



**Canadian Mounted Police  
Gendarmerie royale du Canada**

**RETURN BIDS TO :**

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**Bid Receiving Unit / Groupe de la réception des soumissions**

Procurement & Contracting Services / Services d'acquisitions et des marchés.

Royal Canadian Mounted Police  
73 Leikin Drive,  
Mailstop \$15,  
Ottawa, Ontario  
K1A 0R2  
Attn: Diane Perkins

Telephone No./no de téléphone: (613) 843-5904

**AMENDMENT TO THE INVITATION TO TENDER**

**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.

**MODIFICATION À L'APPEL D'OFFRES**

**Gendarmerie royale du Canada**

Nous offrons par la présente de vendre à Sa Majesté I 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**

Telephone No. – No de téléphone: ( )

Facsimile No. – No de télécopieur: ( )

<b>Title-Sujet</b> Construction of Coaldale Detachment		
<b>Solicitation No. – No. de l'invitation</b> 201904154	<b>Amend. – Modif.</b> No. 5	<b>Date</b> March 4, 2019
<b>Client Reference No. - No. de Référence du Client</b> 201904154		
<b>GETS Reference No. – No de Référence du SEAG</b> PW-19-00861495		
<b>Solicitation Closes – L'invitation prend fin</b> <b>at – à 2:00 P.M</b> EST (Eastern Standard Time) <b>on – March 8, 2019</b>		
<b>F.O.B. - F.A.B.</b> Destination		
<b>Address Enquiries to: - Adresser toute questions à :</b> Diane Perkins		
<b>Telephone No. - No de telephone</b> 613-843-5904	<b>Fax:</b> 613-825-0082	
<b>Destination of Goods - Destinations des biens:</b> See Herein		
<b>Instructions : See Herein / Voir aux présentes</b>		
<b>Delivery Required – Livraison exigée:</b> See Herein		
<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>		



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**Amendment No. 5**

Construction – Coaldale Detachment

**SOLICITATION NO. : 201904154**

Date: March 4, 2019

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**Solicitation Amendment: 005**

**Part 1: Respond to Questions Submitted**

**Part 2: Addendum #3 and Addendum #4-** Specifications and drawings have been added to this tender, under the Attachment section.

**Part 1 - Question/Answer:**

**Question #1:**

Is an unlocked version of the drawings PDF available?

**Answer #1:**

There is no unlocked version of the drawings available.

**Question #2:**

There is a note on the front page of Invitation to Tender noting some security protocol required when delivering the bid documents, do we need to obtain any sort of security clearance ahead of time? Or will the person delivering just need to provide photo identification and contact information on arrival to enter the building?

**Answer #2:**

All persons delivering mail, parcels and bids to the Mail Parcel and Screening Facility will be asked to provide government photo identification and the Invitation to Tender #201904154.

**Question #3:**

With regards to the wall panels, AP2 Elevations Rm.102; 103; 104 Shows panels without joint lines. Panel fabrics come in a maximum usable width of 62 Acoustic board sizes are based upon the typical 4' x 8' standard size. May we divide the panels as necessary to suit available materials?

**Answer #3:**

Joint lines can be divided to suit materials and will be reviewed during shop drawings.

**Question #4:**

Section 09 80 00 Item 2.1.2.1.4 Describes a fabric panel with NRC of 1.10, please clarify the thickness of these panels

**Answer #4:**

Thickness is based on the manufacturer. NRC designation will be revised by addendum.

**Question #5:**

Section 09 80 00 Item 2.1.2 Acoustic Units - The panels tightly abut to doors, inside corners, cameras & adjacent panels. To make this work, the panels will need to be custom cut to fit, either on site or in the shop. The expected Fit & Finish may not be achievable. Typically, pre-manufactured panels work better as island panels, not tightly abutted. Also, Such panels are made after As-Built dimensions can be taken accurately which can cause production delays. Note, very few panel manufacturers have the CAN/ULC S-102 flame test. As an Equal, May we use the Class A fire rated (CAN/ULC S-102) Fabri-Lok PVC Trak



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System which delivers unequalled Fit & Finish, is stick built on site & can be installed during the construction period before As-Builts are ready?

**Answer #5:**

For the purposes of bidding consider the panels to be custom built. Layouts will be reviewed during shop drawings. We expect all panels to be as-built to the final construction of the spaces. Class A flame spread will be considered and added by addendum if acceptable. The requested system could not be reviewed because not sufficient information was provided.

**Question #6:**

Elevations

Rm.102; 103; 104

Shows panels without joint lines. Panel fabrics come in a maximum usable width of 62"

Acoustic board sizes are based upon the typical 4' x 8' standard size.

May we divide the panels as necessary to to suit available materials?

**Answer #6:**

Joint lines can be divided to suit materials and will be reviewed during shop drawings.

