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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: (418) 566-6167

**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 Trash Extraction Building Trash Extraction Building – Stony Mountain Institution - Stony Mountain, MB	
Solicitation No. - N° de l'invitation ET025-230135/A	Amendment No. - N° modif. 005
Client Reference No. - N° de référence du client CSC-ET025-230135	Date 2022-06-14
GETS Reference No. - N° de référence de SEAG PW-SPWU-201-12246	
File No. - N° de dossier PWU-2-45003 (201)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Mountain Daylight Saving Time MDT on - le 2022-06-21 Heure Avancée des Rocheuses HAR	
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: Ho (RPC), Hector	Buyer Id - Id de l'acheteur pwu201
Telephone No. - N° de téléphone (780) 901-0989 ()	FAX No. - N° de FAX (418) 566-6167
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 answer the following questions and to include Addendum #003:

Q1:

Drawing 036 – Plan E03 Power Layout and Control Layout:

It's noted that the exterior CCTV Cameras are not to be installed (only wired). Are we to supply the 3 cameras (CCTV-1, CCTV-2 and CCTV-3)? The spec only states to provide 3 interior cameras (presumably CCTV-4, CCTV-5 and CCTV-6).

A1: Yes, see Addendum #3 for the supply specification for exterior cameras CCTV-1, 2 & 3. All exterior and interior CCTV cameras are to be supplied and installed.

Q2: (Ref Drw E01 & A08) I Contacted Siemens Fire Alarm inquiring about the type of Fibre optic cable that would be required for the fire alarm interconnection. He noted that no fire alarm panel is shown on the drawings, if there is a fire alarm system required then you will require initiating & signalling circuits, and a fire alarm riser drawing. Further to that, A08 Item/note 24 states, a fire alarm system is not required.

Please clarify scope for fire alarm interconnection.

A2: See Answer to Question 70.

Q3: Drawing E01 – Drawing note 1A – How many fibres is the fibre optic cable?

A3: Refer to spec section 26 05 23 clause 2.6

Q4: Drawing E01 – Drawing note 1B – How many fibres is the fibre optic cable?

A4: Refer to spec section 26 05 23 clause 2.6

Q5: Drawing E01 – Drawing note 1C – what size is the 8 twisted pair?

A5: Refer to spec section 26 05 23 clause 2.8

Q6: Drawing E04 – Where and what does the project power cable connect to once it enters the customer owed vault?

A6: This will be coordinated with owner for termination details.

Q7: As is there are 5 smoke / carbon monoxide alarms shown on E03. One of the 5 smoke / carbon monoxide alarms is shown in the Zone 2 Hazardous Category 2 Wet Location.

A7: The smoke detector in the process room is to be Class 1 Div 2 rated.

Q8: There is no Fire Alarm Control Panel shown

- As such there would be no communication between the 5 smoke / carbon monoxide alarms and the fiber optic cabling being called for on E01.

A8: See Answer to Question 70.

Q9: Also please confirm the requirement for a Fire Alarm System as drawing A08 Keynote 24.1 indicates that a fire alarm system is not required.

A9: A Specific Fire Alarm System is not required for this building. The smoke detectors report to the building security system and the PLC.

Q10: Security devices such as door contacts, glass break sensors, motion sensors, and horn/strobes are not shown on the drawings. Can these be identified and if Div2 is required for any?

A10: The security system components are described in Section 28 16 00. The keypads and smoke detectors are shown on plan E03. Div2 is required for any devices in the process room, with the exception of the door contracts if installed within the door frame.

Q11: Can you confirm that one Class 1 - Div2 smoke detector is required?

A11: Class 1 Div 2 smoke detector is required in the classified area.

Q12: Can information on the existing paging system in 50bed building that we are to tie into be provided?

A12: Based on site visit notes during design, the existing system is a 7 Zone TOA system, installed by National Industrial Communications Inc. in a 2 cabinet data rack. To be confirmed on site.

Q13: Is there a specification division for the Paging requirements?

A13: There is no specific specification section. The system in the Wastewater Trash Removal Building is speakers only, with wires fed from the 50 bed.

Q14: Can information on the existing CCTV system in the 50bed building that we are to tie into be provided?

A14: Not at this time. Will be coordinated between CSC and the successful vendor.

Q15: Are any CCTV client workstations or CCTV monitors required? None were identified on the drawings.

A15: Refer to Section 28 23 00, item 2.2 and 2.3

Q16: Can information on the existing BMS system in the 50bed building that we are to tie the security system into be provided?

A16: Based on site visit notes during design, the existing system is a Delta controls system, 2 remote controllers located in 50 bed building DDC30200/30300 and DDC 30000/30100. To be confirmed on site.

