



# DRUMHELLER

## INFRASTRUCTURE SERVICES



### REQUEST FOR QUOTATION

**Quotation**

Painted Pavement Markings 2020-2021-2022

**DATE:**

March 4, 2020

**FROM:**

Kevin Blanchett, Operations Manager

Town of Drumheller Representative

**DATE QUOTATION REQUIRED:**

YEAR: 2020 MONTH: March DAY: 26 TIME: 2:00 PM

**SUBMIT TENDER IN A CLEARLY MARKED AND SEALED ENVELOPE**

DELIVER or MAIL TO:

Town of Drumheller  
224 Centre Street  
Drumheller, Alberta T0J 0Y4

Attention: Purching Department

“Painted Pavement Markings 2020-2021-2022”

Your firm is invited to submit a quote, pursuant to the general conditions for the scope of work as described. This quotation must include labor, equipment and overhead. This quotation shall not be considered authorization to proceed with the work herein described.

INITIATOR OF REQUEST: Kevin Blanchett, Operations Manager

DATE: YEAR: 2020 MONTH: March DAY: 04

### **SPECIFICATIONS FOR PAINTED PAVEMENT MARKINGS**

#### 1. **GENERAL**

The Town of Drumheller reserves the right to reject any or all tenders or to accept the tenders deemed most favourable in the interests of the Town of Drumheller. The lowest or any tender will not necessarily be accepted.

Errors, omissions or discrepancies in the quote documents shall be reported for clarification prior to quote submissions.

This specification is for painting of existing and new pavement markings. Work includes supply of all labour, equipment, material and incidentals to apply centre lines, edge lines, and miscellaneous markings as required.

#### 2. **PERSONNEL AND RECORDS**

##### a) Painting inspector:

- shall be assigned by the OWNER.
- shall be responsible for interpretation of contract documents.
- shall arrange any preparation work.
- shall maintain records of quantities.
- shall co-ordinate a schedule for the contract.

##### b) CONTRACTOR'S records:

- Daily production.
- Accurate measurements of linear meters of lines painted, quantities of paint, and glass beads converted to application rates.

3. **EQUIPMENT**

- a) Painting controls:
- Shall have an independent control and adjustment mechanism to allow accurate retracing of existing lines.
  - Be capable of advancing or retarding the paint cycle while in motion to match existing line patterns.
  - Be capable of instantly adjusting both the stripe length and the cycle length in increments of 10 cm or less.
  - Shall have a rear-mounted sign saying, **“WET PAINT, PLEASE KEEP OFF”** or a message of similar meaning
  - Shall have a pilot vehicle or self contained warning lights whenever work is being done.

4. **MATERIALS**

- a) "Material" shall mean all or any part of the machinery, tools, signs, power plants, commodities, equipment, cones, articles, and things furnished shall be the sole responsibility of the CONTRACTOR.
- b) Paint and bead shall be supplied by the CONTRACTOR.
- c) **Paint shall be oil based only.** Paint specifications must accompany the tender documents for Town approval prior to contract start up.
- d) Bead shall be a product approved by the Town of Drumheller. Specifications to accompany the tender documents.
- e) All cost of shipping, handling, disposal of containers and storage shall be incidental to the contract.
- f) Stencils shall be supplied by the contractor where possible. Town stencils are available to the contractor where matching existing line markings are required.

5. **APPLICATION**

- a) Pavement quantities are detailed on the attached list. The contractor must submit pricing on items listed.
- b) All painted markings are to be applied 10 cm wide at a film thickness of 375 (+/-) 75 microns (15 mils) wet film. For application thickness reconciliation purposes, 375 microns equals 38.7 litres per kilometre of 10 cm line.
- c) Glass beads are to uniformly cover the line at a rate of 600 g/L of paint. For application reconciliation, this equals 23.2 Kg per kilometre of 10 cm line.
- d) Lines initially applied at less than 300 microns (31 L/km) as determined by the inspector, shall be repainted at the CONTRACTOR'S expense.
- e) All lines shall be evenly covered with paint and beads for the specified line width. All lines shall have sharp edges with no significant overspray.
- f) Dimensions and standards shall conform to Town of Drumheller practices.
- g) Any disputes between the inspector and the CONTRACTOR over acceptable alignments shall be resolved as follows:
  - Any centre line or edge line that does not meet the alignment criteria as outlined below shall not be eligible for payment.
  - On tangents, five (5) random thirty (30) meter-long samples of the section on question shall be taken. The maximum deviation from the tangent on each of these samples shall be four (4) cm measured perpendicular from the tangent to the edge of the marking at any point along the sample length. Four out of five samples must meet this criteria.
  - This criteria will only be applied if premarks are within two (2) cm of the tangent. These dimensions shall apply to either side of the tangent line.
- h) Paint shall be applied only when air temperatures are above 10° C and wind speed less than 50 km/hr.
- i) No paint shall be applied on wet or dirty pavement.
- j) Wrongly applied markings must be removed at the CONTRACTOR'S expense by a method approved by the inspector.