**Question #7:**

Section # 09 80 00

Item: 2.1.2.1.4

Describes a fabric panel with NRC of 1.10

What is the overall thickness of panels?

**Answer #7:**

Thickness is based on the manufacturer. NRC designation will be revised by addendum.

**Question #8:**

Section # 09 80 00

Item 2.1.2Acoustic Units

The panels tightly abut to doors, inside corners, cameras & adjacent panels. To make this work, the panels will need to be custom cut to fit, either on site or in the shop. The expected Fit & Finish may not be achievable. Typically, pre-manufactured panels work better as island panels, not tightly abutted.

Also, Such panels are made after As-Built dimensions can be taken accurately which can cause production delays.

Note; very few panel manufacturers have the CAN/ULC S-102 flame test.

As an Equal, May we use the Class A fire rated (CAN/ULC S-102) Fabri-Lok PVC Trak System which delivers unequalled Fit & Finish, is stick built on site & can be installed during the construction period before As-Builts are ready?

**Answer #8:**

For the purposes of bidding consider the panels to be custom built. Layouts will be reviewed during shop drawings. We expect all panels to be as-built to the final construction of the spaces. Class A flame spread will be considered and added by addendum if acceptable. The requested system could not be reviewed because not sufficient information was provided.

**Question #9:**

Could you advise if there is any painting or interior finishes required in the Outbuildings?

**Answer #9:**

The interior finishes to the outbuildings are sealed concrete, exposed concrete block or prefinished panels, and no additional painting to the roof structure



**Question #10:**

Who arranges and pays for sound testing

Spec indicates 1.6 mm (14 gage) steel studs to support fire rated doors. Can the steel thickness be reduced?

Spec indicated no hanger wires that support ceilings to be attached to roof deck. Is this detail enforced for southern Alberta?

**Answer #10:**

Acoustic testing: refer to 01 21 00 Cash Allowances.

Stud thickness: Stud thickness is to remain as specified.

Ceiling supports: Clarification will be provided to spec 09 51 13R. Article 2.1.4 is provided for seismic considerations in addition to the suspended ceiling system as recommended by the acoustic unit manufacturer.

**Question #11:**

The Irrigation plans have Toro heads specified, would Hunter heads be an acceptable alternate.

**Answer #11:**

No specific Toro product is mentioned for substitution in the question nor are any specific Hunter products suggested as alternatives. No Hunter fixed or adjustable spray sprinklers are substitutions for the specified Toro precision nozzles. MP Rotators were considered for the design but Toro Precision rotators were finally selected. Therefore Hunter MP Rotator sprinklers are NOT an acceptable substitute for the specified Toro products.

**Question #12:**

In the specs it calls for Agway metal roof as well as the Vic west Traditional 150. The Agway brake form B and B only comes in 20 ft and these are 24 ft on the front roof. Also will this Agway brake form roof with stand our winds in Southern Alberta ?

**Answer #12:**

The roof material will have positive lapping with butyl tape at the seams. The 1540 square batten profile will be continuous. Agway installation is on steel deck for wind considerations. System will be engineered in shop drawings.

**Question #13:**

On drawing M2.1 (Keynotes #11, #14 & #16) Is it acceptable for insulation sub-contractors to use fiberglass insulation as an acceptable alternate to Armaflex in the block walls?

**Answer #13:**

No. Please bid as per the information in the tender documents.

**Question #14:**

We are inquiring if galvanizing reinforcement is a requirement. Under the specs – Concrete reinforcing, Materials state galvanizing but on the drawings says regular reinforcing grade 400?

**Answer #14:**

There is no galvanized concrete reinforcing required for the Protective Services Building (RCMP Detachment) in Coaldale

**Question #15:**

For the roll down shades - it mentions all exterior windows should have the shades however does this include the higher elevation windows in the Clerestory W20,W21,W22,W23?

**Answer #15:**

Clerestory glazing does not receive window coverings.

**Question #16:**



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There seems to be some grab bar keynote tags missing in the washrooms on drawing A9.1 detail 10. Please confirm what items are required.

**Answer #16:**

Barrier Free stalls in rooms 134 and 135 each require 1 angled and 1 straight grab bar; keynotes 1 and 2.

**Question #17:**

Drawing A8.1 details 10, 12, 13 please confirm the acoustic wall panels are to be type AP2 as per detail 4-A5.2?

**Answer #17:**

AP2 Clarification will be provided by addendum.

**Question #18:**

Drawing A8.2 details 9-16 don't have any tags, should there be AP1 on these walls similar to details 5-8? In addition is WP required on the lower half of the walls in all of these details?

**Answer #18:**

AP1 Clarification will be provided by addendum.  
Extent of wall protection is provided on drawing A10.1.

**Question #19:**

Drawing A8.3 details 1 and 3 shows "duty bag storage" although I can't find any additional information. Is this item to be provided by GC, if so please provide additional details/product information.

