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Public Works and Government Services Canada  
ATB Place North Tower  
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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

<b>Title - Sujet</b> Waste Water Upgrade	
<b>Solicitation No. - N° de l'invitation</b> EW038-170378/A	<b>Amendment No. - N° modif.</b> 013
<b>Client Reference No. - N° de référence du client</b> Parks EW038-170378	<b>Date</b> 2016-07-29
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-183-10786	
<b>File No. - N° de dossier</b> PWU-6-39045 (183)	<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 2016-08-09</b>	
<b>Time Zone</b> Fuseau horaire Mountain Daylight Saving Time MDT	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Tikhonovitch (RPC), Alex	<b>Buyer Id - Id de l'acheteur</b> pwu183
<b>Telephone No. - N° de téléphone</b> (780) 901-7940 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

Instructions: See Herein

Instructions: Voir aux présentes

<b>Delivery Required - Livraison exigée</b>	<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/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

**ADDENDUM NO. 12  
TO THE  
CONTRACT SPECIFICATIONS  
FOR THE MIETTE HOT SPRINGS  
WASTEWATER TREATMENT PLANT UPGRADES  
JULY 2016**

To All Bidders:

July 26, 2016

The following changes, additions, and/or deletions are hereby made a part of the Contract Specifications for "Miette Hot Springs Wastewater Treatment Plant Upgrades Contract Specifications" as fully and completely as if the same were fully set forth therein:

**1 Drawings**

**1.1 DRAWING M-05 – CHEMICAL SYSTEMS**

- .1 Replace existing M-05 with the M-05 drawing included in this addendum.

**1.2 DRAWING M-06 – SITE PLAN AND SECTIONS**

- .1 Replace existing M-06 and previously submitted M-06 in Addendum 10 with the M-06 drawing included in this addendum.

**1.3 DRAWING M-09 – POOL MECHANICAL ROOM**

- .1 Replace existing M-09 with the M-09 drawing included in this addendum.

**1.4 DRAWING S-01 – STRUCTURAL EQUIPMENT FOUNDATIONS**

- .1 Replace existing S-01 with the S-01 drawing included in this addendum.

**1.5 DRAWING I-05 – PLC-801 CABINET LAYOUT AND BILL OF MATERIALS**

- .1 Add drawing I-05 in this addendum.

**1.6 DRAWING I-06 – PLC-801 POWER DISTRIBUTION SCHEMATIC**

- .1 Add drawing I-06 in this addendum.

**2 Specifications**

**2.1 SECTION 03 30 00 – CAST-IN-PLACE CONCRETE**

- .1 Please Replace Item 2.2.6.2.1:
  - .1 "For equipment bases – M-Bed Standard by Sika."With the following:

.1 “For equipment bases – M-Bed Standard by Sika or approved alternative.”

**2.2 SECTION 25 31 00 – INSTRUMENTATION FIELD INSTRUMENTS**

.1 Please add attached Instrument Specification Sheets to Section 25 31 00.

**2.3 SECTION 33 07 16 – FACTORY PRE-INSULATED PIPING SYSTEMS FOR OUTDOOR PIPING**

.1 Please add attached Section 33 07 16 for outdoor underground buried pipe insulation details.

**2.4 SECTION 44 41 32 – PROCESS PIPING MATERIALS AND METHODS**

.1 In Item 2.1

.1 Replace all plug valves with full port version (Dezurik PEF series or equivalent alternate).

**2.5 SECTION 44 43 33 – SODIUM THIOSULFATE SYSTEM**

.1 Replace existing Section 44 43 33 entirely with attached version.

**2.6 SECTION 44 41 22 – INTERNAL/EXTERNAL COATING OF STEEL PIPE**

.1 Add Item 1.1.4: All the steel pipe (A1) with diameter larger than or equal to 50mm shall be internally epoxy coated as specified herein. All the steel pipes (A1) submerged or inside a water/wastewater tank shall be externally epoxy coated as specified herein.

**3 Control Philosophy – Dechlorination Systems**

.1 Replace existing sodium thiosulfate system section in the existing control narrative with the attached version.

### **Questions and Answers:**

Q1: How is the sodium thiosulfate solution skid supposed to communicate with PLC 701?

A1: Please see Addendum 12.

Q2: Please advise if the contractor needs to follow the new energy code for the posted insulation values within the new pre-engineered metal building.

A2: The contractor must submit the business license permit before November 2016. Before the new energy codes come into effect.

Q3: Based on the package we are assuming that the demolition of the existing lines is still required (confirm?)

A3: Please refer to the demolition drawings for details.

Q4: The new utilities to be install are very vaguely described in the mechanical legend and the specs have even less information on the underground piping. Can you provide any further clarification on the underground piping?

A4: Maintain soil cover, 1 m (minimum). All underground piping shall be heat-traced and insulated.

The pipe and conduit shall be Urecon pre-insulated pipe. Refer to drawing M-6 for core pipe material. Refer to specification 33 07 16 for insulation details.

Q5: Is there an area where any spoil material can be left permanently/temporarily?

A5: Refer to Spec 01 10 00, Section 1.6 – Contractor use of premises.

Q6: Can you please provide the flow rate during the off season?

A6: This information is not available. Please see Addendum 10 for past treatment data.

Q7: The scope of work says that we have to hoard / fence off the construction site, do they only require chainlink fencing or do they want wood hoarding as well? Is it to cut off the construction site visually, or is chainlink acceptable for public safety?

A7: Chainlink fencing is appropriate. The purpose is to delineate the public and wildlife e.g. mountain goats from the construction site. Refer to Spec 01 10 00, Section 1.6 – Contractor use of premises.

Q8: What is the extent that the fencing is required? Can we install it along the side that has the public walkway or does it have to be around the entire site?

A8: The fencing is required to be installed in a manner to prevent access from the public and wildlife e.g. mountain goats. Complete fencing around the entire site is not mandatory. Refer to Spec 01 10 00, Section 1.6 – Contractor use of premises.

Q9: It has been noted that drawing D-01 shows that Valve 3 is to be removed and replaced. In the plan view there is no asphalt shown near the valve, however the photo provided shows that the valve is almost directly adjacent to pavement. Please advise whether this asphalt is to be restored following the replacement of the curb stop for valve 3.

A9: Asphalt and Grass is to be restored following all valve replacements.

Q10: We would just want to know if you have available drawings for the Rotating Biological Contactor (RBC) for the above mentioned Project/Tender that could provide additional information in the preparation of our bid.

A10: Please contact the appropriate supplier as per the specification.

Q11: Demolition plan shown on drawing D-02 indicates demolition of existing RBC unit, final clarifier, and existing UV building. Please confirm if there will be any environmental issues such as existing structure containing asbestos materials, etc?

A11: Please see the Asbestos and Lead Report in the Contract Specifications.

Q12: Reference M-06, and several addenda, there is no spec on the insulation required on the outdoor buried chemical conduit. This line is 3" & 6" respectively, and there's a lot of it.

A12: Please see the Addendum 12 for new Pipe diameters and Insulation details.

Q13: Amendment 5 Note 1 refers the WWTP Contractor to be required to assume maintenance responsibility of the pathway after completion of installation of Granular base (work by Others) until it is paved under this contract. Please supply schedule of the work by Others to the start date of the maintenance pathway.

A13: Schedule for completion of installation of Granular base (work by Others) cannot be provided as other contract has not been awarded yet.