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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

Acquisitions NB/PEI (Moncton Office) – Bureau d'acquisitions N.-B./Î.-P.-É. (Moncton)
1045 Main Street / 1045, rue Main
Moncton
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Title - Sujet Heating Plant Upgrade - Renous, NB	
Solicitation No. - N° de l'invitation EC016-202691/A	**Amendment No. - N° modif.** 006
Client Reference No. - N° de référence du client EC016-202691	**Date** 2020-11-09
GETS Reference No. - N° de référence de SEAG PW-$PWJ-005-5772	
File No. - N° de dossier PWJ-9-42059 (005)	**CCC No./N° CCC - FMS No./N° VME**
Solicitation Closes - L'invitation prend fin **at - à** 02:00 PM Atlantic Daylight Saving Time ADT **on - le** 2020-11-12 Heure Avancée de l'Atlantique HAA	
F.O.B. - F.A.B. **Plant-Usine:** ☐ **Destination:** ☑ **Other-Autre:** ☐	
Address Enquiries to: - Adresser toutes questions à: Lomax (PWJ), Sandra	**Buyer Id - Id de l'acheteur** pwj005
Telephone No. - N° de téléphone (506) 639-8503 ( )	**FAX No. - N° de FAX** (506) 851-6759
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**

Canada

This Solicitation Amendment No. six (6) is raised to include the following Addendum No. six (6).

The following Addendum to the tender is effective immediately. This addendum shall form part of the contract documents.

All other terms and conditions remain the same.

Question and Answers

Q1. For section 23 05 23.02, are Victaulic grooved butterfly valves acceptable on this project?

A1. They are acceptable provided they meet the pressure class criteria and are fit for purpose of the system they will serve.

Q2. Is there an insulation thickness schedule for piping? We did not see one in the specs.

A2. Add the following section to spec 23 07 15 Thermal Insulation of Piping

3.7 PIPING INSULATION SCHEDULES

.1 Includes valves, valve bonnets, strainers, flanges and fittings unless otherwise specified.
.2 TIAC Code: A-1.
  .1 Seals: lap seal adhesive, lagging adhesive.
  .2 Installation: TIAC Code 1501-H.
.3 TIAC Code: A-3.
  .1 Seals: VR lap seal adhesive, VR lagging adhesive.
  .2 Installation: TIAC Code: 1501-C.
.4 TIAC Code: A-6.
  .1 Seals: lap seal adhesive, lagging adhesive.
.5 TIAC Code: C-2 with vapor retarder jacket.
  .1 Seals: lap seal adhesive, lagging adhesive.
  .2 Installation: TIAC Code: 1501-C.
.6 TIAC Code: A-2.
  .1 Seals: lap seal adhesive, lagging adhesive.
  .2 Installation: TIAC Code: 1501-H.
.7 Thickness of insulation as listed in following table.
  .1 Run-outs to individual units and equipment not exceeding 4000 mm long.
  .2 Do not insulate exposed run outs to plumbing fixtures, chrome plated piping.

Application Temp °C	TIAC Code	Pipe Size (mm) NPS & Insulation Thickness				
		To 1	1 ¼ to 2	2 ½ to 4	5 to 6	8 & over
Heating 4-13	A-3	25	25	25	25	25
Heating below 4	A-3	25	38	38	38	38

.8 Finishes:
  .1 Exposed indoors: PVC jacket.
  .2 Exposed in mechanical rooms: PVC jacket.
  .3 Concealed, indoors: canvas on valves, fittings. No further finish.

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.4    Use vapor retarder jacket on TIAC code A-3 insulation compatible with
insulation.
.5    Outdoors: water-proof SS jacket.
.6    Finish attachments: SS bands, at 150 mm on center. Seals: closed.
.7    Installation: to appropriate TIAC code CRF/1 through CPF/5.
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Q3. Please confirm if existing MCC#5E Breakers need to be replace with new for Mechanical item Hot Water Return Pump CR-1 to CR-4.

A3. Existing MCC#5 Breakers can be reused for new pumps.

Q4. Please clarify if we can store materials in a container beside the temporary boilers, inside the gated area, if the container is locked.

A4. A locked shipping container would be acceptable. Location to be approved at time of delivery.

Q5. If the storage container cannot be placed inside the gated area, is it possible to have the container stored in the parking area? Please confirm.

A5. Institutional security will provide input on the location at the construction start up meeting.

Q6. At the site visit we noticed the mechanical piping had coloured insulation cladding. There is no mention of this in the specifications. Please clarify if coloured insulation cladding is required.