**Answer #19:**

Refer to section 23 on drawing A9.4

**Question #20:**

The purpose of this email is to propose a cost-saving alternative solution to pilling for your Coaldale Detachment project in Alberta.

We have been approached by contractors to price the foundation portion of Coaldale Detachment project.

After reviewing the tender documents, we proposed that an alternative construction method will be substantially more cost-effective than the designed pilling system. The respond was that since the structural design for foundation will need to be changed, it won't be an acceptable option.

The alternative method that we proposed for this project is called Controlled Modulus Column (CMC). I have attached the brochure that includes more information for your review.

Among the projects that we have successfully completed in the Prairies using CMC method, I can mention:

1. Southwest Rapid Transit highway in Winnipeg for PCL, including 2 fly overs in highly plastic clays. Our solution saved over 35% in cost vs. the base solution
2. Cargill Fertilizer Storage Expansion in Clavet, SK. Our Design-Build solution saved over 50% in foundation cost.
3. Edmonton LRT for TRANSED (Bechtel-EllisDon JV) to support 4 MSE ramps and 1 station. Again, significant savings here.
4. Carseland Tank Farm for Federated Coop near Calgary to support 17 tanks.
5. Trinity Hills Complex development near Canada Olympic Park, Calgary, AB.

We are convinced that we can save you cost for your foundation and structure by switching from deep foundation (Pile) to ground improvement (CMC) on this project.

**Answer #20:**

The suggested alternative is not being entertained during bidding as this will affect multiple disciplines and the engineered design.

**Question #21:**

I have reviewed the documents for the Construction of Coaldale Detachment - Protective Services Building project and would like to propose an alternate to the T-Clip System shown on drawings. To that end, I am submitting a formal request to be included as an alternate on this project.



**Answer #21:**

Alternative thermal clip systems did not need to request an equal. To clarify,

**Question #22:**

**Re: CGC Request for Equal : Acoustic Tile & Suspension Grid: Government of Canada  
Coaldale Government Building Project No. 9030**

Please accept the following information and corresponding data sheets. request for acoustical product "alternate/ equal" consideration for the above mentioned project for Acoustical Ceilings & Suspension System– Section 9. We have attached all relative data sheets for each submission as listed below .

Should you require any further information or samples, please do not hesitate to contact us at your earliest convenience.

**Government of Canada  
Coaldale Government Building  
Project No. : 9030  
Section 09 51 13R  
Acoustic Unit Ceilings  
Page 3**

**2. Products**

**2.1 MATERIAL**

**2.1.1.2 ACP-2 Acoustic Units: Room 156**

**CGC REQUEST FOR EQUAL / ALTERNATE : Meets and Exceeds specified product**

**Suspension System: CGC Donn DX/DXL 15/16" Heavy Duty Grid Flat Black 205**

**Answer #22:**

USG/CGC Substitution for ACP-2 is acceptable and will be added by addendum. Grid systems will be determined by manufacturer during shop drawings and must meet Seismic Design Category D.

**Question #23:**

Question on acoustic panels:

Elevation on A8.2 show AP1 (fabric wrapped) on part of each wall in room 102. The finish schedule on A10.1 shows Tec finish. Which is correct? Also do the panels run wall to wall or are there portions of painted drywall exposed?

Rooms 103 and 104 do not show finish type on elevation A8.2, finish schedule shows AFP in room 103 (is this acoustic fabric wrap panel?) and Tec in room 104. Each wall has several lines splitting it up. Which sections are panels and which is painted drywall?

Is sound and smoke seal be needed at the top of the acoustic steel stud partitions as shown on A2.1 or anywhere else?

**Answer #23:**

Clarification for AP1 and AP2 on the schedule on drawing A10.1 will be provided by addendum.

Extent of acoustic panels will be clarified by addendum.

Room 103 and 104 acoustic panel type will be clarified by addendum.

Acoustic walls as noted on drawing A2.1 will require acoustic ceilings above acoustic panel ceilings as detailed on drawing A2.4 and A5.1. Smoke seals are required zero-hour rated fire separations all connections of walls.

**Question #24:**

1, The bollard quantity shown in 3/4/A2.8 does not match the quantity shown in east and west building at plan A1.1, please confirm which drawing we need to follow.



**Answer #24:**

Refer to AASK5 for bollard clarification. Issued with architectural addendum 2.

**Question #25:**

As per amendment 03 question 12, the alternate roof system has been answered, please find attached Data submittal for an approved equal alternative to match/exceed as specified in 07 52 00

We would like to offer an alternate Roof system for Roof systems R1 and R3.

As per section 01 62 00- 1.7, please see attached alternate product data sheets.

