

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

Regional Manager/Real Property
Contracting/PWGSC
Ontario Region, Tendering Office
12th Floor, 4900 Yonge Street
Toronto, Ontario
M2N 6A6
Ontario

**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

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Regional Manager/Real Property Contracting/PWGSC
Ontario Region, Tendering Office
12th Floor, 4900 Yonge Street
Toronto, Ontario
M2N 6A6
Ontario

Title - Sujet Scarborough, ON - Laboratory expans	
Solicitation No. - N° de l'invitation EQ754-151789/A	Amendment No. - N° modif. 013
Client Reference No. - N° de référence du client R.061999.001	Date 2015-02-06
GETS Reference No. - N° de référence de SEAG	
File No. - N° de dossier PWL-4-37129 (039)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-02-12	
Time Zone Fuseau horaire Eastern Standard Time EST	
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: Hassell, Bob	Buyer Id - Id de l'acheteur pw1039
Telephone No. - N° de téléphone (416) 590-8270 ()	FAX No. - N° de FAX (416) 512-5862
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: CFIA Midland Ave Scarborough, ON X1X 1X1	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
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

QUESTIONS AND ANSWERS

Question 18.1

We need the existing MAIN Switchboard information as new Breakers will be required for installation. (Nameplate/Breakers existing/KA Ratings etc etc. these are needed to provide to my suppliers for pricing)

Answer:

Main Switchboard is FPE (Federal Pioneer) 3000A 600V 3PH 60Hz.

Majority of existing devices in this board are fused switches. Two new 200A fused switches should be provided for the UPS system. Addendum to be issued for 200A fused switches.

Question 18.2

Location of Security System as new conduit is required back to that location.

Answer:

Our scope includes for empty conduits to be terminated in the Service Core at Level 3. The Security System is by Underwriters Security Controls Incorporated.

Contact Paul Georges, phone no.: 416 410 7733.

Question 18.3

Base Building Fire Alarm manufacturer/contractor?

Answer: The existing fire alarm system equipment is Siemens. The system is maintained by Alarmstat. Contact Gary Stroud, phone no.: 905 886 0882

Question 19.1

"For the above mentioned tender, a question from our electrician can you please advise who the existing f/a and switchboard manufactures are? "

Answer: If by f/a fire alarm system is meant, the existing fire alarm system equipment is Siemens. The system is maintained by Alarmstat. Contact Gary Stroud, phone no.: 905 886 0882

Answer: Main Switchboard is FPE (Federal Pioneer) 3000A 600V 3PH 60Hz.

Majority of existing devices in this board are fused switches. Two new 200A fused switches should be provided for the UPS system. Addendum to be issued for 200A fused switches.

Question 19.2

By the way, what is "f/a" ?

Answer: Not sure what the question is. Where is "f/a" indicated?

Question 19.

" detail 3 on drawing E-4.01. Detail 3 shows a sealed lab receptacle, but it is not clearly shown on drawing E-3.01 which receptacles are to be the "sealed lab" type, or what areas are to be to that requirement?

Answer:

The detail 3 on drawing E-4.01 applies to all new wall mounted receptacles not in a surface raceway.

Question 20.

Could you please provide the existing manufacturer for fire alarm and existing switch board?

Answer:

Refer to Answers to Questions 18.3 and 19.1.

Question 21.

On drawing E-4.01, detail 3, it shows a sealed lab receptacle. But it is not clearly shown on drawing E-3.01. So please advise which receptacles are to be the "sealed lab" type or what areas are to be to that requirement.

Answer:

The detail 3 on drawing E-4.01 applies to all new wall mounted receptacles not in a surface raceway.

Question 22.

provide the cable manufacture and more detailed information such as gage etc.

Answer:

Data cable provided by Shared Services Canada (SSC).

Question 23.

Can you please provide more detail about the Re-Heat Coils on the HVAC drawings. Which RHC are existing and which ones would have to be purchased?

Answer:

There are 10 new reheat coils that need to be purchased. There are 14 existing reheat coils, these are identified with an "ex." In front of the reheat coil tag in the schedule.

Question 24.

On the plumbing drawings which New Sinks are SS-1 (double sinks) and which are the S-1 (Lab Sinks)?

Answer: SS-1 deleted and S-1 noted on drawings – Refer to Architectural and Mechanical Addenda issued.

Question 25.

For the seamless wall & ceiling coatings for laboratories (Section 09 96 00), it does not specify a particular manufacturer or product for the epoxy. It refers to a website for a list. Can you clarify which manufacturer and product we are to use?

Answer:

This is a standard Clause in the in the PWGSC masters for CFIA projects. Bidders should refer to the link provided for acceptable products.

Question 26.

Voice and data would be the same cable, but please verify that. As the drawing show Data as one entity, and you have the combination of two to the same spot, that being voice/data in on cable.

