



Royal Canadian Mounted Police Gendarmerie royale du Canada

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Royal Canadian Mounted Police
73 Leikin Drive,
Ottawa, ON K1A 0R2
(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:**

Title-Sujet: Hangar Door Replacement	
Solicitation No. - No. de l'invitation 201603361	Date Dec 2, 2015
Client Reference No. - No. De Référence du Client 201603361	Amendment No. - N° du modification 003
GETS Reference No. - No. de Référence de SEAG 201603361	
Solicitation Closes -L'invitation prend fin at - à 2:00 pm EST on - le Dec 3, 2015	
F.O.B. - F.A.B. Destination	
Address Enquiries to: - Adresser toutes questions à: dale.rudderham@rcmp-grc.gc.ca	
Telephone No. - No de telephone 613-843-5313	Fax No. - N° de FAX: 613-825-0082
Destination of Goods, Services, and Construction: Destinations des biens, services et construction: RCMP/GRC 3257 Carp Rd. Carp ON.	
This document contains a Security Requirement	
Delivery Required - Livraison exigée: See Herein	Delivery Offered - Livraison proposée
Name and title of person authorized to sign on behalf of Vendor/Firm Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur	



A signed amendment cover page should accompany your bid.

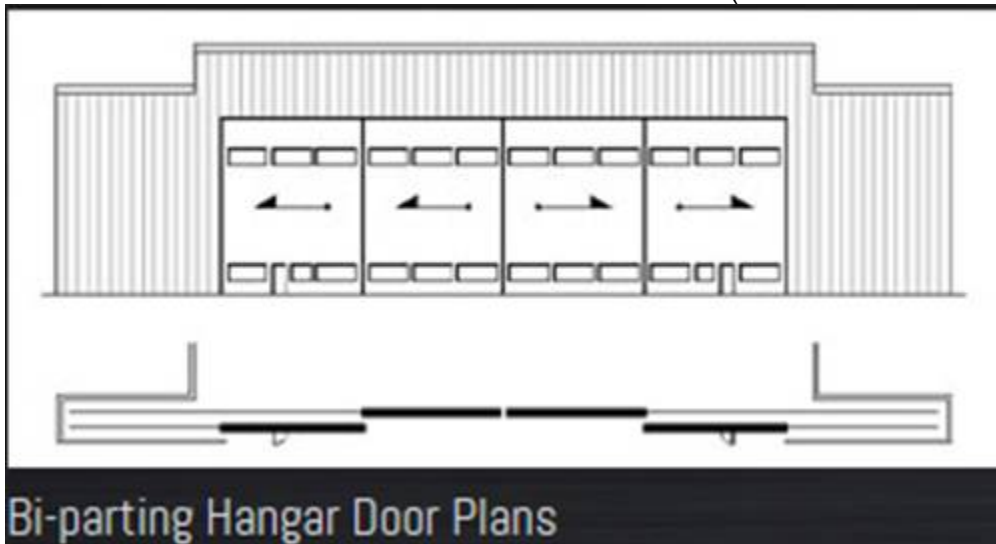
Amendment002 to ITT 201603361 is created to distribute addendum001 and provide Questions & Answers Part1 as follows:

1. Questions & Answers Part1

- Q1. Can you please advise us if the rigid insulation around the foundation walls in section 3-A102 attached is an existing insulation. If not, can you provide us with dimensions?
A1. ***Thickness to suite width of existing footing projection anticipated to be a min of 200mm.***
- Q2. Please provide a basic wall makeup for the door structure b/w the existing o/h doors.
A2. ***Existing tilt up "door panels" between the existing roll up doors consist of plywood panels fastened to hinged steel structures.***
- Q3. Please provide a specification for the expansion joint shown on the architectural dwgs.
A3. ***We call for M-Seal where applicable, this is an on site application.***
- Q4. Several notes on the dwgs make references to the bottom tracks & guide rails being installed by others? Is there another sub taking care of this whose price we need to carry? Or is it supposed to be incl'd in the hangar door sub's scope?
A4. ***To be included in the hangar door sub's scope.***
- Q5. Please provide a specification on the metal insulated sandwich panel to be used.
A5. ***See attached specification 07 46 13***
- Q6. Please provide a specification on the drainage system to be used on detail 2-a102. Is this the only location it is to be installed at? Please provide a plan view/layout of the drainage system.
A6. ***Rail drainage to be coordinated with door manufacturer. Also see ASK-03***
- Q7. Did you need an expansion joint b/w the new hangar door footing & existing foundation wall?
A7. ***Structural Engineer reconfirm that no expansion joint is required along the existing foundation wall.***
- Q8. Spec. Section 01 01 00: Time of Completion (Item 1.1.1) says to complete the work by March 28, 2016. Spec. Section 01 01 00: Scheduling (Item 1.34.5) says " the substantial completion date is set for 30 calendar days after award of contract. The awarded contractor is to adhere to this date." The tender form says to complete the work no later than March 26, 2016. Which of these time frames is correct?
A8. ***Complete the work no later than March 26th 2016.***
- Q9. No specification has been provided for the composite metal siding / roofing panels. What is the required metal thickness (gauge), R-value, texture, profile, etc.....
A9. ***See attached specification 07 46 13***
- Q10. There is no specification for the type of roofing membrane that is required on the back side of the new structure. Please provide.
A10. ***See attached specification 07 62 00***



- Q11. Testing and Inspections: fees related to concrete testing and a welding inspection have been identified in the specification as being paid by the owner. Who will pay for the geotechnical reviews (ie: subgrade evaluation and compaction testing)?
- A11. **Client will pay for the geotechnical reviews that are required.**
- Q12. Spec. Section 01 35 31: Work Permit (Item 1.4.1.) says “Obtain building permit related to project prior to commencement of work”. Is a building permit required for this project? If so, who is responsible to pay for the building permit fee?
- A12. **Permit fee handled by the client. GC to obtain occupation permit.**
- Q13. The bi-parting doors are not shown in the correct orientation – unless the door is to be operated from the exterior. The center doors should be on the interior. (refer to sketch below).



- A13. **The center doors have to be on the exterior due to the fact that the door support structure could not be enclosed see A.14.**
- Q14. The siding details are quite vague. No details have been provided on how the insulated panels are to be supported beyond the metal deck or how the roof panels to be sealed around the HSS penetrations? Do these penetrations require flashings or is sealant acceptable? It is going to be extremely difficult to install the panels or even keep these penetrations weathertight. There is also the issue of cold transfer through the HSS tubes coming from the cold exterior to the heated interior. It would be much simpler and a better detail to fully enclose the upper structure. Please consider.
- A14. **We are proceeding with current approval design.**
- Q15. Please provide a reflected ceiling plan for the soffit area.
- A15. **Reflected a ceiling plan will not offer any additional information.**
- Q16. Please provide asphalt pavement details. (thickness, # of layers, type, etc...)
- A16. **All pavement details & specifics will be provided after award as an extra.**
- Q17. The electrical drawing does not address the relocation of the existing grounding wire located along the right side of the hangar door (detail 1 on Drwg. A-011 says to refer to electrical).
- A17. **See note 18 on E-1 for relocation of existing grounding wire.**
- Q18. There are a number of existing outlets on both sides of the hangar door opening that are not indicated on the electrical drawings. (See photos below). Do these need to be removed or relocated?



- A18. **See note 21 & 22 on E-1 for relocation of existing outlets.**
- Q19. Please provide more information on the rail drainage: pipe material & diameter, site plan.
- A19. **Rail drainage to be coordinated with door manufacturer. Also see ASK-03**
- Q20. Provide sandwich panel and roof flashing specs. Also required detail for panel connection to the building structure.
- A20. **See attached specification section 07 46 13**
- Q21. Section 5 on A102 shows steel stud framing. What stud size and gage will be used?
- A21. **G.C to provide engineering stamp stud framing drawings for review ad approval.**
- Q22. Please clarify rigid insulation size
- A22. **See note A1**
- Q23. Drawings are showing insulated metal panels for siding and roofing but no specifications we're issued for these panels. Please clarify.
- A23. **See attached specification 07 46 13**
- Q24. No details regarding the installation of the insulated metal panels are shown on the drawings. Please clarify.
- A24. **See attached specification 07 46 13**
- Q25. Spec. Section 05 12 23: Structural Steel for Buildings (Item 2.3.2) says "Prepare surface according to SSPC-SP-6". This surface treatment requires sand blasting all steel components. This becomes a "very expensive" option and would seem unnecessary when utilizing new steel product. Please confirm if this requirement is necessary.
- A25. **See attached specification 09 91 13.**
- Q26. Drainage/plumbing of railings is shown on drawing A-102, please provide location existing



