

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
**Bid Receiving Public Works & Government  
Services Canada/Réception des soumissions  
Travaux publics et Services gouvernementaux  
Canada**  
**1713 Bedford Row**  
**Halifax, N.S./Halifax, (N.E.)**  
**B3J 1T3**  
**Halifax**  
**Bid Fax: (902) 496-5016**

**INVITATION TO TENDER**  
**APPEL D'OFFRES**

**Tender To: Public Works and Government Services  
Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Soumission aux: Travaux Publics et Services  
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici et sur toute feuille ci-annexée, au(x) prix indiqué(s).

**Comments - Commentaires**

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

Real Property Contracting  
1713 Bedford Row  
P.O. Box 2247/C.P.2247  
Halifax, N.S./Halifax, (N.E.)  
B3J 3C9  
Halifax

<b>Title - Sujet</b> BUOY MAINTENANCE AREA UPGRADE	
<b>Solicitation No. - N° de l'invitation</b> E0225-141210/A	<b>Date</b> 2013-09-25
<b>Client Reference No. - N° de référence du client</b> E0225-14-1210	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$PWA-121-5013
<b>File No. - N° de dossier</b> PWA-3-70046 (121)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2013-10-17</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Atlantic Daylight Saving Time ADT	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Russell (PWA), Alex	<b>Buyer Id - Id de l'acheteur</b> pwa121
<b>Telephone No. - N° de téléphone</b> (902) 496-5168 ( )	<b>FAX No. - N° de FAX</b> (902) 496-5016
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF PUBLIC WORKS AND GOVERNMENT SERVICES CANADA SEE HEREIN Canada	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b> See Herein	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

## INVITATION TO TENDER

### IMPORTANT NOTICE TO BIDDERS

#### ASPHALT CEMENT PRICE ADJUSTMENT

This solicitation includes a price adjustment clause for asphalt cement. Refer to the Supplementary Conditions.

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#### GENERAL INSTRUCTIONS TO BIDDERS (GI) - R2710T (2013-04-25)

The following GI's are included by reference and are available at the following Web Site

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R>

GI01	Code of Conduct and Certification - Bid
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#### SC01 ASPHALT CEMENT PRICE ADJUSTMENT

#### CONTRACT DOCUMENTS (CD)

#### BID AND ACCEPTANCE FORM (BA)

BA01	Identification
BA02	Business Name and Address of Bidder
BA03	The Offer
BA04	Bid Validity Period
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BA06 Construction Time  
BA07 Bid Security  
BA08 Signature

**APPENDIX 1 - COMBINED PRICE FORM**

**APPENDIX 2 - COMPLETE LIST OF EACH INDIVIDUAL WHO ARE CURRENTLY DIRECTORS OF THE BIDDER**

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## **SPECIAL INSTRUCTIONS TO BIDDERS (SI)**

### **SI01 CODE OF CONDUCT AND CERTIFICATIONS - RELATED DOCUMENTATION**

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Bid of Standard Instructions R2710T (2013-04-25). The related documentation therein required will assist Canada in confirming that the certifications are true.

### **SI02 BID DOCUMENTS**

1. The following are the bid documents:

- a. Invitation to Tender - Page 1;
- b. Special Instructions to Bidders;
- c. General Instructions to Bidders R2710T (2013-04-25);
- d. Clauses & Conditions identified in "Contract Documents";
- e. Drawings and Specifications;
- f. Bid and Acceptance Form and related Appendice(s); and
- g. Any amendment issued prior to solicitation closing.

Submission of a bid constitutes acknowledgement that the Bidder has read and agrees to be bound by these documents.

