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Procurement and Contracting Services  
73 Leikin Drive,  
Visitor Center - Building M1  
Mailstop # 15  
Ottawa, ON K1A 0R2

**Attn: Shannon Plunkett 613-843-3798**

**Facsimile Number for Amendments: 613-825-0082**

**AMENDMENT - INVITATION TO TENDER**

**MODIFICATION - APPEL D'OFFRES**

**Tender to: Royal Canadian Mounted Police**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services and construction listed herein and on any attached sheets at the price(s) set out therefore.

**Soumission aux: Gendarmerie royale du Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

**Comments - Commentaries**

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du fournisseur/de l'entrepreneur**  
**Facsimile No. - No de télécopieur:**  
**Telephone No. - no de telephone:**

<b>Title-Sujet:</b>  CONSTRUCTION – Gun Range Renovations, AB Various Locations	
<b>Solicitation No. - No. de l'invitation</b>  201702170	<b>Date</b>  2016/09/19
<b>Client Reference No. - No. De Référence du Client</b>  201702170	<b>Amendment No. – N° du modification</b>  003
<b>GETS Reference No. - No. de Référence de SEAG</b>	
<b>Solicitation Closes –L'invitation prend fin</b>  <b>at - à</b> 14 :00 ET <b>on - le</b> Sept 22, 2016	
<b>F.O.B. - F.A.B.</b> Destination	
<b>Address Enquiries to: - Adresser toutes questions à:</b>  <a href="mailto:dale.rudderham@rcmp-grc.gc.ca">dale.rudderham@rcmp-grc.gc.ca</a>	
<b>Telephone No. - No de telephone</b>  613-843-5313	<b>Fax No. - N° de FAX:</b>
<b>Destination of Goods, Services, and Construction:</b> <b>Destinations des biens, services et construction:</b>	
<b>This document contains a Security Requirement</b>	
<b>Delivery Required - Livraison exigée:</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur</b>	

## **Amendment #003**

Amendment #003 of Solicitation 201702170 has been issued to **incorporate Addendum No.003, and response to Questions – Part 3**

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- 1. Please find Addendum No.002 attached to Notice of Proposed Procurement 201702170\_adn-03.pdf**

### **2. QUESTIONS AND ANSWERS – PART3**

- Q9. At the walkthroughs Monday at Edson it was brought up that we don't know to what extent lead remediation should be completed, is the intent to sandblast and repair each impact location on the existing walls and ceiling prior to moving forward with the new wall assembly?
- A9. *Refer to the specifications and the Lead Abatement Schedule located on the drawings for the extent of Lead Abatement.*
- Q10. The Edson location shows some indication of ground water issues, there is concrete cracking, evidence of standing water & the budyl seal at the perimeter of the room requires attention. Will this be added to the scope of work for the project or addressed prior to our start date?
- A10. *The structural drawings indicate to patch repair all cracks and spalled areas in the ranges. The contractors should make appropriate allowance in their bid to complete this work. The seal at the perimeter of the room will be removed during the lead abatement. The specifications indicate to provide type 2 sealant where floors abut foundation walls. It is our understanding the water issues were resolved by the building operators. Epoxy injection will be added to the scope of work via addendum no. 3*
- Q11. The Edson location has cracks in the concrete exterior foundation wall & the interior masonry wall in the gun range area, in several locations, some direction as to crack repair methodology, materials, & extent of repairs required is needed to provide pricing. As there were several general contractors who attended the Edmonton walkthrough but none of the others can pictures of these locations & an overview be included if this is to be part of the scope of work.
- A11. *See response to item 10.*
- Q12. Can it be identified what size area of impact damage requires concrete repair, is it the intent to have a completely level flush surface on the walls prior to install of the new system?
- A12. *See response to item 10.*
- Q13. Does the required 13mm fire rated plywood sheathing and the 38x89 wood strapping for the gun range walls need to be fire rated prior to installation or can a coating be applied onsite to make the wood fire rated?
- A13. *Refer to the specifications 06 10 00 – Rough Carpentry for Fire Retardant Treated Wood.*

- Q14 The controls sequence of operation for RCMP Edmonton is shown below. Is there a TF-1 and Heat Recovery Ventilator HRV-1 for RCMP Edmonton as this equipment cannot be located on the RCMP Edmonton drawings? If this equipment is not part of contract please confirm deletion of associated point from Section 23 09 93.2 Point Schedules.

