



Royal Canadian Gendarmerie royale
Mounted Police du Canada

RETURN BIDS TO :

RETOURNER LES SOUMISSIONS :

RCMP-GRC
Bid Receiving/Réception des sousmissions
Attention: Jordan McKenna
Mail Stop/Arrêt postal 15
73 chemin Leikin Drive,
Ottawa, ON K1A 0R2

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 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

Telephone No. – No de téléphone:

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Facsimile No. – No de télécopieur:

()

Title-Sujet Construction – Building A		
Solicitation No. – No. de l'invitation 201801002	Amend. – Modif. No. : 10	Date Aug. 1 st , 2018
Client Reference No. - No. de Référence du Client 201801002		
GETS Reference No. – No de Référence du SEAG		
Solicitation Closes – L'invitation prend fin at – à 2:00 P.M. EDT on – Aug. 2nd, 2018.		
F.O.B. - F.A.B. Destination		
Address Enquiries to: - Adresser toute questions à : Jordan McKenna		
Telephone No. - No de telephone 613-843-5518	Fax: 613-825-0082	
Destination of Goods - Destinations des biens: See Herein		
Instructions : See Herein / Voir aux présentes		
Delivery Required – Livraison exigée: See Herein		
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		

Amendment No. 10

Construction – Building A
SOLICITATION NO. : 201801002

Date: Aug. 1st, 2018

Amendment #10 has been issued to respond to questions

THE FOLLOWING CHANGES IN THE TENDER DOCUMENTS ARE EFFECTIVE IMMEDIATELY.

***Note: If questions posed have not been responded to, please bid as per Specs. And Drawings**

Q1: In the specs there is a section for applied fireproofing. I can't find where this would go in the drawings. Can you please clarify?

A1: Applied fireproofing will not be necessary in this project and the spec section will be deleted. See Addenda A-01

Q2: Some of the panel sizes shown on this project are too large to be produced. Max panel height should be limited to 60" center of joint to center of joint. Typical panel widths would be 72" to 144" center of joint to center of joint. Maximum panel width based on the stock plank sizes would be 192" center of joint to center of joint.

A2: See Addenda A-01 Drawings A201 and A202 were revised and reissued. The panels have been revised to fit within the limits of the manufacturer.

Q3: Are handicap operators required on any of the doors?

A3: No

Q4: Rooms 125A and 125B are not included in the Addendum 3 RF Shielding Components spec (2. Vestibules and Interconnect System Description)

A4: These rooms are to be supplied and installed by the owner. Contractor to provide the connection to the base building mechanical and electrical.

Q5: Drawing E002 Drawing note #3 makes reference to a "Modular Type 100Kw UPS System". Is this a customer supplied system that we are to install or are we to supply and install this system? I am asking because the items above and below indicate "Provide" where as it is not indicated for this item.

A5: Supply and install 100Kw UPS System; Specification Section 26 33 53.

Q6: Please confirm that “Door Detail Reference Letters” are in line with the drawings and details indicated. For example Reference A pertains to door detail #2 type B. I question this because if the drawings are accurate there are no door type “B” and there are extra reference letters for C1 and Sk shown by room 106.

A6: Delete entirely "door Detail Reference" Listed on Drawing 'E400' - See Addenda A-02

Q7: Please clarify if 300kVA/240kW generator shown on dwg. E002 is new, and supplied / installed by the electrical contractor?

A7: Generator to be Supplied by Owner, Installed by Contractor

Q8: Please provide, spec and sizing details on portable generator shown on dwg. E002?

A8: Generator to be Supplied by Owner

Q9: On dwg E002, drawing note (4) indicates we are to provide a Service Entrance Switchboard “DP” ...however it does not appear on the single line...please clarify.

A9: Switchboard ‘DP’ eliminated. Required breakers at transformer and disconnects in electrical room. See Addenda A-02

Q10: Annex B, has a panel legend for panel LS2, however it is not shown on single line drawing on E002, please clarify?

A10: This is a Typo in the single line drawing E002; should read ‘LS2’ in lieu of ‘ELS2’. See Addenda A-02

Q11: Annex B and the single line diagram on E002 show conflicting panel sizes for the following panels: UPS1, ERP1, please clarify which is correct.

A11: UPS1 panel to be 225A-120/208V 42ccts – Feeders to be 4C-225 with 200A-3P breaker in UPS.
ERP1 panel to be 400A-120/208V 72ccts – Feeders as per single line diagram.
See Addenda A-02

Q12: E300, note 18 – Data outlet adjacent to TV outlet, terminates in room 101 or 124?

A12: 101

Q13: E300, note 11 – Cabling requirements for wall-mount patch panels for waveguide locations?