The system we propose would be as follows:

Fully Adhered system to match/exceed as specified in 07 52 00

60 Mil TPO

HD Iso board or Densdeck prime 1/2"

2 layers flat Insulation ( plus EPS/or PolyIso Tapered)

Self Adhered Vapor Barrier and Primer

Densdeck Prime 1/2"

On Metal Deck by others

**Answer #25:**

The TPO system proposed is a singly-ply system and is not an acceptable substitution for the 2-ply SBS roofing system. The substitution is not accepted.

**Question #26:**

Regarding scope section 12 24 13 "Roller Window Shades"

RFI- please accept the manufacturer Altex/Sunprojects and an alternate product to the Solarfective roller shades.

Only the shade manufacturer is to be substituted, shade fabric material to remain as per tender spec.

**Answer #26:**

The Moduline dual shade is an acceptable substitution.

No single shade blinds are noted on this project so Deko S70 is not a substitution for a product on this project.

**Question #27:**

Please clarify on the Roof Plan (A2.6) which roofs/overhangs are to be Assembly R3.

Some areas that show the R3 label (example: east Elev. gridlines A-F) are only overhangs with peel and stick and metal flashings, while others (example: North Elev. gridlines 1-5) are sloped, membrane roofs (R3). There are also areas missing a label and a cut-through (example: South Elev. gridline 10).

**Answer #27:**

Refer to Addendum 3.

**Question #28**

The project specifications require certain subtrade scopes to undertake delegated design. There does not appear to be any mention of whether the engineer undertaking the design is required to have Professional Liability Insurance. Is this required, and if so, what are the limits of the coverage, and what duration is the coverage required for?

**Answer #28**

Please refer to SC02 Insurance Terms and Annex "D" Certificate of Insurance for insurance requirements for the Contractor.

The RCMP is contracting with the Contractor only. Subtrades are the responsibility of the Contractor

**Question #29**

Spec 01 52 00 item 1.3 states security personnel is required to guard the site after working hours and holidays. Can you please confirm this is a requirement as it will be quite costly? Also, please advise if the



security personnel is required to be bonded and have security clearance.

**Answer #29**

Site security is the responsibility of the Contractor. The extent will need to be determined by the risk the Contractor is willing to accept.

**Question #30**

Could you please provide a specification for the concrete sealer required?

**Answer #30:**

Concrete sealer will be provided by Addendum 4

**Question #31**

In addition can you please clarify the following:

1. In addition to submitting a bid price adjustment via fax we will also need to submit a copy of "Appendix 2 - List of Subcontractors" via fax since we will not know which trades we will need to name until tender closing. Can this be submitted with our bid price adjustment or submitted post tender close via fax or email?

**Answer #31**

The list of subcontractors can be provided via fax up to tender closing date and time. No submissions will be accepted after closing.

**Question #32**

From the section 10/A1.2, 8" pipe shows sitting on the top of garbage enclosure slab. Please confirm this 8" pipe is designed to sit on top of garbage concrete slab or there is a footing for it? Please provide baseplate and footing information for this 8" pipe.

**Answer #32**

See details A and 3 provided on S5.1 for connections of steel pipe to foundation.

**Question #33**

- 1) Drawing A 2.6 R1 calls for 125mm insulation, In the spec book 07 52 00 Page 5 2.7 .1 Calls for 150mm insulation
- 2) 2.9.1 Is the spec for tapered drain sumps would they like 4'x4' or 8'x 8'
- 3) R4 and R5 are metal roofs on the out buildings. They are very low slope for a metal roof. Can they be changed or alternate pricing be given for SBS?
- 4) In the metal roofing spec Page 3 1.7 .3 calls for 125mm Z bar. On drawing A2.6 R5 calls for 50mm insulation.
- 5) In the Metal Roofing Spec Page 4 2.4 Fabrications, also Page 5 3.3 Standing seam roofing Please clarify.
- 6) What warranty is specified for the standing seam roofing?
- 7) R2 specifies Aluminum panels to be Board and batten fabricated metal roof panels. Using aluminum in this application isn't feasible, the material will crack. Also to purchase that material in the color specified is extremely expensive. If Vicwest Marquis metal roof panel was used in pre-painted steel it would give the same effect and be more cost effective.

**Answer #33**

- 1) Thickness will be clarified in Addendum 4.
- 2) Size of drain sump is clarified in Addendum 3.
- 3) Alternative pricing is not being accepted at this time as altering the roof type will affect multiple disciplines. Bid the documents as they are presently.
- 4) Refer to Addendum 3.
- 5) This item refers to the following 6 and 7.





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- 6) Refer to Addendum 3.
- 7) Material is to be bid as specified. Design can be reviewed with successful bidder.

**Part 2 – Addendum #3 & Addendum #4:**

Addendum #3 and Addendum #4 – Specifications and drawings have been added to this tender, under the Attachment section.

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.**