A6. Color coding of PVC jacket is not required. Pipes to be identified per spec section 23 05 53.01

Q7. If coloured insulation cladding is required, please provide colour schedule desired.

A7. Color coding of PVC jacket is not required. Pipes to be identified per spec section 23 05 53.01

Q8. Please clarify if commissionaires will be required for the project.

A8. Commissionaires are provided as required. Costs are covered by CSC

Q9. If commissionaires are required, please clarify who is responsible to pay for said services.

A9. Commissionaires are provided as required. Costs are covered by CSC

Q10. If commissionaires are required, please clarify the amount of commissionaires required, is it one commissionaire for the project, or do we need one commissionaire per work area / crew?

A10. Commissionaires are provided as required. Costs are covered by CSC

Q11. Please confirm the temporary boilers are required on the project. The project is scheduled to be completed in the summer (April to August 2021).

A11. Yes, temporary boilers are required.

Q12. The specified temporary boiler capacity seems to be large for the summer heating period. Please confirm this is the size of temporary boilers required.
A12. Temporary boilers are to be supplied and installed as per plans and specifications even with the summer construction schedule.

Q13. Please confirm that both temporary boilers are required for the duration of the project.

A13. Yes, both are required for the duration.

Q14. Please clarify if project length is to be extended for reasons outside of contractor's control (COVID, etc.), that owner will be responsible to pay for the cost of temporary boilers after August 26, 2021.

A14. PSPC Contracting will deal with the contractor at that time if this issue arises.

Q15. Drawing Note #2 on drawing H-104, states for contractor to provide a temporary fuel container if required. If a contractor is quoting this project and makes an allowance for the temporary fuel storage container, it will place them at a disadvantage and most likely put their price too high to be competitive. Please confirm no temporary fuel storage container is required.

A15. Contractor to allow for direct connection to underground fuel storage tanks as shown on drawings.

Q16. This project requires significant demolition in order to remove the large boiler from the mechanical room as the boiler dimensions exceed the door opening dimensions.

A16. Yes

Q17. In order to remove the existing boiler, we will require the use of torches and grinders in the mechanical room. Are there special requirements to bring torches and grinders into a maximum security institution. Please clarify.

A17. All tools must be logged upon entry, and properly and safely secured once inside.

Q18. Please clarify the hot work watch period required (amount of hours) once work has been completed.

A18. Atlantic Institution's hot work permit dictates a continuous watch for 30minutes after work completion, and hourly checks for the next 6 hours.

Q19. Since there will be a fire hazard when completing the demolition, please clarify if there are any special requirements required due to the type of facility the work is being completed in.

A19. Yes. Hot Work Permits will be issued, and contractor will be required to provide all mitigation. Fire Blankets etc..

Q20. When completing grinding/torching, we will require equipment to remove the smoke from the area. Can we have the doors to the mechanical room, as well as the loading area overhead door maintained opened in order to remove the smoke/fumes from the area while completing the work? Please clarify.

A20. Doors can be left open but Contractors will have to work around the Institutions garbage removal routine, as it employs inmate labour that cannot have access to the Boiler Room. Area will be monitored by commissionaires while doors open.

Q21. "Smoke eaters" are used in indoor work environments to reduce the amount of smoke generated from work involving smoke/fumes. Please confirm if a "smoke eater" will be required to reduce the amount of smoke generated in the work area. If "smoke eater" is required, please clarify who is to pay for said equipment (owner or contractor).

A21. Proper ventilation is required to be provided by the contractor. Either a smoke eater, or by exhausting to the exterior. This is to be provided by the contractor. Contractor shall seal off the work area with some sort of plastic barrier seal to avoid smoke and fumes from going in the institution.

Q22. Mechanical Drawings show 15 temporary electric domestic hot water tanks, M-1, M-4, M-5 to M-7.

A22. There are 9 tanks in total, not 15. The Tanks mounted outside M-5 serve M-5, M-6 and M-7. Hot water from the M-5 tanks is piped to M-6 and M-7 down the corridor. Piping within the mechanical rooms is typical to M-5 as shown on the drawing.

Q23. Electrical Drawings show temporary electric domestic hot water tanks for room M-1, M-4 and M-5.

A23. This is correct. See above.

Q24. Rooms M-6 and M-7 are not shown on the electrical drawings. Please clarify if electric domestic hot water tanks are required for rooms M-6 and M-7.

A24. No, M-6 and M-7 are served from the tanks outside M-5.

Q25. If temporary electric domestic water tanks are required for rooms M-6 and M-7, please provide photos of existing electrical panel where we are to tie-in the temporary electrical domestic hot water tanks.

A25. N/A