2. General Instructions to Bidders is incorporated by reference and is set out in the Standard Acquisition Clauses and Conditions (SACC) Manual, issued by Public Works and Government Services Canada (PWGSC). The SACC Manual is available on the PWGSC Web site:

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>

### **SI03 ENQUIRIES DURING THE SOLICITATION PERIOD**

1. Enquiries regarding this bid must be submitted in writing to the Contracting Officer named on the Invitation to Tender - Page 1 as early as possible within the solicitation period. Except for the approval of alternative materials as described in GI15 of R2710T "General Instructions to Bidders", enquiries should be received no later than five (5) calendar days prior to the date set for solicitation closing to allow sufficient time to provide a response. Enquiries received after that time may not result in an answer being provided.
2. To ensure consistency and quality of the information provided to Bidders, the Contracting Officer shall examine the content of the enquiry and shall decide whether or not to issue an amendment.
3. All enquiries and other communications related to this bid sent throughout the solicitation period are to be directed ONLY to the Contracting Officer named on the Invitation to Tender - Page 1. Failure to comply with this requirement may result in the bid being declared non-responsive.

### **SI04 SITE VISIT**

No site visit has been scheduled.

**SI05 REVISION OF BID**

A bid may be revised by letter or facsimile in accordance with GI10 of R2710T "General Instructions to Bidders". The facsimile number for receipt of revisions is (902) 496-5016.

**SI06 BID RESULTS**

1. A public bid opening will be held in the office designated on the Front Page "Invitation to Tender" for the receipt of bids shortly after the time set for solicitation closing.
2. Following solicitation closing, bid results may be obtained by calling No. (902) 496-5001.

**SI07 INSUFFICIENT FUNDING**

In the event that the lowest compliant bid exceeds the amount of funding allocated for the Work, Canada in its sole discretion may

- a. cancel the solicitation; or
- b. obtain additional funding and award the Contract to the Bidder submitting the lowest compliant bid; and/or
- c. negotiate a reduction in the bid price and/or scope of work of not more than 15% with the Bidder submitting the lowest compliant bid. Should an agreement satisfactory to Canada not be reached, Canada shall exercise option (a) or (b).

**SI08 BID VALIDITY PERIOD**

1. Canada reserves the right to seek an extension to the bid validity period prescribed in BA04 of the Bid and Acceptance Form. Upon notification in writing from Canada, Bidders shall have the option to either accept or reject the proposed extension.
2. If the extension referred to in paragraph 1. of SI08 is accepted, in writing, by all those who submitted bids, then Canada shall continue immediately with the evaluation of the bids and its approvals processes.
3. If the extension referred to in paragraph 1. of SI08 is not accepted in writing by all those who submitted bids then Canada shall, at its sole discretion, either
  - a. continue to evaluate the bids of those who have accepted the proposed extension and seek the necessary approvals; or
  - b. cancel the invitation to tender.
4. The provisions expressed herein do not in any manner limit Canada's rights in law or under GI11 of R2710T "General Instructions to Bidders".

**SI09 CONSTRUCTION DOCUMENTS**

The successful Contractor will be provided with one paper copy of the sealed and signed drawings, the specifications and the amendments upon acceptance of the offer. Obtaining more copies shall be the responsibility of the Contractor including costs.

**SI10 WEB SITES**

The connection to some of the Web sites in the solicitation documents is established by the use of hyperlinks. The following is a list of the addresses of the Web sites:

Treasury Board Appendix L, Acceptable Bonding Companies

<http://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=14494&section=text#appl>

Contracts Canada (Buy and Sell) <https://www.achatsetventes-buyandsell.gc.ca/eng/welcome>

Canadian economic sanctions <http://www.international.gc.ca/sanctions/index.aspx?lang=eng>

Contractor Performance Evaluation Report (Form PWGSC-TPSGC 2913)

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/2913.pdf>

Bid Bond (form PWGSC-TPSGC 504) <http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/504.pdf>

Performance Bond (form PWGSC-TPSGC 505)

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/505.pdf>

Labour and Material Payment Bond (form PWGSC-TPSGC 506)

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/506.pdf>

Certificate of Insurance (form PWGSC-TPSGC 357)

