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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
Public Works and Government Services Canada -
Pacific Region
800 Burrard Street, 12th floor
800, rue Burrard, 12e étage
Vancouver
British C
V6Z 0B9

Title - Sujet Burnaby Lab Mixing Box Replacement	
Solicitation No. - N° de l'invitation 39903-140167/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client 39903-140167	Date 2014-02-21
GETS Reference No. - N° de référence de SEAG PW-\$PWY-004-7200	
File No. - N° de dossier PWY-3-36122 (004)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-03-07	Time Zone Fuseau horaire Pacific Daylight Saving Time PDT
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: Mestry, Ruth (PWY)	Buyer Id - Id de l'acheteur pwy004
Telephone No. - N° de téléphone (604) 775-9385 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: CFIA - Burnaby Laboratory, Burnaby, 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 No. - N° de l'invitation

39903-140167/A

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

39903-140167

Amd. No. - N° de la modif.

002

File No. - N° du dossier

PWY-3-36122

Buyer ID - Id de l'acheteur

pw004

CCC No./N° CCC - FMS No/ N° VME

Attached is Addendum No. 1

ADDENDUM

Project: Burnaby Lab Mixing Box Replacement

Addendum No.: 001

Reference No.:PW-SPWY 004-7200

Solicitation No.: 39903-140167/A

February 20, 2014

GENERAL

This Addendum forms part of the Contract Documents for **Burnaby Lab Mixing Box Replacement** and amends the original drawings and Specifications. The following revisions supersede the information contained in the original drawings and Specifications issued to the extent referenced and shall become part thereof. No adjustment to the Contract Price will be considered or allowed due to the Contractor or to any sub-contractor or supplier not being familiar with this Addendum.

Specification Section 01 11 00

Add 1.11 Permits as follows "The Contractor shall be responsible for obtaining and paying for all permits and fees." A City of Burnaby building permit is not required. An electrical permit is required if wiring over 30 volts is provided.

Specification Section 01 14 00.1.7.3

Change notice of cancellation from 4 hours to 48 hours

Specification Section 01 11 00.1.4.4

Add the following:

.3 Working hours for lab staff is 7am to 5pm. No interruptions to staff or work in rooms will be allowed during this time.

Specification Section 01 11 00.1.4

Add the following:

.7 Shut down of air handling units will only be allowed on weekends and must be coordinated with owner.

Specification Section 01 35 29 06

Add the following:

1.13 Contractor shall provide a fire safety plan in conjunction with existing plan addressing fire safety egress and safety in corridors. The plan shall be approved by owner.

Specification 02 41 13.3.2

Add the following:

.5 In case of asbestos removal including duct red mastic, the cost will not be part of the contract price but will be included by the owner as a cash allowance.

Drawing M3.0

Note that the following rooms will have drywall ceilings:

Room numbers: 222, 220, 231, 231A, 241, 243, 243A.

All ceilings must be restored back to their original condition.

Drawing M8.0, detail 4

Provide a duct shut off damper on the hot duct and cold duct branch ducts connected to the hot and duct mains.

General Note:

Original construction date of building is 1986.

Questions and Answers:

1. Final Cleaning. Section 01 74 11 Items 1.3.7. thru 16. indicates a substantial amount of cleaning required, are we expected to carry out all of these items or are they just general notes trying to cover a variety of scenarios?

Answer: The general intent is that each area under construction be generally cleaned ready for lab staff to work from 7am to 5 pm. When each area is complete construction, any item affected by construction must be cleaned to the standards in section 01 74 11.

2. Will there be space made available for a contractors compound and storage?

Answer: Storage areas inside the building will not be provided. A storage space outside will be provided

3. Section 01 33 00.1.2.2. Do the shop drawings that are submitted for the specified VAV's and Mixing Boxes require to be signed and sealed by a professional engineer?

Answer: Shop drawings for VAVs and mixing boxes do not require professional engineer seals.

4. Are there any approved equals for the VAV's and Mixing Boxes other than the specified Titus?

Answer: For the VAVs and the mixing boxes, other manufacturers are acceptable as long as they meet the performance requirements specified.

5. Selective Demolition has 1 line indicating that the Contractor is to include the costs for removal of hazardous materials. Is there an asbestos report that indicates the full scope of work associated with this renovation? It is mentioned in the spec to remove mixing boxes and ductwork containing asbestos or asbestos mastic on ductwork, however there is no real way of telling or guessing the full amount of abatement required and since there is evidence of asbestos on site, one may assume that there would be asbestos containing materials associated with the drywall ceilings that are going to be effected with in this renovation. Since the drawings do not show the areas of drywall that are going to be effected to accommodate the installation of the HVAC equipment, it would be impossible to evaluate the true cost of abatement work required for the hazardous material removal. Would it be an option to carry the Hazardous Material Removal by the means of a cash allowance so that everyone would be on the same level at the time of tendering?

Answer: There is no asbestos report. It appears that the red mastic on the existing ducts may contain asbestos. Drywall ceilings are indicated above. Asbestos removal is a cash allowance by owner. Refer to above.

6. For estimating of cutting and remedial, could you confirm the areas that are drywall ceilings vs t bar ceilings?

Answer: Drywall ceilings are indicated above.

7. Will the owner's cad drawings be made available to the contractor In order to prepare the as-built drawings or would issuing a marked up in red set of drawings to the consulting engineer fulfill the contractual requirement?

Answer: Contractor will issue marked up set of as-built drawings to consultant who will provide CAD as-built drawings.

8. Is there room for storage of the mixing boxes, ductwork, fittings, tools and equipment needed for removal and installation of systems? Seacan or inside storage?

Answer: Storage areas inside the building will not be provided. A storage space outside will be made available for storage and a Seacan.

ADDENDUM

9. How long will areas/zones be shut down? I can see issues if areas are expected back up and running overnight. We would need time in the areas just to measure up fittings, let alone demo existing and re-install with the existing services in the way. Also sealing up the high velocity ductwork will be difficult if we would need an insulator to follow us, along with controls/balancing.

Answer: Shut down of areas is limited to night time between 5 pm and 7 am. Shut down of air handling units will only be allowed on weekends and must be coordinated with owner.

10. From the pace of the job, it seems like we would have to order the boxes "blind". Hoping that the control and sizes would fit the areas they need to be installed. There doesn't seem a way to measure and wait 5-6 weeks for a mixing box.

Answer: This is a construction scheduling issue to be sorted out by contractor as to the construction method.

11. Red mastic on the ductwork. This may be asbestos containing. Has it been tested?

Answer: Red mastic on this vintage of ductwork usually indicates asbestos. This has not been tested.

12. If there are sensors/lights/equipment that is tied into the ceiling space who removes those to ensure the ductwork/fittings can be removed safely. This goes especially for the lab areas where we could not see.

Answer: Contractor is responsible for removing, relocating and reinstalling all sensors, lights, wiring, equipment, ceilings, ceiling tiles, and building finishes back to original condition and function.

End of Addendum