



## Addendum 5

December 17, 2020

### Request for Proposal R20-16 Fifth Street Bridge Upgrades – Addendum No. 5

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This addendum forms part of the RFP document and shall be read, interpreted, and coordinated with all other parts. The costs of all work contained herein shall be included in the submission. The following revisions supersede the information contained in the original documents to the extent referenced and shall become part thereof.

#### Item No. 1 – Questions and Answers

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1. Addendum 2 requires the cleaning of sharp edges after cleaning. Who is to inspect and identify areas that will require grinding?

The Contract Administrator will identify the areas requiring grinding after cleaning

2. Addendum 2 requires the cleaning of sharp edges after cleaning. Who is to inspect and accept areas after they have been ground?

The Contract Administrator is responsible for accepting the areas after grinding.

3. Addendum 2 requires the cleaning of sharp edges after cleaning. As it is not possible to determine the extent of grinding that maybe required as quality of fabrication and edge preparation on structures of this age can vary significantly. Can this item be paid at a unit rate per lineal meter?

Yes, this has been added. See payment clause in below and attached revised schedule of quantities and prices.

4. What are the working hour expectations of the Quality Control Manager? Will the Contractor be required to have a QC Manager on site during night shift operations and day shift; thus, having two QC Managers employed?

The QC Manager will be expected to be onsite for all required QC tests and controls required to meet the specifications and ensure overall quality control of the project. The contractor shall coordinate crews and QC accordingly. It is expected that one main QC Manager will be responsible for the overall quality control.

5. If there is any late flooding of the park during start date will there be an extension allowed to the schedule at no cost to the contractor?

All delays due to weather or other unforeseen circumstances shall follow the delay process identified in the MMCD General Conditions.

6. With the holiday season that is approaching, would it be possible to get an extension until after the holiday?

The City will not be able extend the closing date beyond December 22<sup>nd</sup>.

7. On the page 8 on the tender documents, it stated that proponent is required to provide a statement confirming the company doesn't have any foreseeable financial difficulties that could potentially inhibit the company from providing the obligations of the contract. However since Performance bond is required with this tender, do we still need to provide a letter?

Yes, a letter is required. Since the performance bonds are only required for the ultimate contract, the requirement of the letter is to ensure that during the evaluation of the RFP submissions, the City is evaluating the RFP submission for firms that can confirm their financial ability to perform the project.

8. If the water level at the project site impacts the ability of the Contractor to commence or execute the work, will this constitute an event of unavoidable delay under GC 13.3?

All delays due to weather or other unforeseen circumstances shall follow the delay process identified in the MMCD general conditions.

9. The current deck underside ICCP system has MMO ribbon in a mortar overbuild, is it ok if the CP designer comes with and prices only an alternate ICCP system for this area, and not price this overbuild solution?

The designer can propose an alternate ICCP solution which does not use an overbuild for the underside of the deck if it meets the requirements of the rest of the specification.

Proponents are to price all options identified and shall be clear in identifying alternative option costs in their submissions.

10. In addendum 2 the response to 3.4.2 indicates that the underside CP will be targeted to areas that need it. Is this for both ICCP and galvanic options on the underside? So potentially the ICCP would be installed to only targeted areas of the underside beams?

Yes, the ICCP or galvanic system will only be installed at targeted areas under the deck.

11. Can you provide the make and model of the holiday detector that the engineer has used in the past to effectively identify near surface metals?

The following high voltage detector may be suitable for use:

Tinker & Razor Model AP/W High Voltage Holiday Detector

This device is available through Tinker and Razor (<https://www.tinker-razor.com/>) or Stone Tucker Instruments Inc. (<http://www.stone-tucker.com/en/holiday-detectors/tinker-razor-model-ap-w-high-voltage-holiday-detector>).

12. Drawings 22160-101 - detail A - calls out the I-Beam to be a W18x6x7/16@55# which is a W18-55, correct? The drawing says the top flange is 152 mm. Steel tables indicate a W18-55 has a top flange of about 191 mm.

That is correct. The top flange should read 191 mm.

13. Drawings 22160-101 - detail A - has shear studs with dimensions 9.5 (w) x 51 (h) x 76 (l) 3 @ 1574.8 mm. So is this not a shear stud but more of a shear plate, does that exist? Then there is the 3 @ 1574.8 mm, not clear on what they mean by that, does that mean in every 1574.8 mm of beam length there are 3 of these shear plates?

This is correct. Shear studs are not shown, only shear plates; 3 per each 1574mm of beam length.

## **Item No. 2 – Clarifications/RFP Updates**

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1) Section SS 09 00 00 Recoating of Structural Steel

### **Add clause 1.10.5**

.5 Measurement and payment for grinding of sharp edges after blast cleaning shall be paid on a per meter costs based on the areas required and identified by the Contract Administrator after cleaning of the bridge steel. The unit price shall include identification, grinding and all cleaning and preparation of surfaces for receiving coating as per 3.6.4 and other relevant specifications.

