

**CITY OF PRESQUE ISLE
REQUEST FOR BIDS**

SECTION 1. GENERAL

The City of Presque Isle is seeking bids from qualified individuals and firms (Bidder) for pavement markings. The work includes an estimated 219,000 lineal feet of paint striping plus stop bars, arrows, etc.

SECTION 2. STANDARD CONDITIONS

1. The Bidder shall be responsible for all taxes, fees and permits required of this request for bids.
2. The Bidder shall be responsible for the proper disposal of any waste generated by this request for bids.
3. The Bidder shall serve in the capacity of an independent contractor and shall not be deemed an employee or representative of the municipality. The Bidder understands and agrees that he is an Independent Contractor for whom no Federal or State Income Tax will be deducted by the City, and for whom no retirement benefits, medicare, vacation and sick leave, workers compensation, employment and similar benefits available to City employees will accrue. The Bidder further understands that annual information returns as required by the Internal Revenue Code or State of Maine Income Tax Law will be furnished to the Bidder for his Income Tax records.
4. Unless otherwise stated all bids shall be in a lump sum basis, FOB Presque Isle, in U.S. funds.
5. Any bid received after the date and time of opening will be rejected and returned unopened to the Bidder. Time shall be determined as indicated on the clock where bids are received.
6. Unless otherwise stated all bids shall be submitted on the bid form supplied by the City.
7. The City reserves the right to reject any or all bids and to waive any informality as it deems necessary. The City Manager shall retain the right to determine what constitutes informality. In his decision, the City Manager may consider if other bidders are placed at a disadvantage by his decision. In all cases, the decision by the City Manager shall be final.
8. Fax bids will not be accepted.
9. No bid may be withdrawn for a period of 30 days after the bid opening.
10. The Bidder shall be responsible to provide all labor, materials and equipment necessary to perform the work or supply the material(s) requested in this bid and shall insure a timely completion of the work involved or the material(s) supplied in conformance with generally accepted work standards. All work shall be in conformance with all applicable local, state and federal laws, ordinances, rules and regulations.

11. The Bidder shall not sublet, sell, transfer, assign or otherwise dispose of this agreement or any portion thereof, or of his right, title, or interest therein, without written request to and written consent of the City Manager, except to a bank. No subcontracts or transfer or agreement shall in any case release the bidder of his liability under this agreement.
12. The performance of work or the delivery of material under the contract may be terminated by the City in whole, or from time to time, in part whenever for any reason the City manager shall determine that such termination is in the best interest of the City. Any such termination shall be effected by delivery to the Bidder of a Notice of Termination specifying the extent to which such termination becomes effective. The contract shall be equitably adjusted to compensate for such termination and the contract modified accordingly. In any event, this contract shall be terminated on the contract date.
13. The Bidder agrees to indemnify, defend and save harmless the City, its officers, agents and employees from any and all claims and losses accruing or resulting to any and all contractors, subcontractors, material men, laborer, and any other person, firm or corporation furnishing or supplying work, services, materials or supplies in connection with the performance of this contract, and from any and all claims and losses accruing or resulting to any person, firm or corporation who may be injured or damaged by the Bidder in the performance of this contract and against any liability, including costs and expenses, for violation of propriety right, copyrights, or rights of privacy, arising out of publication, translation, reproduction, delivery, performance, use of disposition of any data furnished under this contract or based on any libelous or other unlawful matter contained in such data.
14. Any and all notebooks, maps, plans, working papers or other work produced in the performance of this contract are the property of the City.
15. Failure to provide requested information at the time the bid is submitted may result in the bid being rejected.

SECTION 3. BIDDER QUALIFICATIONS

- A. Complete 'Statement of Bidder Qualifications' form.
- B. Name and qualifications of the project coordinator.
- C. List of similar work performed or material delivered to include the names, addresses and telephone numbers of people who can be utilized as a reference check.

SECTION 4. SUBMITTING A BID

All bids must be submitted in a sealed envelope clearly marked **“PAVEMENT MARKINGS”** on the outside of the envelope. Bids must be received by **April 15, 2013 at 2:00PM** at the **City Clerk’s office**, 12 Second Street, Presque Isle, Maine 04769. Any questions pertaining to this bid shall be directed to the Deputy Public Works Director Larry DeMerchant at (207) 764-2560.

