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800 Burrard Street, Room 219
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Vancouver
British Columbia
V6Z 0B9
Bid Fax: (604) 775-9381

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 - Pacific
Region
800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British C
V6Z 0B9

Title - Sujet Chemical Storage Bldgs Replacement	
Solicitation No. - N° de l'invitation EZ899-211338/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client	Date 2020-12-04
GETS Reference No. - N° de référence de SEAG PW-\$PWY-036-8869	
File No. - N° de dossier PWY-0-43136 (036)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Pacific Standard Time PST on - le 2020-12-10 Heure Normale du Pacifique HNP	
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: Martin (PWY), Delia	Buyer Id - Id de l'acheteur pwy036
Telephone No. - N° de téléphone (778) 707-2139 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: AAFC – Agassiz Research and Development Centre – Agassiz, BC	

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

Solicitation. - N° de l'off. à comm.
EZ899-211338/A

Amd. No. - N° de la modif.
003

Buyer ID - Id de l'acheteur
pwy036

Client Ref. No. - N° de réf. du client

File No. - N° du dossier
PWY-0-43136

CCC No./N° CCC - FMS No/ N° VME

Les documents français seront disponibles sur demande.

This Amendment #003 is raised to issue an Addendum.

Please see Addendum No. 2 attached.

The addendum will form part of the contract documents.

All other terms and conditions remain unchanged.

ADDENDUM #2

Date: December 4, 2020

PACIFIC REGION

AGASSIZ RESEARCH & DEVELOPMENT CENTRE CHEMICAL STORAGE BUILDINGS

REPLACEMENT

AGASSIZ, B.C.

Project No: R.110899.001

The following revisions supersede the information contained in the original drawings and specification issued for the above named project, and shall become part thereof. No consideration will be allowed for extras due to the contractor or any subcontractor not being familiar with this Addendum.

1.0 QUESTIONS & ANSWERS

- Q.1 Section #019113 General Commissioning (Cx) Requirements:
1.3.3: "Cx Agent on-site to carry out test and calibration". Manufacturers will be performing this work in their manufacturing facilities. Would that be suffice?
- A.1 There are some on-site installation work that still need to be commissioned by a commissioning agent on site.**
- Q.2 Section #019113 General Commissioning (Cx) Requirements:
1.3.4: "Furnish Cx agency professional engineer's letter". Would the manufacturer's professional engineer's letter be suffice?
- A.2 Manufacturer's professional engineer's letter is acceptable as long as it covers the installation on site as well. Otherwise, on-site and pre-fab installation can be certified by 2 separate engineers.**
- Q.3 Section #019113 General Commissioning (Cx) Requirements:
1.8.1.1: Can the Contractor's Cx Agent be the "Prefabricated Building" manufacturer's representative?
- A.3 Manufacturer's professional engineer is acceptable as long as it covers the installation on site as well. Otherwise, separate engineers responsible for on-site and pre-fab installation should be submitted.**
- Q.4 Section #019113 General Commissioning (Cx) Requirements:
1.12.3: "General Contractor's Cx Agent to be present at tests performed" The "Prefabricated Building" will be tested out at the factory and certified by the manufacturer. Are we to interpret that the General Contractor's Cx Agent must go to the manufacture's facility to witness? Additionally there are some test that are done for factory quality control at the factory before shipping? Are these to be repeated in the field?
- A.4 Quality control agent in the manufacturer's plant is acceptable to assume the role as General Contractor's off-site Cx Agent. All on-site installation has to be commissioned separately.**
- Q.5 Section #019113 General Commissioning (Cx) Requirements:
Can the CxA be the manufacture's quality control or commissioning forces?
- A.5 Yes, it is acceptable for those commissioning scope that will be carried out in the factory only. If manufacturer's quality control is only taking the responsibility of their installation in the factory, a separate CxA must be taking the responsibility of all on-site installation and commissioning.**
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Q.6 Section #03 35 00 Concrete Finishing:

There is nothing on the drawings that this section supports?

A.6 Refer to Architectural drawing 4/A01 where the annotation on the slab that said 'Patch & Repair & Prep Existing slab..... Apply new concrete sealer to existing concrete slab'.

Q.7 Section #13 34 23 Prefabricated Building:

1.4.3.1.1: "anchorage to the existing concrete slab". Any information on the existing slab? Concrete thickness? etc.?

A.7 Based on visual observation, the slab foundation appears to be constructed of minimum 6" concrete slab on grade supported on granular fill sub base. The slab is found reinforced with a 6"x6" wire mesh located close to the bottom of the 6" slab. No edge thickening was observed around the perimeter of the slab foundation. The slab was sawcut with two control joints in each direction effectively dividing the overall slab into 9 modules. Along many locations of the control joints, vegetation was found growing through the joints.