Q17: Please provide a location and size of area for site trailers to be located. Also indicate the nearest connection point for temporary power hook ups for the trailers. This information is required for costing for Graham and all subtrades coming to site as they have site trailer requirements with the size of crews required.

A17: Previous response clarified only one (1) contractor trailer will be allowed and the location is to be within the adjacent existing enclosed site across the road. Temporary power will be sourced from the existing building on that site. The size of the trailer would be determined by the contractor to suit needs and requirements, a larger sized trailer is anticipated. The location would depend on the size chosen by the contractor and a preferred location can be provided for review and coordination with CSC.

Q18: Please confirm what size of water service is to be installed to the building? Civil drawings and spec's note 38mm,mechanical notes 50mm.

A18: Water line to be 50 mm as per Mechanical notes.

Q19: Please confirm if the new 300mm and 150mm sanitary sewer pipes are to be SDR28 or SDR35 PVC pipe.

A19: Refer to Section 33 31 13. Consider the main running through the process to be a sewer mainline (item 2.1) and the 150 mm diameter building sewer to be a service (item 2.2)

Q20: Is there any additional information they can provide for the existing trash screen manhole that is to be removed? We are unable to see this in the field and any information such as size, material, etc. would help.

A20: See attached pictures of the existing trash basket from 2018.





Q21: Instead of removal of the existing underground pipes between the trash screen manhole and the new installed manhole, can the pipes be filled with a flowable fill concrete to reduce excavation?

A21: No, the existing screen manhole and all sewer pipe and gravity sewer manholes no longer being used are to be removed.

Q22: I see in the communication that there are size constraints on the generator dimensions. In Addendum 3 Question a4 it states that the maximum length of the generator cannot exceed 2.650 but no mention of the width are we ok with our width at 1.30 M . Look forward to your earliest reply.

Our current product dimension are below:

D150GC:
Length 2.625m
Width 1.30m

A22: A 1.3 m wide genset is acceptable provided that there is adequate clearance that is coordinated with other equipment. See Addendum #3

Q23: I just realized there is a conflict between the notes on E01 which call for 103mm conduit for the power cable, and the single line on E04 that shows 78mm conduit. (Between the existing vault and the main breaker).

Can you please get confirmation on if 103mm is required or if 78mm is acceptable? Thank you.

A23: 78mm conduit is acceptable for that cable.

Q24: Please see the questions below in regard to the Crane / Section 41 22 23.

Is the runway incorporated into building or does the crane require a freestanding or tied back runway system supplied by crane manufacturer?

A24: The crane has support posts to the floor. See details on plan S05.

Q25: Drawing E04 shows VFD. Line reactors and load filters for Grinders, Augers and Drum Scrubbers. There is no VFD specifications provided in tender documents. Can you please confirm that these VFD's shall be provided by Equipment manufacturers? If not, can you please provide the VFD specifications?

A25: See JRCC Addendum 2 for both answers.

Q26: Section 25 51 00 doesn't provide specifications for PLC, HMI and SCADA computer hardware and software. Can you please confirm that these are open to all brands / manufacturers or can you please provide full hardware specifications?

A26: Section 25 91 00 has the PLC, HMI and SCADA specifications. The specification is a performance spec and open to all suppliers who can meet the requirements.



To: Whom It May Concern

The following changes to the Tender Documents are effective immediately and will form part of the Tender Documents. Please insert the Addendum to the inside cover of the Specifications.

This Addendum #3 is to amend the following sections of the Tender Document:

1. Plan E01
Detail 1 – Alter Note 1A – Provide empty 78 mm conduit c/w pull line for future fire alarm cable.
2. Section 26 32 13 – Engine Generators
Alter Item 1.13.3 to “Genset and Fuel tank not to exceed 2.3 m in length and 1.3 m in width.”
3. Section 28 23 00 – HD Video Monitoring Security System
Add the following:
 - 2.1.3 Exterior Cameras.
 - .1 Active Pixels: 3328 x 1872
 - .2 Minimum Illumination: Colour 0.05 @ F1.33 (50 IRE)
 - .3 370 degree coverage from one IP address
 - .4 Built in 360 degree IR LED
 - .5 NEMA 4X
 - .6 Junction boxes as required
 - .7 Temperature +60 degrees Celsius to -40 degrees Celsius
 - .8 Supply three (3) cameras for Wastewater Trash Removal Building.
 - .9 Reference Model: i-PRO WV-S8563L

Please sign below to signify that you have reviewed the attachment and ensure that the attachment is included with your tender document.

BIDDER'S SIGNATURE