*Section 23 09 93.1*

*SEQUENCE OF OPERATIONS Project No.: 144202775.215 FOR HVAC CONTROL Page 2 of 2*

*3.3 Cleaning Station Air Filtration*

*.1 Operation of the cleaning station transfer fan TF-1 and Heat Recovery Ventilator HRV-1 shall be monitored by the BAS.*

*.2 The transfer fan and heat recovery ventilator shall be energized by a manual switch located adjacent to the cleaning station.*

*.3 Differential pressure sensors shall be provided on the HEPA filters serving the gun cleaning station to monitor the status of the filters.*

*.4 A BAS panel shall be located in the firing range control room for to provide status of the HEPA filter. The panel is to have three (3) lights: normal operation, filter change recommended, change filter immediately.*

**A14. *The controls specification will be updated in Addendum No.3***

- Q15. For RCMP Edmonton - Please confirm where the new variable frequency drive (VFD) for AH06-EF1 is to be located.

**A15. *Electrical room 3101***

- Q16. For RCMP Edmonton - Please confirm where electrical CDP-NAA1 is located.

**A16. *This panel will not be used. Panel BP-310NA1 located in Electrical room 3101 will provide power for AH06 EF-1. This will be picked up in Addendum No.3***

- Q17. What are the specs (Make/Model/etc.) of the following: **A17: *Stantec assumes this refers to Edmonton***

- a. Fire Alarm Panel A17(a): *Edwards***
- b. Security Panel A17(b): *Type is unknown***
- c. Panel "BP-B23A.NB1" A17(c): *Cutler/Westinghouse type PL-1. Replacement breakers available through Eaton***
- d. Panel "CDP-AAA1" A17(d): *This panel will not be used. Panel BP-3101 NA1 located in Electrical room 3101 will provide power for AH06 EF-1. Cutler/Westinghouse panel. This will be picked up in Addendum No.3***
- e. Communications Panel A17(e): *Type is Unknown***

- Q18. What are the locations of the following:

- a. Fire Alarm Panel A18(a): *Main Entrance near check in desk***
- b. Security Panel A18(b): *Security is a network of panels spread throughout the facility, located in communication rooms.***
- c. Panel "BP-B23A.NB1" A18(c): *Main Floor corridor closet***
- d. Panel "CDP-AAA1" A18(d): *This panel will not be used. Panel BP-3101 NA1 located in Electrical room 3101 will provide power for AH06 EF-1. Which will be included in addendum no. 3***
- e. Communications Panel A18(e): *Main telecom vault is in basement room 20***

- Q19. DWG E200: Keynote 9 refers to '...or nearest 600V Panel...' in regards to a new exhaust fan on the roof. Is there possibly a panel in the vicinity?

**A19. *Electrical room 3101 is the closest room to this part of the roof. Panel BP-3101 NA1 is the nearest 600V panel. This will be picked up in Addendum No.3***

Q20. As there are no Gridlines, except for Detail 4, it is difficult to know the whereabouts of the Roof Plan in relation to a power connection. Are there more complete drawings showing the location of the Roof Plan with respect to the rest of the building?

A20. ***Review of existing drawings indicate that Electrical room 3101 appears to be 50meters from the exhaust fan location. Allow for length of wire from panel BP-3101 NAI to new VFD (supplied by mechanical and to be located in room 3101). Then allow for vertical run of wire to ceiling and horizontal run through ceiling to roof penetration and wire to exhaust fan connection.***

Q21. Are there Preferred Security and/or Fire Alarm and/or Communications Contractors that the RCMP would like to, or are required to, work with?

A21. ***Convergent Technologies***

Q22. On the Edmonton Electrical Drawings there are drawings E01 – General Notes Stating a Project # PTS 4364 showing doors 101, 102 & 103, during the site visit no one was aware of these doors or their locations and requirements for them. Can you please clarify where these doors are, what are the security wiring requirements, conduit and wiring for power requirements, Wall Type? Is the Electrical Contractor responsible for the Door Security/Fire Alarm with the equipment as shown?

A22. ***This sheet was uploaded to buy and sell by mistake and is for another project. As per Addendum#001, please disregard this sheet.***

Q23. St Paul. Drawings do not show an HRV unit or a Transfer fan as per(Section 23 09 93.1 Page 2 of 2 3.3.1 and on the points list) there are 2 VAV box shown on Drawing M101 are these to be added to the BMS or are the existing controls to be reused and relocated?(what are the existing controls?)