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/357.pdf>

Standard Acquisition Clauses and Conditions (SACC) Manual

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>

Schedules of Wage Rates for Federal Construction Contracts

[http://www.rhdcc-hrsdc.gc.ca/eng/labour/employment\\_standards/contracts/schedule/index.shtml](http://www.rhdcc-hrsdc.gc.ca/eng/labour/employment_standards/contracts/schedule/index.shtml)

PWGSC, Industrial Security Services <Http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>

PWGSC, Code of Conduct and Certifications

<Http://www.tpsgc-pwgsc.gc.ca/app-acq/cndt-cndct/index-eng.html>

PWGSC Consent to a Criminal Record Verification (PWGSC-TPSGC 229)

<Http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/229.pdf>

**SC01 ASPHALT CEMENT PRICE ADJUSTMENT**

1. The price of asphalt cement incorporated into hot mix asphalt shall be adjusted for each month in which paving occurs when the price index for that month differs by more than 5% from the price index for the month prior to bid closing. The price adjustment shall be calculated in accordance with the applicable price adjustment formula of paragraph 2..
2. Price Adjustment formulae:
  - a. When the price index, for the month in which paving occurs, is higher than 105% of the price index for the month prior to bid closing, Canada shall pay the Contractor a compensation of:  
(Example based on a 5% increase)  
 $PA = (IM - 1.05 IB) \times \text{quantity of asphalt cement in tonnes}$
  - b. When the price index, for the month in which paving occurs, is less than 95% of the price index for the month prior to bid closing, Canada shall deduct an amount from the monthly payment to the Contractor of:  
(Example based on a 5% decrease)  
 $PA = (.95IB - IM) \times \text{quantity of asphalt cement in tonnes}$

PA = payment adjustment for asphalt cement, in dollars  
 IB = asphalt cement price index for the month prior to bid closing  
 IM = asphalt cement price index for the month in which paving occurs

The price index shall be the Asphalt Cement Price Index published monthly by the Ontario Ministry of Transportation (MTO) in the Contract Bulletin displayed on the MTO Web site [www.raqs.mto.gov.on.ca](http://www.raqs.mto.gov.on.ca). This price index shall be used to calculate the adjustment per tonne of all grades of asphalt cement accepted into the Work.
3. For each month in which a payment adjustment is made, Canada shall use the fixed asphalt cement content of the final job mix formula to determine the asphalt cement quantity that is used.
4. The payment adjustments shall be made on the monthly Request for Progress Payment form for the months in which hot mix paving occurs.

## CONTRACT DOCUMENTS (CD)

1. The following are the contract documents:

- a. Contract Page when signed by Canada;
- b. Duly completed Bid and Acceptance Form and any Appendices attached thereto;
- c. Drawings and Specifications;
- d. General Conditions and clauses
 

GC1 General Provisions	R2810D	(2013-04-25);
GC2 Administration of the Contract	R2820D	(2012-07-16);
GC3 Execution and Control of the Work	R2830D	(2010-01-11);
GC4 Protective Measures	R2840D	(2008-05-12);
GC5 Terms of Payment	R2850D	(2010-01-11);
GC6 Delays and Changes in the Work	R2860D	(2013-04-25);
GC7 Default, Suspension or Termination of Contract	R2870D	(2008-05-12);
GC8 Dispute Resolution	R2880D	(2012-07-16);
GC9 Contract Security	R2890D	(2012-07-16);
GC10 Insurance	R2900D	(2008-05-12);
Supplementary Conditions		
Insurance Terms	R2910D	(2008-12-12);
Fair Wages and Hours of Labour - Labour Conditions	R2940D	(2012-07-16);
Allowable Costs for Contract Changes Under GC6.4.1	R2950D	(2007-05-25);
Schedules of Wage Rates for Federal Construction Contracts;		

e. Any amendment issued or any allowable bid revision received before the date and time set for solicitation closing;

f. Any amendment incorporated by mutual agreement between Canada and the Contractor before acceptance of the bid; and

g. Any amendment or variation of the contract documents that is made in accordance with the General Conditions.