All bids shall be opened and read aloud in public on April 15, 2013 at 2:00 PM at the above address. Final award of the bid is expected to be made on or about April 16, 2013 by the City Manager and/or City Council. His/their decision shall be final. Bidders are welcome to attend the bid opening and City Council meeting (if needed).

SECTION 5. SCOPE OF WORK

The successful bidder shall supply/provide pavement markings per the following requirements:

1. All work and materials shall meet or exceed applicable standards as set forth by the Manual and Uniform Traffic Control Devices and MDOT Specifications. **See Attachment A.**
2. All work shall be performed under the direction of the Deputy Public Works Director or his designee.
3. All work shall be performed in such a manner that presents the least disruption to traffic. Night work may be authorized by the Deputy Public Works Director to facilitate traffic flow and work progress.
4. All quantities listed are estimates. The City retains the right to change the quantities based on its actual needs. Payment shall be made only on the actual amount of markings applied.
5. All crosswalks crossing US Route 1 shall have twenty-four inch lines with twenty-four inch spacing, six feet long. All other crosswalks shall have six inch wide lines with hash marks.
6. All crosswalks, stop bars, arrows, centerlines, lanelines, and edgelines shall be reflectorized, with glass beads applied at eight pounds per gallon.
7. Bidder must specify type of paint that will be used and enclose an MSDS and paint specification sheet.
8. Bidder shall supply and setup all work zone traffic control and safety devices necessary to warn motorists and protect workers. All work area markings and devices shall conform to the Manual on Uniform Traffic Control Devices, latest edition.
9. All pavement markings shall have a minimum wet film thickness of fifteen mils, before beads are applied.
10. The successful bidder shall perform a test strip to demonstrate paint thickness. The City will measure paint thickness and the bidder shall make any adjustments necessary to obtain the desired paint thickness.
11. All paint shall meet or exceed the attached specifications. An exemption may, upon request, be allowed for the use of acetone.
12. All centerlines, lane lines, edge lines, and crosswalks crossing Main Street shall be done no later than May 24, 2013.
13. All other work shall be completed no later than June 21, 2013.
14. There shall be a one hundred dollar (\$100) per day penalty assessed to the contractor for each calendar day after the deadlines stated in (12) and (13).
15. Bidders shall certify that they have prior experience with municipal striping and shall provide a list of municipalities for which they have painted.

STATEMENT OF BIDDER'S QUALIFICATIONS
(If desired, the bidder may submit additional information)

Name of Bidder: _____

Bidder is: Corporation () Partnership () Individual ()

Permanent Main Office Address: _____

Federal ID Number: _____

When Organized: _____

If a corporation, where incorporated? _____

How many years have you been engaged in business under your present firm or trade name? _____

A financial statement may be required of the successful bidder prior to award.

The Undersigned hereby authorizes and request any person, firm, or corporation to furnish any information requested by the City of Presque Isle in verification of the recitals comprising this Statement of the Bidder's Qualifications.

Attest Name of Bidder: _____

By: _____

Title: _____

Dated: _____

“Pavement Marking” BID FORM
Bid Opening April 15, 2013 at 2:00 p.m.

Submit to: City Clerk
 12 Second Street
 Presque Isle, ME 04769-2459

Bidders Name: _____

Address: _____

Telephone Number: _____

The following bid is submitted in response to the Request for Bid for pavement markings.

The undersigned certifies that the information provided on the Bid Form is correct.