A23. ***The controls specification will be updated in Addendum No.3***

Q24. Edson. Drawings do not show a Transfer fan as per (Section 23 09 93.1 Page 2 of 2 3.3.1 and on the points list) MUA1 On Drawing M102 appears to have a damper on the supply duct no mention of this damper in the sequence of operations or the points list there are 2 radiation valves shown on drawing M101 are these being connected to the new BMS or are they on an existing controls?

A24. ***The controls specification will be updated in Addendum No.3***

Q25. Red Deer. Drawings do not show an HRV unit or a Transfer fan as per(Section 23 09 93.1 Page 2 of 2 3.3.1 and on the points list) there are 2 VAV box shown on Drawing M101 are these to be added to the BMS or are the existing controls to be reused and relocated?(what are the existing controls?) Drawing M101 shows a motorized damper feeding room 006 existing outside air duct is this damper also existing and do the controls for this damper also exist?

A25. ***The controls specification will be updated in Addendum No.3***

Q26. Edmonton. Drawings do not show an HRV unit or a Transfer fan as per(Section 23 09 93.1 Page 2 of 2 3.3.1 and on the points list) There are 2 VAV box shown on Drawing M101 are these to be added to the BMS or are the existing controls to be reused and relocated?(what are the existing controls?)

A26. ***The controls specification will be updated in Addendum No.3***

Q27. Please Clarify - BMS computer and software requirements: It appears at present you want a computer and software at each site please verify.If you are having the BMS system connected via IP address on the existing IT infrastructure then you would only require 1 software package on a server which would give you access via any computer

A27. ***Operator stations are not required for the sites. Edmonton has an existing BAS which new equipment will be tied into. All other ranges will have standalone control panels for control of the range ventilation equipment. Control function, and alarm notifications, will be through this panel.***

- Q28. The hardware set references door number 016.1. There is no door of that number on the floor plans, but there is a door number 002.1. Is the door number listed for the hardware set incorrect, or should there have been a different hardware set provided?
- A28. *We believe this question refers to the St. Paul Location. Door 016.1 is noted and coordinated between the floor plans and specifications. The Edson Location has door 002.1. Please confirm you are not mixing up drawings and specification appendices.*
- Q29. There is also a door 002.4 shown on the floor plans, but no hardware has been specified. Will hardware be issued for this door? The door schedule says it is to use Set 2 which has not been issued.
- A29. *See response to item 27*
- Q30. As these are existing sites will the existing control vendor be used or is there a requirement to tie into the existing control system?
- A30. *Edmonton is the only site with an existing control system. All other sites are to have a new standalone control panel for range ventilation control. However, all panels are to be BACNet to allow for connection to future BAS systems.*

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.**

## BID AND ACCEPTANCE FORM (BA)

### BA01 IDENTIFICATION

CONSTRUCTION – Gun Range Renovations, AB Various Locations

### BA02 BUSINESS NAME AND ADDRESS OF BIDDER

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ PBN: \_\_\_\_\_

Email: \_\_\_\_\_

### BA03 THE OFFER

The Bidder offers to Her Majesty the Queen in right of Canada to perform and complete the Work for the above named project in accordance with the Bid Documents for the Total Bid Amount of

Section	Title	Total
	Base Price (Bid)	\$
01 21 00 1.1	<i>Allowance for Laboratory Services</i>	\$ <b>200,000.00</b>
<b>Total (excluding GST/HST)</b>		\$

### BA04 BID VALIDITY PERIOD

The bid shall not be withdrawn for a period of (60) days following the date of solicitation closing.

### BA05 ACCEPTANCE AND CONTRACT

Upon acceptance of the Contractor's offer by Canada, a binding Contract shall be formed between Canada and the Contractor. The documents forming the Contract shall be the contract documents identified in Contract Documents (CD).

### BA06 CONSTRUCTION TIME

The Contractor shall perform and complete the Work by July 29, 2017

### BA07 BID SECURITY

The Bidder is enclosing bid security with its bid in accordance with GI08 - Bid Security Requirements of R2710T - General Instructions to Bidders.

### BA08 SIGNATURE

\_\_\_\_\_  
Name and title of person authorized to sign on behalf of Bidder (Type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date