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E1C 1H1

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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  
New Bruns  
E1C 1H1

<b>Title - Sujet</b> Mises à niveau du système de traite Mises à niveau du système de traitement d'eaux usées Établissement de Springhill	
<b>Solicitation No. - N° de l'invitation</b> EC016-230938/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> EC016-230938	<b>Date</b> 2022-10-21
<b>GETS Reference No. - N° de référence de SEAG</b> PW-SPWJ-017-6261	
<b>File No. - N° de dossier</b> PWJ-2-45054 (017)	<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> Atlantic Daylight Saving Time ADT <b>on - le 2022-11-03</b> Heure Avancée de l'Atlantique HAA	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Stockman (PWJ), Sonia	<b>Buyer Id - Id de l'acheteur</b> pwj017
<b>Telephone No. - N° de téléphone</b> (506) 961-7412 ( )	<b>FAX No. - N° de FAX</b> (506) 851-6759
<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>

Cette modification de l'invitation numéro 2 est soumise et comprend la modification numéro no. Un (1) suivante.

La modification qui suit apportée aux documents de soumission entre en vigueur dès maintenant. L'addenda fera partie des documents de contrat.

INSERT:       Addendum 1:  
                  14122-16-C07  
                  14122-16-C08  
                  Electrical Pages for Addendum-E05-E06-E08-E13

Additional addendum information:

Section 10 85 00 WWTP SCREENING AND DISPOSAL EQUIPMENT

- Item 2.1.2 design parameters:  
Discharge height from operating floor 829.6mm  
Replace with:  
Discharge height from operating floor 876mm.
  
- Item 2.1.3.5 Drive Unit:  
Cleaning brush drive motor power: 1.0 HP, single speed, premium efficiency  
Replace with:  
Cleaning brush drive motor power: 1.5 HP, single speed, premium efficiency
  
- Item 2.2.2 Design Parameters:  
Discharge Height: 1500 mm (min.)  
Replace with:  
Discharge Height: 1220 mm (min.)
  
- Item 2.2.3.7 Drive Unit:  
Screw Drive Motor: 1.5 kW (Premium efficiency)  
Replace with:  
Screw Drive Motor: 3 HP (premium efficiency)
  
- Item 2.2.3.13 Control System:  
2.2.3.13.1 Replace with the following:  
The Washer Compactor shall be controlled by the Screening system main control panel as described in item 2.1.3.11 and 2.1.3.13. It shall provide total automatic machine operation with protection against overload conditions, which might damage the equipment.

Cette modification est émise afin de:

1. Répondre aux questions suivantes:

**Q1.** In regards to the civil works drawings for the Springhill Institution Sewage Treatment upgrades project, can information about the existing grades be provided? There is currently not enough information given for the contours of the existing grade to complete a cut/fill take-off for the earthworks scope.

**A1.** Existing contours have been added to sheet C07 and C08 (see attached)

**Q2.** Section 10 85 00, Paragraph 2.1.3.6: For consistency with the other components required material, we recommend that nozzles and valves be in 316 stainless steel. Please confirm the specifications will be updated accordingly?

**A2.** 316 Stainless steel will be an acceptable alternate for nozzles and valves. Specifications will not be modified.

**Q3.** Section 10 85 00, Paragraph 2.1.11.3: Since the main control cabinet is installed indoors in the blower room (no dust, no exposure to water), we recommend using a NEMA-4/12 enclosure instead of NEMA-4X SS304 which would result in a significant price deduct. Please confirm that this is acceptable?

**A3.** No. Item to be as per specifications.

**Q4.** Drawing E08: The Screener Main Control Panel and the Screw Washer Compactor Main Control Panel are depicted as two separate panels. Please confirm the complete screening system will be in one single common main control panel, as described in section 10 85 00.

**A4.** Correct. The Screen and Washer Compactor only has one (1) common main control panel located in the blower room. See attached revised electrical drawings with noted modifications below.

Electrical drawings shall be modified as follow:

Drawing E05 – Electrical Single Line, Power Layout & Heater Schedule

- Detail “Floor Plan – Power Layout”
  - Delete Screw Washer Compactor Main Control Panel connection
  - Screener, mechanical equipment tag 11, shall be fed from Screener Main Control Panel
  - Screw Compactor, mechanical equipment tag 12, shall be fed from Screener Main Control Panel
  - Add new mechanical equipment named Cleaning Brush Motor. Cleaning Brush Motor shall be fed from Screener Main Control Panel and located close to Screener and Screw Compactor

- Modify note 5 as follow: Local control panels for screener and screw compactor. Supply and install controls wiring. Coordinate controls wiring requirements between those local panels and Screener Main Control Panel with Screener and Screw Compactor supplier/manufacture.
- Add local unfused disconnect switches next to Screener (ID 11), Screw Compactor (ID 12) and Cleaning Brush Motor (ID 16). Local disconnect switches to be installed as per "Disconnect Switch Mounting Detail".