Answer:

The drawings show separate data outlets and separate phone outlets, each with a separate conduit with pull cord. The supply and installation of all new cabling is by SSC. (indicated in Electrical spec).Electrical Specification only calls for the removal of redundant cabling.

Question 27.

What material is used for the Reverse Osmosis Water piping?

Answer:

Typically schedule 80 PVC piping and fittings are used for reverse osmosis water. A second option is to use 90/10 Cu/Ni piping with bronze fittings. A third option is to use 316 stainless steel piping and fittings.

Question 28.

Aside from the Domestic Cold Water and Vacuum what other pipes connect to the Fume Hood?

Answer:

Pipes connected to the fume hood include: Domestic Cold Water, Vacuum, Compressed Air and Gas.

Question 29.

Section 11 53 13, article 1.3 and 1.4, These fume hoods and autoclaves are provided by the owner, does the owner or the manufacturer carry the cost in their bid for the Nationally Certified Testing to NFC 2010 requirements?

Answer:

The manufacturer to carry the cost for this testing in their bid.

Question 30.

Section 12 35 53, article 1.3.2.6, Filler panels are fixed. These are typically very small anyways. Our cabinet backs are removable for access to service space. Is this an acceptable option?

Answer:

Specification Section Article 1.3.2.6 states 'Casework to include removable filler panels'. Cabinet backs that are removable are acceptable – refer to Specification Section Article 2.15.4. Refer to Reissued Section 12 35 53. Addendum issued.

Question 31.

Section 12 35 53, article 1.4.3, Professional Engineers Stamp: mottLAB will not be issuing shop drawings with an engineer's stamp. The lab casework is not structural and does not require an engineers stamp. We do have a licensed engineer on staff at the manufacturing plant who reviews all manufacturing drawings and processes. Mott is a SEFA (Scientific Equipment and

Furniture Association) member and all of our product meets or exceeds the SEFA standards.

Can you clarify why a stamp would be required?

Answer:

Article 1.4.3.1 is deleted. Refer to Reissued Section 12 35 53. Addendum issued.

Question 32.

Section 12 35 53, article 1.5.2, See above.

Answer:

Article 1.5.2 is deleted. Refer to Reissued Section 12 35 53. Addendum issued.

Question 33.

Section 12 35 53, article 2.3 Materials: There is no mention of furniture grade cold rolled steel. Cold rolled painted steel is the standard for SEFA lab casework. Galvanized steel and stainless steel are typically only used for special casework. Can you clarify what is to be used?

Answer:

Article 2.3.2 for Cold rolled steel added to 2.3.Materials. Refer to Reissued Section 12 35 53. Addendum issued.

Question 34.

Section 12 35 53 , 2.6.1: Salvaged fittings: Are we re-installing the salvaged fittings? How do we know how many and where to provide new fittings vs old fittings? Should the bids should not include the supply of any new fittings and any required new be added through change orders after someone bidding section 02 41 23 has determined how many of which type are being reused. On a side note, the fittings shown on the photographs with the grey coating are discontinued from that manufacturer. So either the new fittings can be a chrome finish that match the style from that company or it will be a new style with a grey coating from another manufacturer.

Answer:

Chrome and grey fittings refer to Reissued Section 12 35 53 Article 2.6.8. New and old fittings refer to Schedule: List of Spigots A-604 added to Section 00 01 20. Addendum issued.

Question 35.

Section 12 35 53, article 2.6.8 Grey vinyl corrosion resistant coating is specified, so all new fittings are to be that finish?

Answer:

Chrome and grey fittings refer to Reissued Section 12 35 53 Article 2.6.8. Addendum Issued

Question 36.

Section 12 35 53, article 2.7.1 Salvaged sinks: How do we know how many what size and material these salvaged sinks are? Once we know this, then we can determine how many, sizes and materials the new sinks are.

Answer:

Refer to 2.7 Laboratory Sinks in Reissued Section 12 35 53. Addendum issued.

Question 37.

Section 12 35 53, article 2.11 Modular Support Structure: After reviewing drawings A-5.01 through A-5.03 and A-6.01, it is not clearly drawn, so we need to ask if this support structure applies to this project? If so where? Do we need to install this system on the “new casework”, “existing casework relocated” and/or “existing casework to remain” areas? Aside from the mobile tables, are there any suspended cabinets hanging from a cantilever/leg system to support the countertop?

Answer:

Article 2.11 Modular Support Structure is deleted. Refer to Reissued Section 12 35 53.

Addendum issued.

Question 38.

Section 12 35 53, article 2.12. Same as above. Are there areas we need to support the table to the core structure? If so, where?

Answer:

Article 2.12 Structural Table Base revised. Refer to Reissued Section 12 35 53. Addendum issued.

Question 39.

Section 12 35 53, article 2.13. Same as above. Does this apply. If so, where?

Answer:

Article 2.13 is for floor mounted posts supporting shelves.

Question 40.

