



City of Richmond

Business and Financial Services Department
Finance Division
Telephone: 604-276-4218
Fax: 604-276-4162

October 9, 2013

Attention: To All Proponents

**Re: 5016Q - Skid Resistant Paint and Thermoplastic Pavement Markings -
Addendum # 3**

This addendum forms part of the Contract Documents and shall be read, interpreted and coordinated with all other parts. Please review and consider the following information in the preparation of your Request for Quotation:

REMOVE:

SECTION 2. TECHNICAL SPECIFICATIONS

2.1 MATERIALS

2.1.1 The MMA Skid Resistant Paint shall conform to the following specifications:

- Ultra-violet (UV) stable
- ISO certified durable road marking material
- Have a minimum skid resistance of 49 BPN
- Colour – green to match Pantone #368 (required to conform to FHWM fluorescent green standards)
- Glass beads must conform to AASHTO M247 Type 1 (standard gradation) specifications.

2.1.2 Preformed Thermoplastic Pavement Markings shall conform to the following specifications:

- Ultra-violet (UV) stable
- ISO certified durable road marking material
- Have a minimum skid resistance of 49 BPN
- Colours – white (reflective material preferred) and green to match PMS Green 377

2.1.3 Material samples will be required.

REPLACE:

SECTION 2. TECHNICAL SPECIFICATIONS

2.1 MATERIALS

2.1.1 The MMA Skid Resistant Material shall conform to the following specifications:

- Ultra-violet (UV) stable
- ISO certified durable road marking material
- Have a minimum skid resistance of 49 BPN
- Colour – green to match Pantone #368 (required to conform to FHWM fluorescent green standards)
- Glass beads must conform to AASHTO M247 Type 1 (standard gradation) specifications.

2.1.2 Preformed Thermoplastic Pavement Markings shall conform to the following specifications:

- Ultra-violet (UV) stable
- ISO certified durable road marking material
- Have a minimum skid resistance of 49 BPN
- Colours – white (reflective material preferred) and green to match PMS Green 377

2.1.3 All white crosswalk markings, stop bars, and elephants feet are to be hot extruded thermoplastic with reflectorized glass beads and will conform to the following specifications:

- ISO certified durable road marking material
- Have a minimum skid resistance of 49 BPN
- Glass beads must conform to AASHTO M247 Type 1 (standard gradation) specifications

2.1.4 Material samples will be required.

REMOVE THE FOLLOWING QUESTION AND ANSWER IN ADDENDUM # 1

Questions and Clarifications:

Q1) In addition to the specified Flint preformed thermoplastic markings for the (14) ‘Identity Graphics’ and (28) ‘Directional Reminders’, are all crosswalks, elephant feet and stop bars to be marked with Flint preformed white thermoplastic?

A1) The white markings – crosswalk line, elephant’s feet, zebra stripes in crosswalks and stop bars specifications are listed on page 25, section 2.1.1.

**REMOVE THE FOLLOWING ADDITIONAL TECHNICAL SPECIFICATIONS IN
ADDENDUM # 2**

2.1 MATERIALS

2.1.1 The MMA Skid Resistant Paint shall conform to the following specifications:

- All white crosswalk markings are to be hot extruded inlaid thermoplastic reflective pavement marking, compounded for traffic markings, with glass reflectorizing beads.

**REMOVE PART D - QUOTATION FORM (PAGES 27, 28 AND 29) AND REPLACE WITH THE
FOLLOWING PAGES:**

Quotation Form

Purchasing
 City of Richmond
 6911 No. 3 Road
 Richmond, BC V6Y 2C1

The undersigned Bidder, having carefully read and examined the Instructions to Bidders, Undertaking of Liability Insurance, Quotation Form, Quotation Annexures, General Conditions of Contract, Specifications and Drawings, and having full knowledge of the work required, does hereby offer to provide all necessary materials in strict accordance with the Specifications and to do all therein called for on the terms and conditions and under the provisions therein set forth at the:

