



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Public Works and Government Services / Travaux
publics et services gouvernementaux
Kingston Procurement
Des Acquisitions Kingston
86 Clarence Street, 2nd floor
Kingston
Ontario
K7L 1X3
Bid Fax: (613) 545-8067

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

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

Issuing Office - Bureau de distribution
Public Works and Government Services / Travaux
publics et services gouvernementaux
Kingston Procurement
Des Acquisitions Kingston
86 Clarence Street, 2nd floor
Kingston
Ontario
K7L 1X3

Title - Sujet Environmental Investigations Stony	
Solicitation No. - N° de l'invitation EN438-188001/A	Amendment No. - N° modif. 005
Client Reference No. - N° de référence du client EN438-18-8001	Date 2018-06-12
GETS Reference No. - N° de référence de SEAG PW-\$KIN-615-7490	
File No. - N° de dossier KIN-8-50002 (615)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-06-19	
Time Zone Fuseau horaire Eastern Daylight Saving Time EDT	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Denbeigh, Andrew	Buyer Id - Id de l'acheteur kin615
Telephone No. - N° de téléphone (613) 484-1586 ()	FAX No. - N° de FAX (613) 545-8067
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Public Service and Procurement Canada 340 Albert Street, 10th Floor OTTAWA ON K1A 0S5 Attention: Anthony Gariano	

Instructions: See Herein

Instructions: Voir aux présentes

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

Amendment 005 to Solicitation EN438-188001/A – Environmental Investigations Stony Point First Nations, Ontario

The purpose of this amendment is to:

- 1. Post questions received from Suppliers and their respective answers;**
 - 2. Replacement of Basis of Payment.**
-

Question 1:

For boreholes in overburden or bedrock. Is this item now expected to also include consultants' technicians' time to collect soil samples during drilling?

Answer 1:

No. Do not include consultants' technicians' time to collect soil samples during drilling in the cost per meter. The sampling will be priced using Pricing Basis "A". Please refer to the revised Basis of Payment for more details.

Question 2:

For installation of Piezometers. Is this line item now expected to include consultants' technicians' time for purging and sampling? If so, can you please also provide details on the anticipated purge volumes and hydraulic conductivities of the various formations to be sampled in order to assess the time that will be required to purge and collect samples, or specify an assumed period that will be required to purge and sample each piezometer, for cost calculation purposes.

Answer 2:

Do not include consultants' technicians' time for purging and sampling in the Pricing Basis "B" fees. The consultants' technicians' time for purging and sampling will be invoiced using Pricing Basis "A" fees. Reports from the previous sampling are available from GCcollab site with the other reference documents.

Question 3:

The Units for Borehole Drilling in Overburden and in Bedrock are shown as cost per meter for year 1 and year 2. It is assumed that the estimated annual usage shown is therefore also in meters. Can you please confirm? Can you also please specify if this is to be one 5 m borehole, or 5 one meter boreholes, or some other combination thereof, as that will have a significant impact on overall drilling and sampling costs to be included in the estimate?

Answer 3:

The estimated usage is in meters. The average borehole depth on the site is approximately 5.5 meters.

Question 4:

With respect to borehole drilling (overburden and bedrock), can you please clarify what is meant by "soil sampling and management"? Does PWGSC intend for this unit cost to include containerization of waste soil cuttings and off-site disposal?

Answer 4:

Contaminated soil must be disposed according to the laws and regulations. This cost will be charged as a disbursement and not included in the per meter fee for borehole.

Question 5:

With respect to borehole drilling (overburden and bedrock) and the statement that "supplies can be claimed as disbursements", is it PWGSC's intent that anticipated supplies be claimed separately from these costs (per meter)?

Answer 5:

Yes, supplies for boreholes are to be claimed as disbursements instead of being included in the per meter pricing for the boreholes.

Question 6:

Can you please clarify if "piezometers" are intended to be groundwater monitoring wells for sampling purposes?

Answer 6:

Yes.

Question 7:

For Piezometer installation, are there specific technical requirements on construction (e.g., 2-inch diameter PVC pipe, above-ground protective casings, etc)?

Answer 7:

Standard practise. See reports in GCCollab for more detail concerning piezo construction.

Question 8:

Is it PWGSC's intent that the piezo installation costs be stand-alone from drilling, or do we assume that wells would be installed following borehole drilling?

Answer 8:

Yes, the Piezo will be priced separately (in accordance with Pricing Basis "B") whether install at the same time as the borehole or installed after borehole.

Question 9:

With respect to Piezometer Installation, and the statement that "supplies can be claimed as disbursements", it is PWGSC's intent that anticipated supplies be claimed separately from these costs (per meter)?