2. The documents identified by title, number and date above are incorporated by reference and are set out in the Standard Acquisition Clauses and Conditions (SACC) Manual, issued by Public Works and Government Services Canada (PWGSC). The SACC Manual is available on the PWGSC Web site: <https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>

3. Schedules of Wage Rates for Federal Construction Contracts is included by reference and may be accessed from the Web site:

[http://www.rhdcc-hrsdc.gc.ca/eng/labour/employment\\_standards/contracts/schedule/index.shtml](http://www.rhdcc-hrsdc.gc.ca/eng/labour/employment_standards/contracts/schedule/index.shtml).

4. The language of the contract documents is the language of the Bid and Acceptance Form submitted.



## BID AND ACCEPTANCE FORM (BA)

### BA01 IDENTIFICATION

E0225-141210/A

Buoy Maintenance Area Upgrades, Bedford Institute of Oceanography, Nova Scotia

### BA02 BUSINESS NAME AND ADDRESS OF BIDDER

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ PBN: \_\_\_\_\_

### BA03 THE OFFER

The Bidder offers to Canada to perform and complete the Work for the above named project in accordance with the Bid Documents for the **TOTAL BID AMOUNT INDICATED IN APPENDIX 1.**

### BA04 BID VALIDITY PERIOD

The bid shall not be withdrawn for a period of 30 days following the date of solicitation closing.

### BA05 ACCEPTANCE AND CONTRACT

Upon acceptance of the Contractor's offer by Canada, a binding Contract shall be formed between Canada and the Contractor. The documents forming the Contract shall be the contract documents identified in Contract Documents (CD).

### BA06 CONSTRUCTION TIME

The Contractor shall perform and complete the Work by June 15, 2014.

### BA07 BID SECURITY

The Bidder is enclosing bid security with its bid in accordance with GI08 - Bid Security Requirements of R2710T - General Instructions to Bidders.

### BA08 SIGNATURE

\_\_\_\_\_  
Name and title of person authorized to sign on behalf of Bidder (Type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## APPENDIX 1 - COMBINED PRICE FORM (5 pages)

- 1) The prices per unit shall govern in establishing the Total Extended Amount. Any arithmetical errors in this Appendix will be corrected by Canada.
- 2) Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

### LUMP SUM

The Lump Sum Amount designates Work to which a Lump Sum Arrangement applies.

- (a) Work included in the Lump Sum Amount represents all work not included in the unit price table.

<b>LUMP SUM AMOUNT (LSA)</b> Excluding applicable taxes	
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### UNIT PRICE TABLE

The Unit Price Table designates Work to which a Unit Price Arrangement applies.

- (a) Work included in each item is as described in the referenced specification section.
- (b) The Price per Unit shall not include any amounts for Work that is not included in that unit price Item.

Item	Specification Reference	Class of Labour, Plant or Material		Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable taxes extra (PU)	Extended amount (EQ x PU) applicable taxes extra
1	31 11 00	Clearing		m <sup>2</sup>	2,600		
2	31 11 00	Grubbing		m <sup>2</sup>	2,600		
	31 22 13 31 23 10	Mass Excavation and Embankment - 10,300 m <sup>3</sup> Total Common					
3.1			Embankment elements	m <sup>3</sup>	9,100		
3.2			Disposal of off-site	m <sup>3</sup>	1,200		
4	31 23 16	Mass Excavation and Embankment - Rock		m <sup>3</sup>	2,420		
5	31 23 16	Trench Excavation - Rock		m <sup>3</sup>	75		
6	31 23 10	Mass Excavation - Unsuitable Material		m <sup>3</sup>	500		
7	31 23 10	Replacement of Unsuitable or Contaminated Soils with Structural Fill		m <sup>3</sup>	500		

