



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Public Works and Government Services Canada
ATB Place North Tower
10025 Jasper Ave./10025 ave. Jasper
5th floor/5e étage
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
ATB Place North Tower
10025 Jasper Ave./10025 ave Jasper
5th floor/5e étage
Edmonton
Alberta
T5J 1S6

Title - Sujet Culvert Replacement	
Solicitation No. - N° de l'invitation EW038-170023/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client PARKS EW038-170023	Date 2016-07-12
GETS Reference No. - N° de référence de SEAG PW-\$PWU-023-10785	
File No. - N° de dossier PWU-6-39059 (023)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-07-18	
Time Zone Fuseau horaire Mountain Daylight Saving Time MDT	
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: Taylor (RPC), Ian	Buyer Id - Id de l'acheteur pwu023
Telephone No. - N° de téléphone (780) 566-9487 ()	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 addendum is provided as a clarification to the received questions and noted items in the Specifications.

Question #1:

Will it be acceptable to stockpile excavated material in the parking lot prior to hauling it away for disposal?

Answer #1

Refer to Division 01 10 00 Section 1.6 Contractor use of the premises.

Question #2:

Will it be acceptable to stockpile snow removed from the construction area on the walking path to the south side of the culvert construction zone?

Answer #2:

Refer to Division 01 10 00 Section 1.6 Contractor use of the premises.

Question #3:

Material grades - The specs offer a range of material grades for steel but refer back to the drawings for specific grades for various components. There are no general notes or listings of material requirements on the drawings. There is also no mention of finishes for the steel. For example, we would assume the railings are Galvanized? This would also apply to the foundation frames. Is the Girder steel weathering steel (350A or AT) or is it also galvanized. These girders are of a size that they could be galvanized? If weathering steel, it may be difficult to get the bracing or other small members in this grade.

Answer #3:

Please see Division 05 50 00 for Bridge rails, pipe sleeve, pipe insulation box and support system.

General notes can be found in drawing G02 – General Notes with material specifications.

Abutment steel pipe columns, caps and braces shall be Hot Dip Galvanized.

Question #4:

There is a note on drawing C-03 that indicates 300 m2 of class 2 rip rap. However, drawing S-01 (bridge elevation) shows class 1M rip rap and class 2 rip rap. Please confirm quantity and extent of class type 1M rip rap.

Answer #4:

Please be advised that this is a "Lump Sum Contract" and the approximate quantity provided is for information only. The contractor is responsible to determine the quantities. Extent of material is as shown on the drawings.

Question #5:

Are there tender forms for cost breakdown for Miette Hot Springs Sulphur Creek Culvert Replacement project? Is here a tender line item cost breakdown required for this tender?

Answer # 5:

Bid forms are provided in the tender package. This is a lump sum contract. However, the successful bidder will be required to provide a complete cost breakdown of the total contract amount.

Addenda to Specifications:

A. Division 01 10 00:
Section 1.15.4 shall be deleted.

B. Division 01 35 43:
Part 3 Products
Section 3.1.2 Replace the term "Jasper Nation Park" with Jasper National Park.

C. Division 01 35 43:
Part 3 Products
Section 3.1 Seed Mix, add the following subsections:

.3 Weather Conditions

- .1 *Work shall not be performed under adverse field conditions such as frozen soils, excessively wet or dry soil, or soil wetted with snow, ice or standing water.*
- .2 *Mulching shall not take place when wind conditions are such that material is being carried beyond the designated work areas or that the material is not being uniformly applied.*
- .3 *Must be applied during calm conditions and dry forecast for ≥ 24 hours.*

.4 Materials

- .1 *Mulch shall be clean and free of weeds and other foreign matter.*
- .2 *Mulch shall be 100% biodegradable, compatible with the environment, and shall contain no germination inhibiting components (unless project warrants the use of inorganic mulches).*
- .3 *Hydraulic mulch materials for use in Jasper National Park must be one of the following types:*
- .4 *Wood Fiber:*
 - .1 Wood fiber mulch is a component of hydraulic applications.
 - .2 Wood fiber must be a minimum of 4 mm
 - .3 Must be manufactured virgin wood fibers

.5 *Hydraulic Matrix:*

- .1 Hydraulic matrix is a combination of wood fiber mulch and tackifier applied as a slurry.

.6 *Bonded Fibre Matrix (BFM):*

- .1 Bonded fiber matrix (BFM) is a hydraulically-applied system of fibers and adhesives that upon drying forms an erosion-resistant blanket that promotes vegetation, and prevents soil erosion.
- .2 Tackifier must be capable of joining together the mulch particles to secure the mulch to the ground. The binder shall not form an impervious seal that will prevent the penetration of moisture to underlying soil.
- .3 Water supplied by the Contractor shall be free of any impurities that might inhibit germination of the seed.

.5 Application:

.1 *Wood Fiber:*

- .1 It is typically applied at the rate of 2,250 to 4,500 kilograms per hectare (kg/ha) (2,000 to 4,000 lb/ac) with 0-5% by weight of a stabilizing emulsion or tackifier (e.g., guar, psyllium, acrylic copolymer) and applied as a slurry.

.2 *Hydraulic Matrix:*

- .1 It is typically applied at the rate of 2,250 to 4,500 kg/ha with 5-10% by weight of a stabilizing emulsion or tackifier (e.g., guar, psyllium, acrylic copolymer).

.3 *Bonded Fibre Matrix (BFM):*

- .1 BFMs are typically applied at rates from 3,400 kg/ha to 4,500 kg/ha based on the manufacturer's recommendation. The biodegradable BFM is composed of materials that are 100% biodegradable. The binder in the BFM should also be biodegradable and should not dissolve or disperse upon re-wetting. Typically, biodegradable BFMs should not be applied immediately before, during or immediately after rainfall if the soil is saturated. Depending on the product, BFMs require 12 to 24 hours to dry to become effective.

All other terms and conditions of the Invitation to Tender remain unchanged.