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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
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Title - Sujet Reconst. Manège militaire Québec	
Solicitation No. - N° de l'invitation EE520-151410/B	Amendment No. - N° modif. 008
Client Reference No. - N° de référence du client EE520-151410	Date 2015-02-18
GETS Reference No. - N° de référence de SEAG PW-\$QCM-009-16291	
File No. - N° de dossier QCM-4-37219 (009)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-03-05	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Thellend, François	Buyer Id - Id de l'acheteur qcm009
Telephone No. - N° de téléphone (418) 649-2889 ()	FAX No. - N° de FAX (418) 648-2209
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

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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

AMENDMENT 008Content of amendment 008:

- Questions and answers #194 to #216.

1) QUESTIONS & ANSWERS**Question 194**

A question regarding the shelter and heating required for the masonry work. Are they provided by the general contractor or by the masonry contractor?

Answer 194

All shelters and heating needed for masonry work are the responsibility of the masonry contractor.

Question 195

A question regarding the scaffolding, are they provided by the general contractor or is each of the contractors responsible for their own for their respective works?

Answer 195

All scaffolds are the responsibility of each specialized contractors for their respective works.

Question 196

A question regarding civil engineering (excavation and furnishing)

- Which cross section of the periphery (exterior) drain that must be respected? The one found on page S-521 or on page S-801? This detail does not seem to coincide with the one found in the architectural plans.
- Moreover, will you be asking to waterproof the rock under the drain?
- Which detail must be respected for the drain under the slab?
- Where are the plans for the location of the anchorages for the building's foundation (amount and type)?
- Do the type 16 pillars need to be anchored to the bedrock (2-35M)?
- Do type 20 pillars on plan S-471 need to be anchored to the bedrock?
- How many buttresses need to be rebuilt and anchored to the bedrock in reference to page S-571 and S-572?

Answer 196

- S-521 only shows general principles, use S-801. Structure plans show clearly what is provided by structure and what is provided by architecture. Refer to the typical section for the drain, geomembrane and the backfill.
- No
- S-801, the tunnel backfill/drainage detail applies.
- On the different sections.
- See detail.
- Yes
- See architecture plans for the rebuilding of the buttresses

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Question 197

In order to evaluate the various concrete bases in accordance to the mechanical plans is it possible to identify all the bases on the table of page M-603? The table seems currently incomplete.

Answer 197

The mechanical table is not incomplete, this is a mechanical table of vibration and seismic controls for HVAC piping and equipment.

Question 198

Detail 3/M-361 and the detail of the inertia base on page S-901 are different. Which one must be used?

Answer 198

Detail 3/M-361 to consider

Question 199

Is it possible to indicate the elevation of the top of the foundation walls in the area of the container and bicycle shelter?

Answer 199

See the addenda

Question 200

On plan 1/S-642, a concrete level is indicated. What are the structural steel details?

Answer 200

See addenda.

Question 201

On plan 1/S-422, a concrete topping must be installed on the existing slab. What thickness must be provided?

Answer 201

The information is shown on plans. For additional information, see architecture plans

Question 202

On detail 9/S-555, it is indicated to refer to the architectural plans for a scale. However, in note 16, on plan A-112b, it is indicated to refer to the structural plans. Would it be possible to provide the details for the scales?

Answer 202

See addenda.

Question 203

Must temporary bracing for the exterior walls of the central building be planned for during the erection of the roof trusses? Are the masonry walls capable of taking the load during the assembly in order to not require bracing?

Answer 203

The structure erection methods are at the discretion of the contractor.

Question 204

On page S-813 and S-814, anchorages to the bedrock are planned. Could a section of the specifications regarding this work be provided?

Answer 204

Section 31 39 10 also applies to rock anchors. It has been issued in the previous addenda.

Question 205

Duplicate - question canceled.

Question 206

In reference to the specifications, section 05 50 00.01 "Steel fence", article 1.2.1.1.

It is indicated "the works of the present section consists of the building of the steel fence on the low wall A including the access doors and the balustrade on low wall D"

- a) Should the railing be included in this section? If so, where are the details of this railing located?
- b) Why is there no mention of the type B fence on a concrete base?

Answer 206

- a) The railing will be removed from the description. The railing is by metal fabrication, section 05 50 00. See Addenda to come:
- b) The description of this work will be integrated in the description of Section 05 50 00.01. See Addenda to come:

Question 207

Is there a cross section of the elevators in the plans? If so, please indicate where.

Answer 207

Refer to drawings A-615 and A-616 issued by addendum.

Question 208

In reference to a page in plan A-016, north elevation, (1/A-010), cross section 15/A-30. Cross section number 15 is not found on page A-301. Please indicate where it can be found.

Answer 208

Wrong reference. The reference is removed.

Question 209

In reference to the page in plane A-017, elevation 1/A-010 (east wall, master-quarters), cross section 1/A-401, there seems to be a cross section that does not coincide with the elevation. Please confirm are correct if need be.

Answer 209

On sheet A-017, elevation 1/A-010, section 1/A-401 must be read 1/A-408.

Question 210

Are the bladed slatted floor in stainless steel provided by the section 08 44 13 (Steel frame windowed curtain walls) since it is mentioned on page 8 in this section (article 2.2.12)? These products are usually provided by the structural contractor. Please confirm who has the responsibility of providing and installing this item.

Answer 210

Bladed slatted floor in stainless steel must be provided by section 08 44 13, in accordance with structural drawings. Sealed and signed shop drawings by an engineer are required, as specified in article 1.4.3 of section 08 44 13 that also includes curtain walls and copper lamels.