Item	Specification Reference	Class of Labour, Plant or Material		Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable taxes extra (PU)	Extended amount (EQ x PU) applicable taxes extra
	33 11 00	Watermain					
8.1			200 mm Class 52 D.I.	m	150		
8.2			150 mm Class 52 D.I.	m	95		
9	33 11 00	Fire Hydrants		Ea	3		
	33 11 00	Direct Buried Valves					
10.1			200mm dia	Ea	4		
10.2			150mm dia	Ea	2		
	33 41 00	Storm Gravity Pipe					
11.1			900mm dia conc.	m	173		
11.2			750mm dia conc.	m	30		
11.3			600 dia conc.	m	99		
11.4			450 dia conc.	m	27		
11.5			200 dia PVC	m	28		
	33 39 00	Storm Catchbasins and Manholes					
12.1			3000mm dia	Ea	2		
12.2			1800mm dia	Ea	1		
12.3			1500mm dia	Ea	6		
	33 39 00	Storm Headwalls					
13.1			900mm size	Ea	4		
13.2			600mm size	Ea	2		
13.3			450mm size	Ea	2		
	33 31 00	Sanitary Gravity Pipe					

Item	Specification Reference	Class of Labour, Plant or Material		Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable taxes extra (PU)	Extended amount (EQ x PU) applicable taxes extra
14.1			200mm dia PVC	m	145		
14.2			150mm dia PVC	m	34		
		Sanitary Manholes					
15.1	33 39 00		1200mm dia	Ea	3		
15.2			1050mm dia	Ea	2		
16	33 31 00 33 41 00	Closed Circuit Television (CCTV) Inspection		m	578		
17	26 56 19	High-Mast Lighting Tower		Ea	8		
18	33 65 76	Concrete Encased Ductbank		m	80		
		Bollards					
19.1	05 50 00		Insulated	Ea	10		
19.2			Conventional	Ea	8		
20	31 23 10	Armour Stone Swale		m	700		
		Rip Rap					
21.1	31 23 10		750mm Nominal	m <sup>2</sup>	1,210		
21.2			400mm Nominal	m <sup>2</sup>	600		
22	31 23 10	Surge - Type C3		m <sup>3</sup>	250		
23	31 23 10	Boulder Safety Barrier		m	150		
		Gravel - Type 1					
24.1	32 11 16		150mm thick	tonne	5,060		
	32 11 16	Gravel - Type 2					

Item	Specification Reference	Class of Labour, Plant or Material		Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable taxes extra (PU)	Extended amount (EQ x PU) applicable taxes extra
25.1			150mm Thick (reclaimed)	tonne	2,625		
25.2			350mm Thick	tonne	6,580		
25.3			450mm Thick	tonne	4,160		
		Asphalt					
26.1	32 12 16		40mm Type C-HF Asphalt and Tack Coat	tonne	930		
26.2			50mm Type B-HF Asphalt and Prime Coat	tonne	1,160		
		Concrete Specialties					
27.1	03 30 00		Washdown Pad	m²	367		
27.2			Chain Laydown Area	m²	432		
28	34 71 13	W-Beam Guiderail		m	170		
29	32 31 13	Fencing, Chainlink		m	240		
30	32 91 23	Topsoil and Sod		m²	310		
31	32 92 19	Hydraulic Seeding		m²	3,000		
32	33 39 00	Jersey Barrier Unit		Ea	7		
33	01 57 00	Sediment Control Fence		m	300		
34	01 57 00	Sediment Control Berm		Ea	5		
	02 41 00	Demolition and Removal					
35.1			Storm System Demolition	m	81		

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Item	Specification Reference	Class of Labour, Plant or Material		Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable taxes extra (PU)	Extended amount (EQ x PU) applicable taxes extra
35.2			Storm Manhole / Catchbasin Demolition	Ea	1		
35.3			Disposal of Existing Construction Waste	tonne	2,800		
35.4			Disposal of Existing Fencing	m	140		

**TOTAL BID AMOUNT**

<b>TOTAL BID AMOUNT (LSA +TEA)</b> Excluding applicable taxes	
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