Answer 9:

Yes piezometer installation supplies should be priced as disbursements.

Question 10:

Can you please clarify what is meant by "water sampling and management"? Does PWGSC intend for this unit cost to include containerization of waste purge water and off-site disposal?

Answer 10:

Contaminated water must be disposed according to the laws and regulations. This cost will be charged as a disbursement and not included in the per meter fee for borehole. Please refer to the revised Basis of Payment for more details.

Question 11:

Typically well development and sampling is carried out by field personnel (not the subcontractor). Is it PWGSC's intent that the piezometer installation cost cover all labour by all parties regarding installation, development and sampling?

Answer 11:

The fees for the development and sampling should not be included in the price for piezometer installation, instead it will be from Pricing Basis "A". Please refer to the revised Basis of Payment for more details.

ANNEX "B", BASIS OF PAYMENT

Delete all previous versions of the Basis of Payment and insert the following:

Pricing Periods:

Year 1: date of award to March 31, 2019;
Year 2: April 1, 2019 to March 31, 2020;
Year 3: (optional) April 1, 2020 to March 31, 2021;
Year 4: (optional) April 1, 2021 to March 31, 2022;
Year 5: (optional) April 1, 2022 to March 31, 2023.

All pricing is in Canadian currency and does not include HST or GST (which must be shown as a separate item on invoices).

Estimated Usages:

Estimated usages are for evaluation purposes only and do not commit Canada to payment that exceeds that actual usage which is authorized. All Work under this Contract must be authorized by signed (DND 626 form) Task Authorizations before it is performed.

Call-in Price for travel mobilization and demobilization

This is an all-inclusive lot price which includes profit, overhead, each resource's travelling expenses (truck rail, plane, etc.), accommodations while travelling, labour fees while travelling, movement of equipment required, to and from the work site plus one hour of onsite productive labour. Call-in pricing will not be applied if the person is already at the location. It will be charged only once per call up for each person. This rate applies to the Contractor and their subcontractors for all travel to Stony Point First Nation worksite and Ottawa offices of DND. Fees for Accommodations while on site will be paid as stated under Living Expenses

Living Expenses - National Joint Council Travel Directive

The Contractor will be reimbursed its authorized living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal and commercial accommodation expenses provided in Appendices B, C and D of the [National Joint Council Travel Directive](#) and with the other provisions of the directive referring to "travellers", rather than those referring to "employees". All travel must have the prior authorization of the Project Administrative Authority. All payments are subject to government audit.
Estimated Cost: \$ 30,000/year.

Disbursements

Any requirements and costs for subcontractors, laboratory testing, materials, supplies, or rental of equipment must be identified in the signed Task Authorization Form and the claims for payment. These will be claimed at actual cost to Contractor with no mark-up or overhead for Contractor. Unless authorized by the Project Authority on the DND 626 form, the Contractor must tender (to at least 3 qualified bidders) all requirements for goods or services that exceed \$10,000.00 and select the lowest bidder.

Pricing Basis "A", Call-in and Labour rates
Firm all-inclusive Hourly Rates for Labour

Firm hourly rates for Contractor's personnel and ceiling rates for subcontractors, including but not limited to: overhead, profit, direct labour, supervision and standard equipment. Rates are in Canadian currency and do not include HST. Standard equipment consists of items required for the normal performance of work, including personal protective equipment, camera, hand tools, handheld GPS (minimum accuracy of ± 3 m), computers and software, two-way radios and cellular phones. Labour rates will be used for approved productive work, waiting and travel.

IT E M	Category of Personnel	Estimated Annual Usage in hours	Year 1 Firm Hourly Rates	Year 2 Firm Hourly Rates	Estimated Call-ins to Stony Point per year	Year 1 Call-in Rates Stony Point	Year 2 Call-in Rates Stony Point	Estimated Call-ins to Ottawa per year	Year 1 Call-in Rates Ottawa	Year 2 Call-in Rates Ottawa
1	Project Manager	110	\$	\$	1	\$	\$	1	\$	\$
2	Senior Environmental Professional	55	\$	\$	1	\$	\$	1	\$	\$
3	Senior HHERA Professional	55	\$	\$	1	\$	\$	1	\$	\$
4	Senior Biologist	40	\$	\$	1	\$	\$	1	\$	\$
5	Senior Archaeologist	80	\$	\$	2	\$	\$	1	\$	\$
6	Senior Field Technician	150	\$	\$	1	\$	\$	0	\$	\$
7	Intermediate Environmental Professional	500	\$	\$	1	\$	\$	1	\$	\$
8	Intermediate Field technician	150	\$	\$	1	\$	\$	0	\$	\$
9	Junior Environmental Professional	270	\$	\$	1	\$	\$	0	\$	\$
10	Junior Field Technician	150	\$	\$	4	\$	\$	0	\$	\$
11	Biologist Assistant	80	\$	\$	2	\$	\$	0	\$	\$
12	GIS Analyst	100	\$	\$	0	\$	\$	0	\$	\$
13	Field Guide	100	\$	\$	6	\$	\$	0	\$	\$
14	Administration	40	\$	\$	0	\$	\$	0	\$	\$