Have all specifications been met? _____yes _____no If no, have all deviations been listed on a separate page attached to this Bid Form? _____yes _____no

Does the Bidder meet the qualifications per Section 3 and provided attachments, if required, to this Bid Form? _____yes _____no

MARKING TYPE	APPROX. AMOUNTS	UNIT COST	TOTAL
Crosswalks 24” Bars	10 EA	\$ _____ EA	\$ _____
Crosswalks	100 EA	\$ _____ EA	\$ _____
Edgeline	30,000 LF	\$ _____ LF	\$ _____
Dual Centerline	150,000 LF	\$ _____ LF	\$ _____
Lane/Skip Line	30,000 LF	\$ _____ LF	\$ _____
Arrows	200 EA	\$ _____ EA	\$ _____
Stop Bars	100 EA	\$ _____ EA	\$ _____
Parking stalls (street side & parking lots)	6,000 LF	\$ _____ LF	\$ _____
Painted yellow islands with 6” lines	2,000 LF	\$ _____ LF	\$ _____
Painted yellow islands with 4” lines	1,000 LF	\$ _____ LF	\$ _____

Signature: _____

Printed Name: _____

Date: _____

By affixing my signature I certify that I have the authority to submit and bid and further certify that this bid meets or exceeds all requirements of the request for bid.

ATTACHMENT A

SECTION 627 - PAVEMENT MARKINGS

627.01 Description This work shall consist of furnishing and placing reflectorized pavement lines and markings, removing pavement lines and markings, and furnishing and applying reflectorized paint to curbing in reasonably close conformity with the plans and as designated.

627.02 Materials Materials shall conform to the requirements specified in the following Sections of Division 700 - Materials.

Pavement Marking Paint 708.03

Reflectorized Plastic Pavement Marking 712.05

Temporary Bi-directional Yellow Delineators shall be Temporary Object Markers (T.O.M.) as manufactured by the Davidson Plastic Company, 18726 East Valley Highway, Kent, WA 98031 or an approved equal.

627.04 General All pavement lines and markings shall be applied in accordance with the Manual on Uniform Traffic Control Devices.

Longitudinal lines placed on tangent roadway segments shall be straight and true. Longitudinal lines placed on curves shall be continuous smoothly curved lines consistent with the roadway alignment. All pavement markings placed shall meet the tolerance limits shown on the plans.

Broken lines shall consist of alternate 3 m [10 ft] painted line segments and 9m [30 ft] gaps. Temporary pavement marking lines, defined in Special Provision Section 652, Maintenance of Traffic, Temporary Centerline, will be applied as many times as necessary to properly delineate traffic lanes for the safe passage of traffic. Bi-directional delineators may be used in place of temporary lines, except where specified otherwise in Special Provision 652 Maintenance of Traffic, Temporary Centerline. Delineators will be applied at 12 m [40 ft] intervals.

In overnight lane closure areas that are not to be overlaid, temporary plastic lines or raised pavement markers shall be used through the length of the taper. Newly painted lines, markings and curb shall be protected from traffic by the use of cones, stationary vehicles or other approved methods until the paint is dry.

627.05 Preparation of Surface Immediately before applying the pavement marking paint to the pavement or curb, the surface shall be dry and entirely free from dirt, grease, oil, or other foreign matter.

Surface preparation for application of plastic markings shall conform to the manufacturer's recommendations.

627.06 Application Prior to applying paint for final pavement lines, the Contractor shall perform a test for paint thickness by furnishing and placing a piece of smooth, clean metal with an area of at least 0.1 m² [144 in²] in the path of the striping truck. The striping truck shall be passed over the piece of metal, painting the surface as it passes, without applying beads. The result of this test will be used to determine the pressure setting and speed of the

truck when applying paint to obtain the specified thickness. Additional paint thickness testing may be required on the final paint markings. The wet thickness of paint without beads on final pavement lines shall be a minimum of 0.400 mm [16 mils].

On other final pavement markings and on curb, where the paint is applied by hand painting or spraying, application shall be in two uniform covering coats, each at least 0.25 mm [10 mils] thick. Before the second coat of paint has dried, the glass beads shall be applied by a pressure system that will force the glass beads onto the wet paint as uniformly as possible.

Glass beads shall be applied to the final and temporary pavement lines, marking and curb at the rate of 0.54 kg/L [4.5 lb/gal] of paint and in sufficient quantity to assure complete and uniform coverage of hand painted surfaces.

Temporary painted lines and markings shall be applied as specified for permanent painted lines, except that the thickness shall be a minimum of 0.400 mm [16 mils].

Temporary pliant polymer marking material shall be used for temporary markings on the final pavement and on pavements not to be resurfaced when such pavement markings do not conform to the final pavement markings pattern.