A13: Provision for two (2) cabling drops of each groups to patch panels. RF Enclosure is not part of this contract. Specific cabling requirements will be determined in the future.

Q14: E300 Data/Fiber Cabling Schedule - Please confirm fiber patch requirements, LC-to-ST, 5m?

A14: Confirmed

Q15: E300 Data/Fiber Cabling Schedule - Please confirm quantities for Group 3 cabling, 6 x 24-strand OM4 fiber to each work station?

A15: Confirmed

Q16: E300, detail 2 & 3 – Please provide counts of specific rack components to be provided; horizontal cable managers, vertical cable managers, copper patch panels, fiber patch panels, etc?

A16: As per Addendum E1: Provision of the minimum components indicated on details 2/E300, additional requirement TBD by client at later date. Detail 3/E300 components supplied by client.

Q17: E300, detail 2 & 3 – Please provide specifications on vertical power bars, 15A or 20A? 125V/250V? Twist-lock?

A17: Vertical power bars to be 20A twist-lock and/or to be determine (TBD) by client.

Q18: E601, detail 5 – Cabling requirements for EV charging stations? Wireless communication?

A18: Provision for communications conduits. EV stations not in contract.

Q19: E601, detail 6 – MOTOA box requirements for workstations, 6 x CAT6A (Group 1 &2) terminate in a single 6-port box, or 2 separate 3-port boxes?

A19: Each group has its separate MOTOA box.

Q20: Specifications 27 10 05, Specifications note SC connectors, while drawings note LC connectors; please clarify the requirements for fiber connectors, SC or LC?

A20: LC connectors.

Q21: Is this an acceptable alternative to the requested Kawneer system: Alumicor's Trueline 900 Series w/ a 5" deep mullion or Alumicor's Shadowline 970 Series w/ a 6" deep mullion.

A21: The contractor has to provide us information (data sheets, product performance etc.) allowing the professional to review the proposed products and see if they meet the specification requirements. The information provided by Alumicor is not sufficient.

Q22: Is there a requirement to seal with sealant the conditions where Access Flooring tiles are cut for perimeter curb, RF shielded walls or stud-type partitions?

A22: There is no need to seal the perimeter of the rooms.

Q23: Are all the filters for the shielded room supplied by the contractor that installs the shielded room or does the electrical contractor have to supply them?

A23: Yes, however, RF Shielded Enclosure not part of this contract.

Q24: What is the location of soffit S2, I can't find this on the drawings?

A24: Delete Soffit Assembly S2

Q25: Access Floor Panel - Request for Alternate Product –

A25: The Concore 1250 and the Concore 1500 are acceptable alternatives for the raised floor.

Q26: Access Flooring Specification describe stringers as part of the materials to be used, however drawings do not show a stringer under structure system. The TecCrete 1250 system (1 1/8") does not require stringers to achieve specified performance ratings. Please confirm NO stringers are required for areas where the 1250 system is required.

A26: No stringers are required where system 1250 is used.

Q27: The TecCrete 1500 system (1 1/8" bare tiles) requires stringers to be used to achieve specified performance ratings. Please confirm stringers are acceptable ONLY in areas where the 1500 system is required.

A27: Stringers are required only in areas where the 1500 system is being used.

Q28: As stated in the Access Flooring specifications, pedestal based are to be bonded to the concrete slab by used of pedestal adhesives. However, it also states that power-activated fasteners are to be installed following curing of adhesive. May the fasteners be omitted IF the licensed Engineer in the province of Ontario agrees that fasteners are not required, and accompanies the stamped drawings with a letter?

A28: The fastener may be omitted only if a licensed Engineer in the province of Ontario agrees that fasteners are not required and provides a stamped drawings and letter to that effect.

Q29: Same question as above, however to omit the specified “Post-Installed anchors” found in the “Accessories” section of the Access Flooring specifications.

A29: The Post-Installed anchors may be omitted only if a licensed Engineer in the province of Ontario agrees that post-installed anchors are not required and provides a stamped drawings and letter to that effect.

Q30: Issued for Tender drawings show Access Flooring throughout the spaces, separated by stud-type partitions (noted as all walls to be slab-to-slab) however no detail is provide for the conditions below doors.

Please clarify and/or confirm if all doors will have a stud-type partition located below the door opening, matching the partition type the door is located in. This would be the ideal method of installing the Access Flooring, allowing for better acoustics between rooms. Each individual room would have its own independent Access Flooring.

A30: Correct, there will be a stud-type partition located below the door opening matching the partition type in which the door is located.