Question 211

Electrical Question:

- a) The panels W-R-L3N1, W-R-L2H1, W-S-L2H1 and W-R-L2H1 are not described in the plans. Please provide a description.
- b) There is no circuit breaker in Panel C-S-B3N1 to power Panel E-S-L3N1. Please confirm.
- c) There is no circuit breaker in Panel W-R-B3N1 to power Panel W-R-L6N1. Please confirm.
- d) Must the proposal for the sections of the specifications identified with PH be sent directly to the general contractor?

Answer 211

- a) Refer to answer to question No. 90 and to addendums.
- b) Refer to addendum No. 2.
- c) In drawing E-504, the title of panelboard W-R-L3N1 should be corrected to W-R-L6N1. Refer to upcoming addendum.
- d) Physical security (identified by PH) is independent of electrical trade identified by E.

Question 212

For the stone cladding of the multi-purpose room:

- a) What direction of the stone veins is desired?
- b) Is a layered finish of the non-apparent faces for mortar's adhesion acceptable?

Answer 212

- a) All of the sedimentation beds within the new stones must be horizontal and without major clay veins as stated in the specifications.
- b) No, the finish of the non-visible faces must be bush hammered

Question 213

Plan A-006, detail 1, demonstrates a granular cladding of type 1 and 2 in the stair area. Is this correct? Similarly, where the granular cladding type 1 is required cannot be found in the plans. Could the location where the granular cladding type 1 is required by provided?

Answer 213

Type 1 coating is under stairs, and under deck, flat level, when the space between the deck and the ground is low. The granular coating type 2 is located under the bridge when the ground is sloping. A dotted line shown on the plan separates its materials.

Question 214

Page M-000 (Cover page) is missing. Please confirm if this plan should be available.

Answer 214

Cover page has not been issued. It only shows an image of the Armory, Project title and project number.

Question 215

Question regarding division 26:

- a) For the measuring elements: The specifications require the model PM850 in section 26 09 23.01 but in section 26 24 13 it states a system approved by the Weights and Measures Act (Canada). A software cannot be approved by Weights and Measures Act (Canada) due to the fact that we cannot seal a software. Moreover, the measurements of the 800 series and the micrologic triggering units of the circuit breaker are not approved by Weights and Measures Act (Canada).The ION model should be used on the derivations and would be more expensive. Will the tenant be billed using this measure? If it is not the case, this is not required. Please confirm that we must place a bid using the PM850.
- b) There seems to be significant differences between the specifications and the single line diagram and the panel plan.
 - Certain panels have rods that have a more elevated current on the single line diagram than on the panel plan.
 - Certain panels have rupture capacities that are more elevated on the single line diagram than on the panel plan.
 - Certain panels do not have the same circuit breaker on the single line diagram as on the panel plan.

- The specifications require malt insulated rods on all the panels but on the panel plans only certain panels have them.

Please confirm if the data in the panel plans (E600 to E605) must be used for the bid.

- Should the TVSS be integrated in the panel or external?
- Is the protection series acceptable?

Answer 215

- Provide a measuring instrument PM850 or equivalent, as specified.
- Where panel boards are shown in the single line diagram and in the schedules plans, fabrication is to be done in accordance with the schedules shown on drawings E-600 to E-605.
- TVSS are external in a dedicated enclosure. Refer to item 2.2.1 of specification section 26 43 13.
- No.

Question 216

Questions regarding fabricated metals:

- On plan A-439d, service areas, it is indicated that for the beam, we need to refer to structural. However, it is not found in structural. Please specify what must be provided by the fabricated metals contractor on this page.
- For numerous ladders it is indicated to refer to structural. However, structural refers to architectural. In the specifications section 05 51 29, it is indicated to fabricate the ladders in accordance with the details in the plans. Could you indicate which ladders need to be provided and provide details on the material to be used?
- There are numerous places in the plans where a ramp is indicated and a line that probably represents a handrail is shown. However, no information in a rhombus that indicates that this is a handrail and of what it must be made of (steel or stainless)? Here are the problematic locations:
 - Ramp page A-110b at axis B and turns on axis 8.1
 - Ramp page A-110b at axis F and turns on axis 8.1
 - Ramp page A-110b close to axis E
 - Ramp page A-111c at axis 31
 - Ramp page A-112c at axis F.9
- In the specifications, section 05 51 29, article 2.5, a list of the staircases can be found. Staircase #17 can be found in the table but is not present in any of the plans. Please confirm where this staircase should be located and its characteristics.
- On a plan page A-426, on the porch of the H axis, on detail 1, it is indicated 5-019 (HSS coated with intumescent paint) and on detail 3, it is indicated 5-047 (HSS in stainless steel). Is this the responsibility of the fabricated metals or is this covered in another division? There is no description of this article in article 1.2 of section 05 50 00 of the specifications.
- For the metal panels and screens deployed in the multi-purpose room, it is indicated "studded" and "painted studded". Is it the painter who will paint these items or is it under the responsibility of the fabricated metals contractor? If it is under the responsibility of the fabricated metals contractor, please indicated the products and procedure to be used.

Answer 216

- Refer to addendum S02, and to upcoming addendum for more precisions.
- Details to come by addendum
- Details to come by addendum
- See addendum A03: stair 17 is in room S100-08, more details to come by addendum.
- The specifications for the intumescent coatings are in section 078100.

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- f) Expanded metal is matt black enameled steel by the supplier. See Section 09 91 23 for the site paintwork. The moldings should be shop pre-painted enameled steel. Paint systems are defined in Section 09 91 23.

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