2) Section SS 09 00 00 Recoating of Structural Steel

### **Add clause 3.6.4.3**

.3 After cleaning of all sharp edges the grinded areas shall be blast cleaned a second time.

3) Schedule of Quantities and Pricing

The Schedule of quantities and prices shall be replaced with the attached Schedule of quantities and prices – **Revision 1 – Issued for Addendum 5**. Changes have been highlighted in red.

**Acknowledgement of this Addendum as part of your submission is required.**

**End of Addendum No. 5**

**Bernd Guderjahn, SCMP  
Manager of Purchasing  
City of Courtenay**

## **SCHEDULE OF QUANTITIES AND PRICES**

### **Revision 1 – Issued for Addendum 5**

(All prices and Quotations including the Contract Price shall include all Taxes but shall not include GST. GST shall be shown separately.)

Item	Section	Brief Description See MMCD Master Municipal Specifications and Supplementary Specifications for Additional Details and Descriptions	Unit	Est. Qty.	Unit Price	Amount
<b>Division 1 – General Requirements</b>						
<b>01 53 01 - Mobilization and Demobilization</b>						
1.01	SS 1.9.1	Mobilization and Demobilization	LS	1	\$ -	\$ -
<b>01 55 00 - Traffic Control, Vehicle Access and Parking</b>						
1.02	SS 1.5.1	Traffic Control	LS	1	\$ -	\$ -
<b>01 57 01 - Environmental Protection</b>						
1.03	SS 1.6.1	Environmental Protection	LS	1	\$ -	\$ -
<b>Division 3 – Concrete</b>						
<b>SS 03 32 00 - Concrete Overlays</b>						
3.01	SS 1.3.1	Remove and Replace Concrete Deck Topping	LS	1	\$ -	\$ -
3.02	SS 1.3.2	Partial Depth Repairs	m <sup>2</sup>	50	\$ -	\$ -
3.03	SS 1.3.3	Full Depth Deck Repairs	m <sup>2</sup>	20	\$ -	\$ -
<b>Division 9 - Structural Steel</b>						
<b>SS 09 00 00 - Recoating of Bridge Steel</b>						
9.01	SS 1.10.1	Recoating of Bridge Steel	LS	1	\$ -	\$ -
9.02	SS 1.10.2	Hot Dip Galvanizing Posts and Railings	LS	1	\$ -	\$ -
9.03	SS 1.10.5	Grinding of Steel Edges	m	20	\$ -	\$ -
<b>SS 09 10 10 - Floor Beam Repairs</b>						
9.04	SS 1.2.1	Beam Section Loss Repairs	Each	20	\$ -	\$ -

Division 26 - Electrical						
SS 26 05 00 - Power Supply						
26.1	SS 1.12.1	Electrical Power Supply and Distribution	LS	1	\$ -	\$ -
SS 26 42 00 - Cathodic Protection of Concrete						
26.2	SS 1.10.1	Assessment, Sampling and Testing	LS	1	\$ -	\$ -
26.3	SS 1.10.2	Supply and Installation of Reference Electrodes	Each	21	\$ -	\$ -
26.4	SS 1.10.3	Supply and Installation of Sheet Anodes on top of Deck	LS	1	\$ -	\$ -
26.5	SS 1.10.4	Supply and Installation of Ribbon Anodes Below Deck (Optional)	m	180	\$ -	\$ -
26.6	SS 1.10.5	Supply and Installation of Galvanic Anodes Below Deck (Optional)	m	180	\$ -	\$ -
26.7	SS 1.10.6	Supply and installation of Ribbon Anodes on Sidewalk (Optional)	m	450	\$ -	\$ -
26.8	SS 1.10.7	Supply and Installation of Rectifiers	each	2	\$ -	\$ -
26.9	SS 1.10.8	Supply and Installation of Datalogger and Data Managing System	each	6	\$ -	\$ -
26.10	SS 1.10.9	Set up, Commissioning, Testing and Training	LS	1	\$ -	\$ -
<b>Subtotal</b>						\$ -
<b>5% GST</b>						\$ -
<b>Total Price with GST</b>						\$ -

Optional Items*							
<b>SS 09 00 00 - Recoating of Bridge Steel</b>							
O.01	SS 1.10.2	Recoating of 88.9mm Fortis Gas Main (Optional)	LS	1	\$ -	\$ -	
O.02	SS 1.10.3	Replacement of Fortis Gas Main Support Rollers (Optional)	LS	1	\$ -	\$ -	
<b>SS 26 42 00 - Cathodic Protection of Concrete</b>							
O.03	SS 1.10.10	5 Year Maintenance Agreement (Optional)	LS	1	\$ -	\$ -	
						<b>Subtotal</b>	\$ -
						<b>5% GST</b>	\$ -
						<b>Total Price with GST</b>	\$ -