The plastic final pavement lines and markings shall be applied in accordance with the manufacturer's recommendations by the inlay method of application.

627.07 Establishment Period Inlaid plastic pavement lines and marking material furnished and installed under this contract for final pavement markings shall still be subject to a six-month period of establishment.

The period of establishment shall commence as soon as the plastic pavement lines and markings are complete and in place and shall continue for six months. At the end of the establishment period, a minimum of 95% of the plastic pavement lines and markings shall still be in place to be acceptable.

If less than 95% of the plastic pavement lines and markings are in place after six months, the Contractor shall replace all unsatisfactory plastic pavement lines and markings on the project without additional payment. Plastic pavement lines and markings designated for replacement shall be installed according to these specifications, unless otherwise directed. Plastic pavement lines and markings replaced at the end of the six month establishment period will not be subject to a further establishment period.

627.08 Removing Lines and Markings When it is necessary to remove pavement lines and markings, it shall be done by grinding, high temperature flame, sand blasting, solvent or other acceptable means. The method chosen must be capable of completely eradicating the existing line or marking without damage to the pavement. Burning and grinding to remove temporary markings from final pavement or from existing pavement not to be resurfaced will not be permitted.

627.09 Method of Measurement The quantity of permanent pavement marking lines measured for payment will be the number of meters [feet] shown in the Schedule of Items in the contract. This quantity will be considered final and no adjustments will be made except when changes resulting in increases or decreases are made by the Resident.

Double yellow centerline, broken or solid, will be considered one line for measurement purposes. The measurement of broken lines will include the gaps when painted and will not

include the gaps when plastic. Temporary pavement marking lines will be measured as one lump sum for work accepted. All other pavement markings will be measured by the square meter [square foot] for work actually done.

Reflectorized curb will be measured or computed by the square meter [square foot] of curb surface actually painted and reflectorized.

The accepted quantity of removing existing pavement markings will be measured by the square meter [square foot].

Temporary Bi-directional Yellow Delineators will be measured by each unit, complete in place, maintained, and accepted.

627.10 Basis of Payment The accepted quantity of permanent pavement marking lines will be paid for at the contract unit price per meter [foot]. No adjustment will be made to the quantity for payment, except as described under Method of Measurement above. All other permanent pavement markings will be paid for at the contract unit price per square meter [square foot].

Payment for final plastic pavement lines and markings will be made in two parts. The first payment of 75% will be made when plastic pavement lines and markings are placed. The payment of the remaining 25% will be made at the end of the establishment period for all plastic line and pavement markings accepted.

The accepted quantity of temporary pavement marking lines will be paid for at the contract lump sum price and will include as many applications as required and removal when required.

The accepted quantity of Temporary Bi-directional Yellow Delineators will be paid for at the contract unit price.

Payment will be made under:

	<u>Pay Item</u>	<u>Pay Unit</u>
627.18	300 mm [12 in] Solid White Pavement Marking Line Meter	[Linear Foot]
627.711	White or Yellow Pavement Marking Line - Plan Quantity Meter	[Linear Foot]
627.75	White or Yellow Pavement & Curb Marking Square Meter	[Square Foot]
627.76	Temporary Pavement Marking Line, White or Yellow	[Lump Sum]
627.77	Removing Existing Pavement Marking	Square Meter [Square Foot]
627.407	Reflectorized Plastic, White or Yellow Pavement Marking	Square Meter [Square Foot]
627.4071	Reflectorized Plastic, White or Yellow Pavement Meter Marking Line - Plan Quantity	[Linear Foot]
627.811	Temporary Bi-directional Yellow Delineators	[Each]

SECTION 708 - PAINTS AND PRESERVATIVES

708.03 Pavement Marking Paint Paint for final and temporary pavement marking shall meet the requirements of AASHTO M248. Either Type N, regular dry traffic paint or Type F, fast dry traffic paint may be used.

Glass beads shall conform to the requirements of AASHTO M247, Type I.

SECTION 712 - MISCELLANEOUS HIGHWAY MATERIAL

712.05 Preformed Plastic

Type of Material This section covers reflectorized plastic materials performed into rolls or ribbons of various lengths, pliability, and widths suitable for use as reflecting pavement markings on Portland cement concrete or bituminous pavement.

