**

For: All using Agencies of the Commonwealth
Subject: **Pavement Markers**
Contract Period: Beginning 4/1/2007-03/31/2009
Buyer Name: Sandi Verbos sverbos@state.pa.us 717.346.8188

CHANGE SUMMARY: Buyer assignment change

- This contract has been assigned to a different buyer. Effective October 22,2007, the buyer (commodity specialist) information is as follows:

Buyer Name: Robin DePetro
Email: rdepetro@state.pa.us
Phone: 717.346.8188

ALL OTHER TERMS AND CONDITIONS OF THIS AGREEMENT NOT CHANGED BY THIS CHANGE NOTICE REMAIN AS ORIGINALLY WRITTEN.