



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Public Works and Government Services Canada
ATB Place North Tower
10025 Jasper Avenue
Edmonton
Alberta
T5J 1S6
Bid Fax: (780) 497-3510

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 Canada
Northern Contaminated Site Program
ATB Place North Tower
10025 Jasper Avenue
Edmonton
Alberta
T5J 1S6

Title - Sujet Garden River Remediation	
Solicitation No. - N° de l'invitation EW699-171528/A	Amendment No. - N° modif. 006
Client Reference No. - N° de référence du client PARKS EW699-171528	Date 2017-01-30
GETS Reference No. - N° de référence de SEAG PW-\$NCS-003-10933	
File No. - N° de dossier NCS-6-39181 (003)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-02-03	
Time Zone Fuseau horaire Mountain Standard Time MST	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Bilous, Isabelle	Buyer Id - Id de l'acheteur ncs003
Telephone No. - N° de téléphone (780) 782-8714 ()	FAX No. - N° de FAX (780) 497-3510
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

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

This amendment is raised to modify Solicitation EW699-171528/A as follows:

**1) REVISED CLOSING DATE OF:
02:00 PM MST on 2017-02-03**

2) Questions & Answers

- Q1:** Can you confirm the seed mixture to be used. Also, the application rate for the seed as well as the fertilizer application rate.
- A1:** The contractor is required to source the seed mixture as close as possible to the native grasses outlined below. Seed certificates should always be obtained, reviewed and approved by Parks Canada Agency prior to purchase of native seed from the supplier. The soil should be decompacted and scarified prior to applying seed.

Common Name / Scientific Name

Tickle Grass / *Agrostis scabra*
Slough grass / *Beckmannia syzigachne*
Fringed brome / *Bromus ciliatus*
Bluejoint / *Calamagrostis canadensis*
Purple Reed Grass / *Calamagrostis purpurascens*
Tufted Hair Grass / *Deschampsia caespitosa*
Hairy Wild Rye / *Elymus innovatus*
Slender Wheatgrass / *Elymus trachycaulus*
Sheep Fescue / *Festuca ovina*
Rocky Mountain Fescue / *Festuca saximontana*
American Manna Grass / *Glyceria grandis*
Sweetgrass / *Hierochloa odorata*
June Grass / *Koeleria cristata*
Reed Canary Grass / *Phalaris arundinacea*
Glaucous Blue Grass / *Poa glauca*
Fowl Blue Grass / *Poa palustris*
Kentucky Blue Grass / *Poa pratensis*
Spike Trisetum / *Trisetum spicatum*

A sample native seed mix for Wood Buffalo National Park is as follows:

35% Slender Wheat Grass, 20% Rocky Mountain Fescue, 10% tickle Grass, 10% Fringed Brome, 10% Hairy Wildrye, 10% tufted Hairgrass, and 5% Fowl Bluegrass

- Q2:** Why does the quantity of Old Dump topsoil in the Unit Price Table not match the aerial extent of the combined waste dump areas indicated on Drawing 209.40380.00000-06? Please provide clarification.
- A2:** The total area identified on Drawing 6 for the Old Dump and the north and south satellites is 2,583 m². This is the calculated area of the waste itself, based on field investigations including test pit excavations and geophysical surveys. The actual remediation is expected to disturb the Old Dump and the satellites, as well as the areas between each waste area (e.g. between the main dump and north satellite, and between the main dump and south satellite). The restoration area identified in the bid sheet is 5,655 m², which is the estimated total area disturbed and restored.
- Q3:** Section 01 35 13.43 states that leachate should be disposed of offsite or in on-site facilities with approval of the Department Representative and the Garden River Public Works department.

What is the Departments expectation for this disposal and what on-site facilities are available? What will be the acceptance criteria for on-site disposal?

A3: PWGSC has recently confirmed that there are no on-site facilities available for accepting wastewater from this project. PWGSC's expectation is that the wastewater may consist of an aqueous liquid containing contaminants including: suspended solids, organic matter, metals, and BTEX compounds, on the basis that the Old Dump was a domestic waste landfill which may also have received some materials contaminated with hydrocarbons (e.g. fuel spills, oil filters, etc.). It is at the bidder's discretion to propose a cost effective waste water disposal method that is in accordance with all applicable regulations.

Bidders are advised that should disposal to the environment be contemplated, the wastewater must comply with, or be treated to comply with, CCME Surface Water Quality Guidelines or more stringent applicable guidelines if available. Residential/Parkland Land use is applied to the site and Freshwater Aquatic Life criteria may also be used where applicable.

Q4: There is no reasonable way of predicting or calculating the volume that will need to be managed and there is potentially a very significant cost to disposal. Would it be possible to add a line item similar to Item 7.4 to the Combined Price Form to account for this portion of the project?

A4: As previously identified in the Solicitation amendment 4, bidders may assume an estimated volume of 10,000 L will require disposal. However, the Contractor will need to be prepared to handle larger quantities, should this be necessary. See revised Unit Price Table in amendment 4 of the solicitation for new bid item Wastewater Disposal at licensed off-site facility.

Q5: We have reviewed amendment 004, and while it does make mention to the borrow pit requiring a restricted access permit, it does not confirm that the permit will be approved. The main risk being if contractors assume the fill can be sourced locally and price accordingly, then upon award it deemed not available.

Are we to assume it has been confirmed the borrow pit can be used to obtain the backfill material?

A5: Yes, a permit will be approved by Parks Canada. However, as a condition of the permit, the contractor may be required to adhere to certain mitigation measures to minimize damages to the park, such as resloping the sides of the borrow pit to minimize further erosion and potential dangers to wildlife as well as recreational users. See photographs of borrow pit in amendment to Bid Meeting Site Orientation Photos. See responses to related questions in solicitation amendment 004 Part 3 Questions Received Post-bidders' Conference.

The approximate dimensions of the old borrow pit are 137 m x 90 m. No known geotechnical or survey information is available for the borrow pit at the time of this solicitation. However, potential quantities of 13,500 m³ of borrow material may be assumed for costing purposes. This volume is based on qualitative information and approximate dimensions of the old borrow pit area. It still remains the contractor's responsibility to adhere to the specification requirements.

Refer to the attachment *photos_garden_river.zip*

Q6: Can you please confirm the density of the HDPE and the LLDPE should both be 0.94 g/cc?

A6: The density of the HDPE sheet shall remain as specified. The density of the LLDPE shall be ≤ 0.939 g/cc.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.