Section 12 35 53, article 2.19. No dust caps were shown please clarify if any are to be provided.

Answer:

Article 2.20 Dust Cover Tops is deleted. Refer to Reissued Section 12 35 53. Addendum issued.

Question 41.

Detail 3/A5.01, north wall: In the knee space is a small rectangle. Is that a keyboard tray? If so, whose section is that in? If it's the steel laboratory caseworks section, please provide a preferred model or manufacturer. They have a wide range of prices. We recommend one with an articulating arm. Like this. <Click Here>

Answer:

There are 2 keyboards with articulating arms and other requirements. Refer to Addendum issued.

Question 42.

Detail 5/A5.01, south wall: There is no reference in section 11 53 13 about relocated snorkels. Are these installed by lab furniture section? Detail 10/A-6.01 does show it amongst our details. Because it's tied in directly to HVAC, and not on the lab benches, we recommend it be by Mechanical Contractor to limit confusion.

Solicitation No. - N° de l'invitation
EQ754-151789/A
Client Ref. No. - N° de réf. du client
R.061999.001

Amd. No. - N° de la modif.
013
File No. - N° du dossier
PWL-4-37129

Buyer ID - Id de l'acheteur
pwl039
CCC No./N° CCC - FMS No./N° VME

Answer:

For description refer to revised articles in Section 01 11 00. Refer to Addendum issued. Refer to Mechanical Addendum.

Question 43.

Detail 2/A5.02, north wall, The canopies are by mechanical? If not, and are by us, are they painted steel, T304 stainless steel or T316 stainless steel? Please provide dimensions if they are required.

Answer:

Refer to Mechanical Addendum.

Question 44.

Detail 5/A5.03, east wall, please provide details of the existing "scullery sink" if we are to match it? Is it by our section or mechanical?

Answer:

Refer to 12 35 53 for sinks and 22 42 03 for Faucets. Addendum issued.

Question 45.

Detail 5/A5.03, west wall, There is one unique wall cabinet, can it be detailed?

Answer:

Clarification: Dashed lines of cabinet indicate original position of the relocated cabinet. Light grey shading in relocated cabinet to be revised to dark grey shading. Addendum issued.

Question 46.

Details 6/A6.01, Wall mounted raceway. The detail seems to suggest we are to provide new raceway, can you please clarify? Or are we just provide the new covers as drawing A-3.05, general note 11 (1) would suggest? The post mounted raceways appear to be replaced in their entirety including receptacles and jacks and wiring. Typically raceway and covers are provided by casework suppliers and fixtures are by mechanical.

Answer:

Refer to Electrical Drawings for raceway information.

Question 47.

Drawing A-601. The "List of New Casework" table. Please clarify the following:

- Detail 3/A5.01, elev 1 and detail 4/A5.01, elev 2. The table is missing the F1 knee spaces. How are the knee space supported? Gable? Cleated to the wall? Table does not shows the 978mm wide cabinet.

Answer:

For knee space description refer to General Notes, Note #10 on drawings A-3.05 and 3.06. Cabinet on Detail 1/A5.01 Elev. shown as 978mm wide is to be revised to 915mm wide with a filler panel to the right. Cabinet and filler panel is to be included in scope of work.

- Detail 4/A5.01, elev 2. The table picked up 4x cabinets. We count 5x cabinets. Which is correct?

Answer:

4x cabinets is correct. A1 is one cabinet with two swing doors.

- Detail 4/A5.01, elev 5. The table shows, 4x J1 and 2x J1.1's So 6x units in total. The drawing only shows 2x J1's and 1x J1.1. Which is correct?

Answer:

The table is correct. No elevation is shown for the second set of these tables which is just south of the first set, between gridlines D, E and F. There are a total of 4 tables without suspended cabinets and 2 tables with suspended cabinets.

- Detail 7/A5.01, elev 3, The E1 knee space does not have a support, are we to include one? Gable, legs? What are the 16aamm wide mobile carts? These are not on the A-601 table.

Answer:

E1 is a filler panel, not a knee space. The 2 tables are existing tables which are being reused. Addendum issued.

- The table does not refer to fillers and trim pieces that would be required to finish the elevations. Are these to be included?

Answer:

Yes. Note added to A-601 Schedule 'Fillers and trim pieces that are not listed are to be included as necessary to complete installation of casework'. Refer to Addendum issued.

Question 48.

Who is the base building fire alarm contractor?

Answer:

Refer to Questions and Answers 18.3 and 19.1.

Question 49.

Are there any photos of the existing Switchboard and Emergency Switchboard? Please provide the nameplate, breaker type, KA rating, manufacturer.

Answer:

Refer to Question and Answer 18.1.

Question 50.

Please clarify the WIREMOLD installation. The drawings show a detail for the DUPLEX Receptacle drops to be in RIGID Steel with specific box and cover, BUT wiremold does not specify this has to be done all on raceways.

Answer: Refer to Question and Answer 21.