A. Pricing

#	ITEM DESCRIPTION FOR MMA SKID RESISTANT MATERIAL	UNIT Price (PER Item) (Pre-tax)	Extension Cost (Pre-tax)	Unit Price (PER Square Metre) (Pre-tax)
3	Standard Crosswalks @ 55 sq. m. ea. 1. West leg of Railway Ave at Blundell Rd. 2. West leg of Railway Ave at Francis Rd. 3. West leg of Railway Ave at Williams Rd	\$ (1 unit)	\$ (3 units)	\$ (per sq meter)
2	Standard Crosswalks @ 60 sq. m. ea. St 1. West leg of Railway Ave at Steveston Hwy 2. West leg of Railway Ave at Garry St	\$ (1 unit)	\$ (2 units)	\$ (per sq meter)
1	Standard Crosswalk @ 35 sq. m. 1. West leg of Railway Ave at Princeton Ave	\$ (1 unit)	\$ (1 unit)	\$ (per sq meter)
2	Raised Crosswalks with Zebra Stripes @ 55 sq. m. ea. 1. Granville Ave at McCallan Rd. 2. Railway Ave west of Brunswick Dr.	\$ (1 unit)	\$ (2 unit)	\$ (per sq meter)
1	Bike Lane @ 65 sq. m. 1. southbound Railway Ave at Moncton St	\$ (1 unit)	\$ (1 unit)	\$ (per sq meter)

#	ITEM DESCRIPTION FOR HOT EXTRUDED THERMOPLASTIC	UNIT Price (PER Item) (Pre-tax)	Extension Cost (Pre-tax)	Unit Price (PER Square Metre) (Pre-tax)
6	Standard Crosswalks with crosswalk markings, elephant's feet and stop bar 1. West leg of Railway Ave at Blundell Rd. 2. West leg of Railway Ave at Francis Rd. 3. West leg of Railway Ave at Princeton Ave 4. West leg of Railway Ave at Williams Rd 5. West leg of Railway Ave at Steveston Hwy 6. West leg of Railway Ave at Garry St	\$ (1 unit)	\$ (6 units)	\$ (per sq meter)
2	Raised Crosswalks with Zebra Stripes and elephant's feet 1. Granville Ave at McCallan Rd. 2 Railway Ave west of Brunswick Dr.	\$ (1 unit)	\$ (2 unit)	\$ (per sq meter)
1	Bike Lane including three bike stencils 1. southbound Railway Ave at Moncton St	\$ (1 unit)	\$ (1 unit)	\$ (per sq meter)
14	Identity Graphics	\$	\$	N/A
28	Directional Reminders	\$	\$	N/A
	GST		\$	N/A
	PST (If applicable)		\$	N/A
	TOTAL		\$	N/A

The above price includes and covers duties, brokerage, handling, transportation and labour charges, and all other charges incidental to and forming part of this Quotation and taxes are expressed separately.

A. Volume Discounts Offered

Bidders are requested to list here, any information provided on volume discounts offered. If additional space is required, please attach additional.

B. Payment Terms:

PAYMENT TERMS _____% discount if invoice paid within _____ days
(otherwise Net 30 days from invoice date)

B. Optional Accessories

Bidders may list any accessory components in this section. If additional space is required, please attach additional.

DESCRIPTION	UNIT PRICE (each) (Pre-Tax)
1.	\$
2.	\$
3.	\$
4. Delivery	\$

ADDENDA:

The City may issue and Addendum. It is requested that receipt of any Addenda be acknowledged as follows:

I/We acknowledge receipt of the following applicable Addenda to the Request for Quotation:

ADDENDUM	DATE OF ADDENDUM	FROM PAGES	TO PAGES
Addendum # 1			
Addendum # 2			
Addendum # 3			

Please acknowledge receipt of this addendum by submitting a signed copy with your response.

Signature

Print Name & Title

Date

Yours truly
Daianna Panni
Buyer