Q.8 Section #13 34 23 Prefabricated Building:

2.1.18: "Fire suppression system is to be plumbed before delivery to the site" The Fire suppression will be installed and tested at the manufacture's facility, will that be suffice or additional or duplication is required at the site?

A.8 It will need to be duplicated.

Q.9 Section #13 34 23 Prefabricated Building:

3.3 Field Quality Control. The Prefabricated Building will be shipped as a complete tested out in the factory unit. Subsection .4 Scheduled visits are they all required?

A.9 Scheduled visits is required to confirm Field Quality Control of New Chemical Container Units installation all in accordance with manufacturer's requirement.

Q.10 Section #21 05 01 Common Work Results for Mechanical:

1.4.1.1" Pre-construction start-up report for the current generator installation and start up"???

A.10 The reference to this item cannot be found.

Q.11 Section #21 05 01 Common Work Results for Mechanical:

1.5.15: This work was to be done and tested in the manufacture's factory before shipping. How are we to interpret this comment? Would the manufacture's certificate be suffice?

A.11 1.5.15 is related to the work to be done on site. See following :“Contractor to hire the local fire suppression system representative (the fire suppression dealer specific to the fire suppression system installed in the containers) to arm the system. The tank and bracket

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will be provided by the container manufacturer detached from the container. The fire suppression system representative is to reattach the tank, attach the Nitrogen cartridge, install detectors and pull station, arm the system and certify the system."

- Q.12 Section #21 05 01 Common Work Results for Mechanical:
1.5.17: This work was to be done and tested in the manufacture's factory before shipping. How are we to interpret this comment? Would the manufacture's certificate be suffice?
- A.12 The manufacturer's certificate is to be suffice. Contractor is to check if they are operational on site.**
- Q.13 Section #21 05 01 Common Work Results for Mechanical:
1.9.4.1: The manufacture's factory engineer has requested information on the existing concrete to address structural, can this be provided?
- A.13 Refer to Answer A7 in this addendum.**
- Q.14 Section #210501 Common Work Results for Mechanical:
1.9.6: The manufacture's factory engineer requested information on the existing concrete to address structural, can this be provided?
- A.14 Refer to Answer A7 in this addendum.**
- Q.15 Section #21 05 01 Common Work Results for Mechanical:
1.29.3.1: Confirmation on "Air Balancing" being achievable on this installation.
- A.15 The units would be delivered to the site complete with exhaust fan. Contractor to measure and confirm the air flow rate, and provide a balancing report.**
- Q.16 Section 23 08 00 Commissioning of Mechanical System:
1.6.5: "...Provide a minimum of 3 days...."Provide confirmation that we are to allow for the factory representative to be on site for 3 days to provide for training?
- A.16 Schedule will be coordinated with departmental representative. Training can be completed in a shorter period of time if scheduled appropriately.**
- Q.17 Section 23 08 00 Commissioning of Mechanical System:
Subsection 3 Execution; Majority of this work was to be done in the manufacture's factory, inclusive of testing and certification:
i. 3.2.2 "Notify the Cx at least 10 working days in advance of testing and balancing work and provide access for the CxA to witness testing and balancing work" Is the CxA expected to allow for travel to the manufacture's facilities? If so then how are the Covid restrictions addressed?
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A.17 Provide the manufacturer's certification is an acceptable alternative.

Q.18 Section #260500 Common Work Results for Electrical:
3.4.5.2 and 3.5.2: Prefabricated Building manufacturer will have the building prewired and tested. Do we allow for the manufacturer's field service engineer to be onsite for the work outside of the building?

A.18 Manufacturers field service engineer is not required to be on site to review the electrical work outside the containers. All container electrical must be reviewed by contractor to meet local codes.

Q.19 Drawing E-02; Is the Prefabricated Building's fire suppression system to be tied back into the main building alarm system?

A.19 The fire suppression system is not required to be connected to the main building fire alarm system.

Q.20 The manufacturer's of the prefabricated buildings are not located in BC. There is additional costs for the travel of a CxA to the manufacturer's facility. There is additional costs for the travel and prolong stay by the manufacturer's engineer at the job site.

A.20 They can be separate CxA, one from manufacturer's plant, another on doing on-site commissioning.

Q.21 Please confirm that the demo portion of the project is to disconnect the electrical and mechanical only.

A.21 Refer to drawings and specification for all the demolition scope required. Also refer to Answer A22.

Q.22 The removal of existing containers is NOT part of this solicitation (by others).

A.22 Removal of existing containers is part of this contract.

END OF ADDENDUM #2