6. **OPERATIONS**

- a) Hours of work:

All painting shall be done in daylight between 1/2 hour after sunrise and 1/2 hour before sunset. However, on request, the contractor may perform night work in lighted areas.

- b) Operation of the painting machine against the flow of traffic shall not be permitted.
- c) The CONTRACTOR shall be solely responsible for any claims arising from paint splashed on private vehicles.
- d) The CONTRACTOR shall be responsible for all premarking required to properly apply markings.
- e) Hold a current Town of Drumheller business licence.

7. **MEASUREMENT AND PAYMENT**

- a) Payment for centre line and edge line painting will be made at the unit priced bid per km of road painted. This price will include all costs of inspections, premarking, transporting, supplying, applying paint and glass beads, signing, and supplying all labour.
- b) Payment for individual markings and symbols will be made at the unit price bid for each item.
- c) Payment for the work completed will be made upon the CONTRACTOR providing a claim reflecting such. The Town of Drumheller, at its discretion, reserves the right to withhold 15% of the tender price for the three month warranty period. Final payment can be made, at the Town's discretion, prior to the expiration of the warranty period if the Town deems the project complete.

8.

**SAFETY**

a) Occupational Health & Safety

The CONTRACTOR shall familiarize himself, his staff and his sub-contractors with the terms of Occupational Health & Safety act and regulations thereunder to ensure complete understanding respecting the responsibilities given and compliance required. The CONTRACTOR acknowledges that he is an "Employer" as defined in the Occupational Health & Safety act, and that he will, as a condition of the contract, comply with Occupational Health & Safety act and the applicable regulations.

b) WHMIS

The Town of Drumheller is required to have Material Safety Data Sheets (MSDS) for all controlled products used at our worksites.

Any supplier offering an item to the Town of Drumheller that contains a controlled product, shall provide the Town with the appropriate material safety data sheet including physical and chemical properties, toxicological information, effects of over exposure, protective measures that should be followed when handling and storing the product, methods of waste disposal, and product composition.

Notwithstanding the above, all controlled products must bear an appropriate label. Material Safety Data Sheets (MSDS) for these products must be available at the worksite and workers must be trained in the safe handling and use of controlled products.

c) E.P.& E.A.

The CONTRACTOR shall familiarize himself, his staff and his sub-contractors with the terms of the Environmental Protection and Enhancement Act regulations, thereunder, to ensure complete understanding respecting the responsibilities given and compliance required.

9. **COMPREHENSIVE GENERAL LIABILITY INSURANCE**

- a) The CONTRACTOR shall provide and maintain, either by way of a separate policy or by an endorsement to his existing policy, Comprehensive General Liability Insurance acceptable to the OWNER and subject to limits of not less than two million dollars (\$2,000,000.00) inclusive per occurrence for bodily injury, death and damage to property including loss of use thereof. The contractor must supply proof of WCB and guarantee such coverage is in effect for the duration of the contract.
- b) Automobile Liability Insurance  
  
The CONTRACTOR shall provide and maintain liability insurance in respect and owned licensed vehicles subject to limits of not less than two million dollars inclusive.
- c) The CONTRACTOR shall provide the OWNER with evidence of all liability insurance prior to the commencement of the work and shall promptly provide the OWNER with a certified copy of each insurance policy.

10. **WARRANTY**

- a) The CONTRACTOR will provide a warranty covering all work completed on the project for a period of three months following project completion. This will be in addition to any manufacturer's warranties that pertain to paint and glass bead products.

11. **TENDER**

I/ We, the undersigned (also referred to as the "bidder" and the "contractor"), having fully read the contract documents, hereby agree to execute and complete the work contemplated in strict accordance with the said contract documents at the prices stipulated in the schedule of quantities. It is understood that:

- 1. The estimated quantities shown in this tender are approximate only and for the purpose of comparing bids.
- 2. No claims shall be made by the bidder on account of any loss of anticipated products resulting from any excess or deficiency in the estimated quantities.
- 3. Payment for the work under this contract will be made on the basis of quantities measured and at the unit price submitted, which shall be compensation in full for all the work done under the terms of the contract.
- 4. The prices quoted shall bear a proper relationship to the values of work done or the materials supplied.

5. The Town of Drumheller reserves the right to terminate or to cancel any of all portions of the work and no claim shall be made on account of any law of anticipated profits resulting from any cancellations or terminations of this contract.
6. The CONTRACTOR is to complete the rate of payment for all items on the schedule of quantities.
7. The Town of Drumheller reserves the right to waive informalities in, or to reject any or all tenders, or to accept the tender deemed to be most favourable in the interest of the Town of Drumheller. By submitting a tender each bidder acknowledges and agrees to waive any right to contest through legal proceedings.
8. Each tender received will be evaluated on the basis listed below. The decision to award points in respect to the criteria noted below will be at the sole discretion of the Town of Drumheller.

<b>Criteria:</b>	<b>Weighting</b>
Cost	65%
Workmanship (min 2 references to be supplied with tender)	20%
Availability	15%

9. Should this tender be accepted, the undersigned agrees to enter into a written agreement with the Town of Drumheller for faithful performance of the works covered by this tender, in accordance to the said specific directives. The undersigned also hereby agrees to complete the work on or before June 15, 2020 - June 14, 2021 June 13, 2022 or within a mutually agreed upon timeframe between the contractor and the Town of Drumheller.



ITEM NUMBER	QUANTITIES	EST. KM/UNIT	PER KM UNIT PRICE	EXTENDED PRICE
1	Single, solid and broken centre line markings This does not include the Penitentiary road but pathways	14.344 KM		
2	Handicap stall markings	22		
3	Parking stalls	4069 M		
4	STOP and stop bar (0.3m)	28 each		
5	Yield and yield bar (0.3m)	2 each		
6	Crosswalks (20 cm lines)	124 each		
7	Arrows	12 each		
8	School c/w bars (0.3)	5 each		
9	30 Playground	6 each		
10	Single Lane Ped X-ing	4 each		
11	Cross Walk Bars	5		
12	Stop Box	1 each		
13	Stop Bar	26 each		
14	<b>DOWNTOWN ANGLE PARKING</b> (see attached list)			
	0.1 m white gore	518m		
	0.1 m stall lines	2882m		
15	Curb returns	3797m		

<b>Continued</b>				
16	<b>Municipal Airport</b>			
	Threshold Markings 0.8m x 30.0m	6000m		
	Single centre line markings ( Yellow)	261 m		
	Runaway numbers	48m <sup>2</sup>		
	Curb Return Painting	287m		
17	<b>HooDoo Site</b>			
	Hatched " NO PARKING" Areas	2		
	HandiCap Parking Stalls	2		
	Bus Only	4 each		
	Parking Stall Lines	375m		
18	<b>SUSPENSION BRIDGE:</b>			
	Bus Only	2 each		
	Parking Stall Lines	375m		
	Arrows	12 each		
	Curb Return Painting	287m		
<b>NOTE: All markings shall be done with the in accordance with the Uniform Traffic Control Devices manual for Canada.</b>				

Total cost of each yearly quotation EXCLUDING GST

2020 \$ \_\_\_\_\_  
 2021 \$ \_\_\_\_\_  
 2022 \$ \_\_\_\_\_

3. Quotation submission price in effect for \_\_\_\_\_ days from date of acceptance from the Town of Drumheller.

INTENT

The undersigned contractor hereby provides a quotation to supply the product as described within its entirety for the cost as described .

CONTRACTOR: \_\_\_\_\_

Print name of authorized personnel: \_\_\_\_\_

Signature: \_\_\_\_\_

Email: \_\_\_\_\_

TOWN OF DRUMHELLER: \_\_\_\_\_

Print name of authorized personnel: \_\_\_\_\_

Signature: \_\_\_\_\_

DATE: YEAR 2020 MONTH [ ] DAY [ ]

Upon completion of signatures above, this document will represent a contract agreement between the contractor and the Town of Drumheller.