Q31: Is there a requirement to seal with sealant the conditions where Access Flooring tiles are cut for perimeter curb, RF shielded walls or stud-type partitions?

A31: There is no need to seal the perimeter of the rooms.

Q32: Please clarify if there are any under-floor HVAC requirements.

A32: Bid as per mechanical plans and specifications (there are no under-floor HVAC requirements).

Q33: 9.1 - Regarding the 300kVA mini-sub transformer on this project, the secondary breakers (150A and 300A) seem to be redundant as they are followed downstream by manually-operated switches (SW1 and SW2). My recommendation is to eliminate the switches highlighted below (from SLD E002), and replace them with the 150A and 300A breakers. In that case, the breakers in the secondary compartment of the transformer would no longer be required. The end-user would then be able to save significant cost on the transformer, without sacrificing the protection provided by the breakers, which can double as the switches upstream of ATS1. The reason behind the savings on the transformer is that Power Systems is the only manufacturer that installs breakers in the secondary compartment, and that comes at a huge price increase. Moving the breakers out of the transformer and closer to ATS1 would allow most transformer manufacturers to compete and provide a compliant product at a lower cost.

A33: In lieu of a secondary board in the electrical room as originally suggested, where there is lack of space, secondary board is included with the transformer.

Q34: Are the receptacles within furniture supplied / installed by furniture supplier?

A34: Anticipate furniture whip power connection requirements. TBD. (CIMA)

Q35: Please provide spec / make and model for “Floor Mount Access Module Pwr./Comm’s” note (4) on dwg. E200.

A35: Access Floor Modules ‘AFM’ Series from B&T; mainly for power and AV receptacles. Fiber/Data most likely through tile grommets.

Q36: Please provide raised floor supplier or specify make/model to supply correct floor Grommets.

A36: Raised Floor Supplier grommets: Haworth ‘FBA’ series (round) up to 125mm diameter as required. (CIMA)

Q37: Please clarify if the three feeders from the generator, that feed sw1/sw2 and EDP, are in a ductbank or trench? Note (2) on Dwg.E002 indicates ductbank however no detail has been given for these runs.

A37: Due to building concrete slab and bedrock condition on site, direct buried (trench) should be possible as per OESC section 12-012 (7), (8), as applicable. Of note, SW1 and SW2 mentioned here should read SW3 and SW4 for clarity. See Addenda A-02

Q38: Is the data cabling carried by the general contractor or the electrical contractor?

A38: Most likely will be sub-contracted by GC, which will provide cabling.

Q39: Please clarify what the allowance of \$770,000 includes? Does this include forming of concrete, finishing, placing etc? If only aggregate, will the aggregate be supplied to our concrete plant to add to the mixture or just to site?

A39: The allowance value that was calculated is the amount to be set aside for purchase and delivery of the aggregate to the ready mix concrete producer. The dried aggregate will be delivered in one tonne shrink wrapped super sacs to the ready mix site. The aggregate will be required to be kept dry until use (this was included in the structural specifications). For a cubic metre of concrete, 450kg of Type GU cement will be required, along with 3.7 litres of BASF Glenium 3030 superplasticiser. There is also a specification note that an extra 10 minutes of mixing time will need to be budgeted for at the ready mix supplier. NRC will be on site at the ready mix plant to ensure that the concrete is properly batched. NRC will also be on site at the building site to ensure that the concrete being delivered meets their standards.

Q40: Drawing E002 – Drawing Note 3 mentions the 100kW UPS battery c/w MBP and battery. Do we need to provide and install this, or just install it?

A40: Supply and Install. See Addenda A-02

Q41: In Addendum #6, you changed the drawings to say that RF Shielded room 125A and 125B are supplied and installed by owner. Are the other RF Shielded airlocks also by owner. All the walls are the same manufacturer and makes it more complicated to split up.

A41: Rooms 125A and 125B are by owner, the airlocks by contractor.

Q42: Some of the glass suppliers are apparently having trouble with the specs for the 19mm polycarbonate ballistic glass. The specs don't provide info on the ballistic level required and their suppliers need that to pick the right product.

A42: The spec should be for 19mm polycarbonate, no ballistic requirement (The window requirement is for force protection)

Q43: Can you please clarify the type of sprinkler system for the above noted project? The drawings call for Double Interlock Pre-Action, detail M401 calls for wet, specifications call for dry. Further clarification is required to bid this scope of the project.

A43: See Addenda A-02

Q44: E300 Data/Fiber Cabling Schedule - Please confirm quantities for Group 3 cabling, 6 x 24-strand OM4 fiber to each work station? Confirmed. Please Clarify

A44: The Group 3 cabling requirement is for all six fibres specified at each desk

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

END