



# The City of Grand Forks

## REQUEST FOR QUOTATION (RFQ)

<b>REQUESTER INFORMATION</b>			<b>Date of the RFQ</b>	<b>RFQ Closing Date</b>	
Department:	Public Works		23/08/2016	2016-09-09	
Contact Name:	Rod Fofonoff				
Telephone #:	250-442-8266 x 60240		<b>RFQ NO.</b>		
E-mail:	<a href="mailto:rfofonoff@grandforks.ca">rfofonoff@grandforks.ca</a>		RFQ-PW2016-02		Winter Sand 2016
<b>Description of required supplies, works or services:</b> Winter road sand (1000 yards) as per attached specifications for Class A & B particle size, delivered to Grand Forks Public Works by September 30, 2016					
<b>Physical Address of Works:</b> Delivery to City of Grand Forks Public Works (130 Industrial Drive, Grand Forks)					
Item No.	Quantity	Unit of Measurement	Goods & Services Catalogue # and Description	Unit Price CDN \$	Total Price CDN \$
	1000	Yards			
<b>Total Amount before Taxes</b>					
Goods & Services Taxes (G.S.T.)					
<b>Grand Total including G.S.T.</b>					
<b>Supplier Information:</b>		The following Section must be completed by the Supplier and included in the Supplier's proposal in response to this RFQ.			
Supplier Name		Supplier Address, Telephone No. & E-mail			Supplier's Quotation #
					Quotation Date
<b>Supplier Contact Name</b>			<b>Signature</b>		

### RFQ Terms and Conditions

- 1 Supplier's response to this RFQ must be sent to the City of Grand Forks by mail or E-mail to the attention of the Requester, as specified above.
- 2 Supplier may attach a quotation to this form or may enter prices directly on this form.  
If quotation is provided, the Supplier Information Section of this form must be completed and attached as the first page of Supplier's proposal.
- 3 The quantity specified above is provided as a best estimate only.
- 4 Prices are in Canadian dollars. In the event of a discrepancy/error in the total prices indicated above or in the Supplier quotation, the unit price will prevail.
- 5 Goods and Services Tax (G.S.T.) is applicable but should not be included in the quoted prices.
- 6 Supplier's proposal shall be valid for sixty (60) days from the date of Supplier's submission.
- 7 Price may or may not be the determining factor in Supplier selection process.
- 8 The award may be made to the Supplier(s) whose proposal(s) is (are) determined to be of highest value in terms of quality and price.
- 9 The City reserves the right to request the Supplier(s) to demonstrate that adequate skills, equipment and resources are available for performance of the services.
- 10 The City reserves the right to request any additional information that it deems necessary in order to make a decision on any proposal.
- 11 The City reserves the right to reject any or all proposals after evaluation.
- 12 Rejection of all proposals will mean that the City, in its own best interest at this time, has determined not to pursue the acquisition.
- 13 A Supplier who submits a proposal to the City in response to this RFQ must be licensed and certified as required by the laws of B.C..
- 14 Any resulting purchase shall be subject to the City of Grand Forks Contracting Authority & Purchasing Policy #802.
- 15 Any proposal not supported by the information requested in the RFQ, or not complying with the RFQ requirements, may not be considered.

## Mitigation of Road Dust From Winter Traction Materials

### Traction Material Management in the US

Several US jurisdictions that have had trouble achieving US national standards for ground-level particulate concentrations have gone further in their efforts to regulate road dust.

Several US states have established specific requirements for winter traction materials including:

- sizing, hardness and shape of the particles;
- legislated reductions in the application of winter traction materials;
- sweeping procedures;
- reporting requirements for users of winter traction materials; and
- the development of local management plans in cooperation with state and local street maintenance officials and winter traction material suppliers.

Some jurisdictions such as Montana, Utah and Colorado have amended their state clean air plans to replace sand with salt to the greatest extent possible. These actions, while reducing road dust, have increased the amount of salt applied to roadways and may result in increased environmental effects on vegetation and water bodies near the roadways.

The MoT requires their contractors to meet the following specifications for winter traction materials:

Maximum Particle Size	Winter Highway Classification		
	Class A & B	All Class C and Class D Paved Only	All Class D Gravel Highways
	12.5 mm	16 mm	19 mm
Metric Screen Size*			
19 mm	n/a	n/a	100%
16 mm	n/a	100%	n/a
12.5 mm	100%	n/a	n/a
9.5 mm	n/a	80-100%	80-100%
4.75 mm	50-95%	50-95%	50-95%
2.36 mm	30-80%	30-80%	30-80%
0.600 mm	10-50%	10-50%	10-50%
0.300 mm	0-25%	0-25%	0-25%
0.075 mm	0-6%	0-6%	0-6%

\* The figures shown represent the percent of material which passes that particular screen size.

#### Road Salt Use

Because of the potential for environmental harm to result from salt use, road salt is considered a scheduled substance under the *Canadian Environmental Protection Act*. Several documents, provide direction on the legislative standards that apply to road salt use; two of these are: **Roadsalt and Winter Maintenance for British Columbia Municipalities – Best Management Practices** (Warrington, 1998) and the **Federal Code of Practice for Environmental Management of Road Salts (Canada, 2004)**. <http://canadagazette.gc.ca/partI/2004/20040403/pdf/g1-13814.pdf>.