Pricing Basis "B", BOREHOLES AND INSTALLATION OF PIEZOMETERS

DESCRIPTION	Estimated annual usage	cost per meter Year 1	cost per meter Year 2	Estimated Call-ins per year	Year 1 Call-in Rates	Year 2 Call-in Rates
BOREHOLES IN OVERBURDEN (Sand, Clay, etc.) SOIL (including drilling technician's labour, equipment, supplies will be claimed as disbursements)	11	\$	\$	1	\$	\$
BOREHOLES IN BEDROCK (including drilling technician's labour, equipment, supplies will be claimed as disbursements)	11	\$	\$	1	\$	\$
TEST PITs	10	\$	\$	1	\$	\$
DESCRIPTION	Estimated annual usage	cost each Year 1	cost each Year 2	Estimated Call-ins per year	Year 1 Call-in Rates	Year 2 Call-in Rates
INSTALLATION OF PIEZOMETERS (UP TO 3M LENGTH) - (including equipment, drilling technician's labour, installing, supplies will be claimed as disbursements)	1	\$	\$	1	\$	\$
INSTALLATION OF PIEZOMETERS (>3M TO 7M LENGTH) - (including equipment, drilling technician's labour, installing, supplies will be claimed as disbursements)	8	\$	\$	1	\$	\$
INSTALLATION OF PIEZOMETERS (>7M TO 12M LENGTH) - (including equipment, drilling technician's labour, installing, supplies will be claimed as disbursements)	1	\$	\$	1	\$	\$

PRICING BASIS “C”, SOIL ANALYSES

This does not include sampling costs

PARAMETERS	Estimated annual usage	unit cost Year 1	unit cost Year 2
PAHs (polycyclic aromatic hydrocarbons)	10	\$	\$
Petroleum hydrocarbons by fraction (CCME)	10	\$	\$
PCBs (polychlorinated biphenyls)	10	\$	\$
Metals screened – 13 metals (Ag, As, Ba, Cd, Cr, Mn, Al, Fe, Cu, Pb, Hg, Ni, Zn)	20	\$	\$
VOCs (volatile organic compounds)	10	\$	\$
PFAS (per and polyfluoroalkyl substances)			
Energetics: nitroamines, nitroaromatics, nitrate esters (HMX, RDX, 1,3,5-trinitrobenzene, 1,3-dinitrobenzene, nitrobenzene, 3,5-dinitroaniline, nitroglycerin, tetryl, 2,4,6-trinitrotoluene, 2-amino-4,6-dinitrotoluene, 4-amino-2,6-dinitrotoluene, 2,4-dinitrotoluene, 2,6-dinitrotoluene, 2-nitrotoluene, 4-nitrotoluene, 3-nitrotoluene, pentaerythritol tetranitrate (PETN), 1,2-dinitrobenzene)	20	\$	\$

PRICING BASIS “D”, WATER ANALYSIS

This does not include sampling costs

PARAMETERS	Estimated annual usage	unit cost Year 1	unit cost Year 2
PAHs	10	\$	\$
Petroleum hydrocarbons by fraction	10	\$	\$
Metals screened – 13 metals (Ag, As, Ba, Cd, Cr, Mn, Al, Fe, Cu, Pb, Hg, Ni, Zn)	25	\$	\$
VOCs	10	\$	\$
PFAS	10	\$	\$
Coliforms (total and fecal)	10	\$	\$
Energetics: nitroamines, nitroaromatics, nitrate esters (HMX, RDX, 1,3,5-trinitrobenzene, 1,3-dinitrobenzene, nitrobenzene, 3,5-dinitroaniline, nitroglycerin, tetryl, 2,4,6-trinitrotoluene, 2-amino-4,6-dinitrotoluene, 4-amino-2,6-dinitrotoluene, 2,4-dinitrotoluene, 2,6-dinitrotoluene, 2-nitrotoluene, 4-nitrotoluene, 3-nitrotoluene, pentaerythritol tetranitrate (PETN), 1,2-dinitrobenzene)	25	\$	\$

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED