



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Public Works and Government Services Canada
Canada Place/Place du Canada
10th Floor/10e étage
9700 Jasper Ave/9700 ave Jasper
Edmonton
Alberta
T5J 4C3
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
Canada Place / Place du Canada
10th Floor / 10e étage
9700 Jasper Ave / 9700 ave Jasper
Edmonton
Alberta
T5J 4C3

Title - Sujet HVAC Upgrade Services	
Solicitation No. - N° de l'invitation EP922-210258/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client CFIA EP922-210258	Date 2020-08-30
GETS Reference No. - N° de référence de SEAG PW-\$PWU-183-11872	
File No. - N° de dossier PWU-0-43037 (183)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-09-08	Time Zone Fuseau horaire Mountain Daylight Saving Time MDT
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: Tikhonovitch (RPC), Alex	Buyer Id - Id de l'acheteur pwu183
Telephone No. - N° de téléphone (780) 901-7940 ()	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 has been raised to respond to the following questions:

Question 1: Section 01 11 00 Item 1.1.1.9 – States the removal of asbestos containing materials and materials with lead passed paint with leachable lead concentrations exceeding the hazardous waste criteria. In order to ensure all hazardous items are treated equally by all bidders has it been discussed having bidders carry a cash allowance for abatement activities to ensure it is treated appropriately?

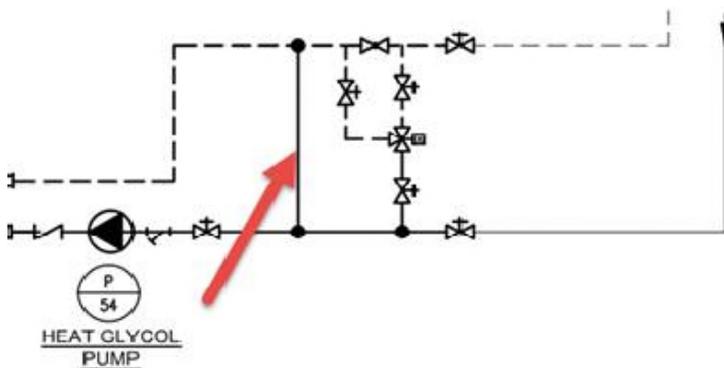
Answer 1: Bidders are to assume the paint is hazardous waste and price their bid accordingly.

Question 2: 1. On Dwg M404 Detail 2, please provide pipe sizes for the Heating Glycol Schematic SF-15, 16 & 17.

Answer 2: The glycol supply and return branch sizing is as follows. Line sizing has been added to ADD-M02:

- SF-15/16 -> 100Ø GLYS and 100Ø GLYR
- SF-17 -> 50Ø GLYS and 50Ø GLYR

Question 3: On Dwg M404, Detail 1 for each branch take-off there appears to be a bypass pipe without a valve or size indicated. Can you confirm if this a mistake or if it is required? If it is required, what size is it?



Answer 3: The “bypass” line shown is required to allow for constant flows through the primary and secondary loops. No bypass valve is required on these pumped coil connections. Sizing of bypass to match branch piping size.

Question 4: 3. Drawing M501 (Detail 3, 4, 6 & 10) shows dashed markings that seem to represent unit splits. Is this what they are showing and have the design of these splits been confirmed to work with getting the sections in and out of the building?

Answer 4: Dashed lines on air handling unit details indicate unit splits by the air handling unit manufacturer but are not confirmed to work with getting the sections in and out of the building. The largest section sizes are to be determined by the AHU manufacturer and mechanical contractor to minimize assembly time on site. Where it is not possible to fit sections into the space, units will need to be field assembled as per Specification 23 73 00.13 Section 3.4.

Question 5: Roof Completion Detail: Please provide a detail showing the finish detail for the new chimney penetrating the existing roof.

Answer 5: Breeching detail to be added as part of addendum ADD-M02.

Question 6: At the walk-through it was mentioned that the drawings showed Outdoor Air Intake work to ensure exhaust gases from the generator do not make it into the building. We do not see any specific work on the drawings related to this scope. Please confirm that simply adding the bypasses and capping the upstream side of the duct will be sufficient as no other work related to the plenum is shown.

Answer 6: The existing outdoor air intake plenums for SF-1 and SF-2 will no longer be used as the unit outdoor air intakes and the outdoor air ducting will be routed to share the same outdoor air intake plenum as SF-7. The upstream side of the duct for SF-1 will incorporate a motorized damper used for combustion air purposes (see dwg M201). The upstream side of the duct for SF-2 will be capped and abandoned. There is no exterior work to prevent exhaust gases from entering SF-7.

Question 7: On Dwg M103 and M101 just below grid 7 there are fire dampers that are shown in bold. Items in bold typically mean that they are new or to be replaced, please confirm if these 6 Fire Dampers (FD's) are existing and not to be touched or if there is work related to them.

Answer 7: The fire dampers are existing and do not need to be replaced.

Question 8: Specification 23 05 23.05 3.3.1 states:

3.3	VALVE SCHEDULE
.1	Provide valves as indicated on drawings and the following schedule:
.1	Butterfly Valves:
.1	Branch take-offs& vertical risers (where indicated on drawings)
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.2	Isolating Service -isolate equipment and vertical risers
.3	Shut-off

Please confirm if this is intended to say that butterfly valves can ONLY be used where shown on the prints or if they can be used in all situations as described in sub item .1, .2 and .3 above and beyond what is stated in other valve specification sections.

Answer 8: Butterfly valves can be used where indicated on drawings OR can be used as described in 23 05 23.05 3.3.1 subsection .1, .2, and .3.

Question 9: On E300 are the new MCC disconnect switches detailed in the remarks section supplied by the mechanical trade or the electrical trade? The way I read it they are by the mechanical trade.

Answer 9: The MCC disconnect switches and fuses should be supplied by electrical.

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