#### Mechanical Equipment Schedule

- Modify equipment with tag IDs 11 & 12 as follow:

ID	Description	Voltage	Load	Breaker	Feeder	CCT ID	Controls	Disconnect	Notes
11	Screener	600V, 3PH	0.5 HP	N/A	3C#12 AWG + #12 BND in 21mmC	Screener Main Control Panel	Screener Main Control Panel	30A, XP	N/A
12	Screw Compactor	600V, 3PH	3 HP	N/A	3C#12 AWG + #12 BND in 21mmC	Screener Main Control Panel	Screener Main Control Panel	30A, XP	N/A

Add equipment with new tag IDs 16 as follow:

ID	Description	Voltage	Load	Breaker	Feeder	CCT ID	Controls	Disconnect	Notes
16	Cleaning Brush Motor	600V, 3PH	1.5 HP	N/A	3C#12 AWG + #12 BND in 21mm C	Screener Main Control Panel	Screener Main Control Panel	30A, XP	N/A

#### Drawing E06 – Electrical Lighting Layout and Schedule

- Panel 6A
  - Delete circuits 20,22,24 labeled "Compactor 10HP"
  - Modify circuit 26,28,30 breaker size to: 15A-3P

**Q5.** Section 10 85 00, Paragraph 2.2.3.8: We recommend to use abrasion resistant carbon steel instead of 316 stainless steel for the shafted screw material. This will provide better resistance and longevity. Please confirm if this is acceptable?

**A5.** Carbon steel will be an acceptable alternate for the screw shaft.

**Q6.** Section 10 85 00, Paragraph 2.2.3.8: For consistency with the other components required material, we recommend that nozzles and valves be in 316 stainless steel. Please confirm the specifications will be updated accordingly?

**A6.** 316 Stainless steel will be an acceptable alternate for nozzles and valves. Specifications will not be modified.

**Q7.** Section 10 85 00, Paragraphs 3.2 and 3.3: Specifications call for 4 days on site (1 for unloading inspection, 1 for installation inspection, 1 for commissioning, 1 for training). Based on our experience, the last three trips can be combined in one single trip. Please confirm if the services on site can be quoted as follows: 1 trip of 1 day for unloading inspection, 1 trip of 3 days for installation inspection, commissioning and training? We've noticed other sections requiring a follow-up visit after 11 months, would this also apply to the screening system?

**A7.** No. Services to be quoted as per specifications.

**Q8.** Single Line Power Layout Drawing# E05 shows a 6A disconnect switch for each blower. These disconnect switches are not mentioned in the blower specification section 10 81 00 and are generally specified in section 26 28 23 – Part 2 – 2.1. Please confirm that this is not in the blower manufacturer's scope of supply.

**A8.** Disconnect switches by Electrical. Aeration Blowers #1 and #2 need a disconnect switch as indicated in "Mechanical Equipment Schedule" and on "Floor Plan – Power Layout" on drawing E05 and are part of the electrical scope of work.

**Q9.** Section 10 81 00 "Supply and Installation of Blowers" clause 2.1.3.2 calls for an inverter duty motor suitable for VFD operation and does not include the supply of a VFD by the blower manufacturer. However, the Electrical Single Line Diagram drawing #E13 shows the blower enclosure power fed by a single circuit breaker inside the MCC and no VFD is shown or specified. Please confirm if blower's VFD is to be supplied and installed separately or to be integrated inside the blower enclosure.

**A9.** VFDs are required for the blowers. VFDs for blowers are supplied and installed by Electrical. VFDs for aeration blowers #1 and #2 are shown in electrical room on "Floor Plan – Power Layout" on drawing E05 and are specified in section 26 29 10.

**Q10.** Section 10 81 00 clause 1.2.1.9.3 mentions that the aeration system in lagoon #2 will be used to provide treatment during construction. Please confirm that a blower manufacturer representative should also be present during startup of blowers during construction.

**A10.** Yes, the blower rep should be present at the mid-construction startup in addition to final (permanent) startup, to ensure proper blower operation.

**Q11.** Section 10 81 00 clause 1.4.2 mentions training sessions to be recorded on video. Our company does not allow technicians to be videotaped. However, training will be provided by a technically competent person and multiple sessions can be provided during and after startup. In addition, our company can offer two additional training sessions, free-of-charge, provided by a technically competent manufacturer's representative. The sewage treatment plant operation team can request these sessions at any time during operation of these blowers. We can also provide a virtual recorded training session if required. Is this acceptable?

**A11.** Two additional "in-person" training sessions by qualified technical manufacturer representatives, at no additional incurred cost to the client, during the life of the product and completed within 14 calendar days of client request; would be accepted. Virtual recordings can be provided, but will not replace the contract requirements listed, as this does not allow for client interaction questions.

**Q12.** There's mention of an overhead crane on the drawings but there is no spec section covering this. So I am not sure if the overhead crane is to be supplied/installed under our contract or under another one in the future?

**A12.** The requirements for the monorail crane system are specified under Section 05 50 00, Part 2 Products, 2.1 Materials, Cl. 2.1.15.

**Q13.** A masonry subcontractor has asked about the texture and brick colour for the exterior brick. Can you please advise?

**A13.** The exterior brick shall be a Grey tone, masonry clay brick. The final product shall be selected from the successful supplier's available pallet

**Q14.** In regards to Screening and Disposal Equipment, section 10 85 00, JWC has requested to be considered for an acceptable alternative.

**A14.** Although the requested substitution seems to be a satisfactory product, it appears to impact to hydraulics and the possible redesign for modifications to the headworks channel. Not approved

**Toutes autres conditions ne changent pas**