General Characteristics The preformed marking materials shall consist of white or yellow films with pigments selected and blended to provide the appropriate highway colors for traffic markings. Glass or ceramic beads shall be incorporated to provide immediate and continuing retro reflection. The size, quality, and refractive index of the beads shall be such that the performance requirements of this specification shall be met.

The edges of the preformed material shall be clean cut and true. The preformed plastic material may be supplied complete with a precoated, factory applied adhesive for immediate pavement application without the use of heat, solvent, or other types of adhesive for immediate pavement application without the use of heat, solvent, or other types of adhesive operations or it may be furnished with separate adhesives as recommended by the manufacturer.

The affixed material shall be capable of molding itself to the pavement contoured by the action of traffic and maintain its original dimensions and placement under normal traffic conditions at the pavement temperatures, which could occur within the State. After application, the markings shall be immediately ready for traffic.

Physical Requirements - Color Pigments shall be selected and blended to conform to standard highway colors throughout the expected life of the material. When tested by Federal Test Method Standard 141 Method 4232, the white shall be no darker than Color Number 37778 of Federal Standard Number 595 and the yellow shall conform to Color Number 33538 of Federal Standard Number 595 (Highway Yellow Color PR#1).

Retro-Reflectivity The retro-reflective preformed film shall have a layer of reflective spheres bonded to the top surface. The white and yellow film shall have the following initial minimum retro-reflectance values at 0.2° and 0.5° observation angles and 86° entrance angle as measured in accordance with the photometric testing procedures of ASTM D4061.

Retro-reflectance values shall be expressed as specific luminance in mill candelas per square meter per lux (mcdm²lx⁻¹) [millicandelas per square foot/foot candle (mcd ft²fc⁻¹)]

	<u>White</u>	<u>Yellow</u>
Observation Angle	0.2° 0.5°	0.2° 0.5°
SL [mcdm ² lx ⁻¹] [mcd ft ² fc ⁻¹]	550 380	410 250

The test distance shall be 15 m [50 ft] and the sample size a 600 mm by 750 mm [2 ft by 2½ ft] rectangle. The angular aperture of both the photoreceptor and light projector shall be 10 minutes of arc. The reference center of the sample and the reference axis shall be taken perpendicular to the test sample.

Bead Retention When tested with a 50 mm by 150 mm [2 in by 6 in] sample bent over a 13 mm [½ in] diameter mandrel with the 50 mm [2 in] dimension perpendicular to the mandrel axis, microscopic examination of the arc on the mandrel shall show no more than 10% of the beads are entrapped in the binder and less than 40% of the surface of the bead.

Application The preformed plastic material shall be capable of application to non-defective pavement surfaces that are dry and free from dirt or other foreign matter. For normal application, the pavement temperature should be at least 15°C [60°F] and rising.

Special instructions should be supplied by the vendor for application to be made at pavement temperatures below 15°C [60°F]. Application shall be according to manufacturer's recommended procedures. Plastic pavement marking materials shall only be applied to surfaces with temperatures within the range specified by the manufacturer for optimum adhesion.

Adhesive, activators or special coatings for various types of pavement surfaces shall be provided with the preformed plastic material. Detailed information must be supplied with the material outlining required application procedures for such adhesives, activators, or special coating.

Preformed plastics shall be capable of being applied to new asphalt pavement immediately prior to the final rolling of the new surface and of being rolled into place with conventional pavement and highway rollers. The plastic material and adhesives used in such applications shall be of the type that water used on the roller to prevent asphalt pickup shall not be harmful to the successful application of the plastic.

Special equipment necessary for the successful installation of any preformed plastic material shall be available from the manufacturer of the plastic material on a lease, loan, or purchase basis.

Longitudinal lines shall be offset at least 50 mm [2 in] from construction joints of portland cement concrete pavement. When directed by the Resident, opening of 150 mm [6 in] lengths shall be left at 6 m [20 ft] intervals in edge lines not inlaid into the pavement surface that are placed on the inside of super elevated curves so as to prevent the ponding of water on the pavement surface.