- drainage (point of connection) where we could connect the drain pipe.
- A26. **See ASK-03 and coordinate with door manufacturer.**
- Q27. Please see attached design from our door manufacturer, their minimum distance required is approximately 1.48 meter from inside to inside edge of the steel structure. Tender drawings has lesser distance. Kindly provide new drawings with the adjusted measurements to suffice door manufacturer requirements and for us to price all related works accordingly.
- A27. **Clearances are adequate according to our findings.**
- Q28. As a hangar door expert and the oldest hangar door manufacturer in Canada, I would like to ask for a bid date extension. I believe that the RCMP is making a serious mistake with the layout of the hangar door. - The door pockets should be cladded and the door should open into a HEATED door pocket. The cost implication would be minor however the benefit would be enormous. The design shown is often referred to as a SOUTHERN design. All Canadian hangars should be designed as a NORTHERN layout.
- A28. **We will proceed with the current design that has been approved by the client.**
- Q29. Are you able to provide a spec (size and make-up) on the duct to be relocated? Is it for air intake? Where is it to be relocated to?
- A29. **See note 17 on E-1**
- Q30. Is there a geotech report available for the existing soil conditions? If not, can you provide the make-up of the existing material (e.g. existing granular, silty clay, etc...)?
- A30. **Geotech report is available and will be provided by the client.**
- Q31. Can you provide a spec for the board insulation to be used at the foundation wall?
- A31. **See note A1.**
- Q32. Section detail 2-A102 shows a drainage area and some piping. The extent of that drainage area is not shown anywhere on the drawing. Please clarify.
- A32. **See ASK-03 and coordinate with door manufacturer.**
- Q33. Could you please provide us with spec for the “non-frost susceptible engineered backfill” shown on section detail 2-S2.
- A33. **Geotech engineer to be mandated by client.**
- Q34. How to maintain hanger secured during construction.
- A34. **Refer to ASK-01 & ASK-02.**
- Q35. How to price replacement of damaged exterior siding & edge trim on existing Hanger structure.
- A35. **Provide firm lump sum.**
- Q39. Drawing A-101 detail 1 mentions New Man Door to be installed, refer door manufacturers specifications. Our Hangar Door Manufacturer will not provide any man door kindly give specifications for us to quote appropriately.
- A39. **See provided specification sections 08 11 14 & 08 71 10**
- Q40. Kindly provide specs for the pipes & drain covers, distance intervals within the span of the railings for us to know the quantity.
- A40. **Requested specifications to follow shortly**
- Q41. Please give us the specs for the door cladding to quote appropriately.
- A41. **See provided specification section 07 46 13**



- Q42. We require also the specs of the door cladding so our door manufacturer could verify if the given width (1575mm as per detail 2 drawing A-101) is doable.
- A42. **See provided specification section 07 46 13**
- Q43. Spec. Section 08 13 73: Hangar Doors (Item 2.2.1.) says There shall be one door designed to cover the opening as follows; “Service Hangar: 35.5m wide x **15.5m** high x 6 leaves (bi-parting)”. However, detail 1 on Drawing A-101 shows a panel height of 9750mm. Please confirm that the specification is not correct.
- A43. **The clearance of the new steel support structure is set at 9635mm, door manufacturer to ensure size of panels and all associated hardware & track support work within the constructed structure. The Height of panels should be in the range of 9.2mm.**

Additional Instructions

-Exterior skin & insulation (100 mm layers of minimal fiber – Roxul) of doors by General Contactor

-All exposed steel framework to be painted

-All exterior sliding doors to be painted (both sides_ including integral man door.

-Contractor to provide girts and framing members for siding and roofing panels to suit condition

Also see attached specification section 32 31 13 for chain link fences and gates.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME