



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

**Bid Receiving
PWGSC
33 City Centre Drive
Suite 480C
Mississauga
Ontario
L5B 2N5
Bid Fax: (905) 615-2095**

**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
Public Works and Government Services Canada
Ontario Region
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5

Title - Sujet Audio Video for GTA Consolidation	
Solicitation No. - N° de l'invitation EQ754-181239/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client EQ754-181239	Date 2018-02-14
GETS Reference No. - N° de référence de SEAG PW-\$TOR-215-7464	
File No. - N° de dossier TOR-7-40131 (215)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-02-22	
Time Zone Fuseau horaire Eastern Standard Time EST	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Lopez, Maria	Buyer Id - Id de l'acheteur tor215
Telephone No. - N° de téléphone (905) 615-2071 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

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

Solicitation Amendment 004 is raised to include Insurance terms, revise Annex B, Basis of Payment and provide responses to questions from potential bidders.

INSERT:

6.12 Insurance

G1001C Insurance – Specific Requirements (2013-11-06) G1001C

The Contractor must maintain the required insurance coverage for the duration of the Contract. Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract.

The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

The Contractor must forward to the Contracting Authority within ten (10) days after the date of award of the Contract, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force. For Canadian-based Contractors, coverage must be placed with an Insurer licensed to carry out business in Canada, however, for Foreign-based Contractors, coverage must be placed with an Insurer with an A.M. Best Rating no less than "A-". The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.

G2001C Commercial General Liability Insurance

1. The Contractor must obtain Commercial General Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$2,000,000 per accident or occurrence and in the annual aggregate.
2. The Commercial General Liability policy must include the following:
 - a. Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada should read as follows: Canada, as represented by Public Works and Government Services Canada.
 - b. Bodily Injury and Property Damage to third parties arising out of the operations of the Contractor.
 - c. Products and Completed Operations: Coverage for bodily injury or property damage arising out of goods or products manufactured, sold, handled, or distributed by the Contractor and/or arising out of operations that have been completed by the Contractor.
 - d. Personal Injury: While not limited to, the coverage must include Violation of Privacy, Libel and Slander, False Arrest, Detention or Imprisonment and Defamation of Character.
 - e. Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply

-
- f. to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.
 - f. Blanket Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.
 - g. Employees and, if applicable, Volunteers must be included as Additional Insured.
 - h. Employers' Liability (or confirmation that all employees are covered by Worker's compensation (WSIB) or similar program)
 - i. Broad Form Property Damage including Completed Operations: Expands the Property Damage coverage to include certain losses that would otherwise be excluded by the standard care, custody or control exclusion found in a standard policy.
 - j. Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of policy cancellation.
 - k. If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.
 - l. Owners' or Contractors' Protective Liability: Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.
 - m. Non-Owned Automobile Liability - Coverage for suits against the Contractor resulting from the use of hired or non-owned vehicles.
 - r. Litigation Rights: Pursuant to subsection 5(d) of the [Department of Justice Act](#), S.C. 1993, c. J-2, s.1, if a suit is instituted for or against Canada which the Insurer would, but for this clause, have the right to pursue or defend on behalf of Canada as an Additional Named Insured under the insurance policy, the Insurer must promptly contact the Attorney General of Canada to agree on the legal strategies by sending a letter, by registered mail or by courier, with an acknowledgement of receipt.

For the province of Quebec, send to:

*Director Business Law Directorate,
Quebec Regional Office (Ottawa),
Department of Justice,
284 Wellington Street, Room SAT-6042,
Ottawa, Ontario, K1A 0H8*

For other provinces and territories, send to:

*Senior General Counsel,
Civil Litigation Section,
Department of Justice
234 Wellington Street, East Tower
Ottawa, Ontario K1A 0H8*

A copy of the letter must be sent to the Contracting Authority. Canada reserves the right to co-defend any action brought against Canada. All expenses incurred by Canada to co-defend

such actions will be at Canada's expense. If Canada decides to co-defend any action brought against it, and Canada does not agree to a proposed settlement agreed to by the Contractor's insurer and the plaintiff(s) that would result in the settlement or dismissal of the action against Canada, then Canada will be responsible to the Contractor's insurer for any difference between the proposed settlement amount and the amount finally awarded or paid to the plaintiffs (inclusive of costs and interest) on behalf of Canada.

G2020C Automobile Liability Insurance

1. The Contractor must obtain Automobile Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$2,000,000 per accident or occurrence.
2. The policy must include the following:
 - a. Third Party Liability - \$2,000,000 Minimum Limit per Accident or Occurrence
 - b. Accident Benefits - all jurisdictional statutes
 - c. Uninsured Motorist Protection
 - d. Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of cancellation.

G3001C All Risk Property Insurance

The Contractor must obtain All Risks Property insurance while the Government Property is under its care, custody or control, and maintain it in force throughout the duration of the Contract, in an amount of not less than \$_____(contract amount) . The Government's Property must be insured on "*Replacement Cost (new)*" basis.

1. Administration of Claims: The Contractor must notify Canada promptly about any losses or damages to Government Property and monitor, investigate and document losses of or damage to ensure that claims are properly made and paid.
2. The All Risks Property insurance policy must include the following:
 - a. Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority at least thirty (30) days written notice of policy cancellation.
 - b. Loss Payee: Canada as its interest may appear or as it may direct.
 - c. Waiver of Subrogation Rights: Contractor's Insurer to waive all rights of subrogation against Canada as represented by Public Works and Government Services Canada for any and all loss of or damage to the property however caused.

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EQ754-181239/A
Client Ref. No. - N° de réf. du client
EQ754-181239

Amd No. - N° de la modif.
004
File No. - N° du dossier
TOR-7-40131

Buyer ID - Id de l'acheteur
tor215
CCC No./N° CCC - FMS No./N° VME

At Annex B, Basis of Payment

DELETE: In its entirety

INSERT:

Provide a separate itemized cost in Canadian Dollars, as per the Audio-Visual rooms detailed in Annex A - Statement of Work in the chart below:

ROOM 10N17	UNIT PRICE
MAIN AV ROOM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 11N03	UNIT PRICE
SMALL MEETING ROOM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____

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ROOM 11N06	UNIT PRICE
MEDIUM MEETING ROOM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 11N13/14	UNIT PRICE
LARGE MEETING ROOM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 11N18	UNIT PRICE
CLOSED COLLAB.	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____

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ROOM 11N20	UNIT PRICE
CLOSED COLLAB.	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 11S41	UNIT PRICE
SMALL MEETING ROOM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 11S42	UNIT PRICE
SMALL MEETING ROOM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____

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ROOM 11S46	UNIT PRICE
MEDIUM MEETING ROOM	Equipment \$ Material \$ Installation \$ Programming \$ Commissioning \$ Training \$ TOTAL \$_____
ROOM 11S56	UNIT PRICE
SMALL MEETING ROOM	Equipment \$ Material \$ Installation \$ Programming \$ Commissioning \$ Training \$ TOTAL \$_____
ROOM 10N07	UNIT PRICE
CLOSED COLLAB.	Equipment \$ Material \$ Installation \$ Programming \$ Commissioning \$ Training \$ TOTAL \$_____

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ROOM 10N13	UNIT PRICE
CLOSED COLLAB.	<div>Equipment \$</div> <div>Material \$</div> <div>Installation \$</div> <div>Programming \$</div> <div>Commissioning \$</div> <div>Training \$</div> <div>TOTAL \$ _____</div>
ROOM 10N16	UNIT PRICE
MED. MEETING ROOM	<div>Equipment \$</div> <div>Material \$</div> <div>Installation \$</div> <div>Programming \$</div> <div>Commissioning \$</div> <div>Training \$</div> <div>TOTAL \$ _____</div>
ROOM 10N20	UNIT PRICE
SMALL MEETING ROOM	<div>Equipment \$</div> <div>Material \$</div> <div>Installation \$</div> <div>Programming \$</div> <div>Commissioning \$</div> <div>Training \$</div> <div>TOTAL \$ _____</div>

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ROOM 10N24	UNIT PRICE
SMALL MEETING ROOM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 10N25	UNIT PRICE
BTV / CONFERENCE	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 10N30	UNIT PRICE
CLOSED COLLAB.	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____

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ROOM 10S54/10S55	UNIT PRICE
MED. MEETING ROOM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 10S57	UNIT PRICE
COMPUTER TRAINING	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 10S61	UNIT PRICE
LARGE MEETING ROOM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____

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ROOM 10S63	UNIT PRICE
SMALL MEETING ROOM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 10S64	UNIT PRICE
SMALL MEETING ROOM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 10SN70	UNIT PRICE
CLOSED COLLAB.	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____

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ROOM 10S71	UNIT PRICE
CLOSED COLLAB.	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 10S76	UNIT PRICE
CLOSED COLLAB.	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 12S44	UNIT PRICE
MED. MEETING ROOM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____

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ROOM 12S45	UNIT PRICE
MED. MEETING ROOM	Equipment \$ Material \$ Installation \$ Programming \$ Commissioning \$ Training \$ TOTAL \$ _____
ROOM 12S53	UNIT PRICE
SMALL MEETING ROOM	Equipment \$ Material \$ Installation \$ Programming \$ Commissioning \$ Training \$ TOTAL \$ _____
ROOM 12S54	UNIT PRICE
SMALL MEETING ROOM	Equipment \$ Material \$ Installation \$ Programming \$ Commissioning \$ Training \$ TOTAL \$ _____

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ROOM 12S62	UNIT PRICE
CLOSED COLLAB.	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____
ROOM 10S50	UNIT PRICE
ATRIUM	Equipment \$
	Material \$
	Installation \$
	Programming \$
	Commissioning \$
	Training \$
	TOTAL \$ _____

TOTAL EVALUATED PRICE - Aggregate of each room total in the table above

\$ _____

Questions from interested suppliers:

Site and Structural

1. Are we to assume that there is T-Bar ceiling thru-out the entire space? Ceilings are all T-Bar with the exception of the Atrium space. Please refer to the project architectural drawings for more details. Project drawings can be found [here](#) or contact the contracting officer to obtain the link.
2. Documentation says only 10th Floor (10S50), but drawings show 11th & 12th Floors as well (for ceiling speakers). Which one is right? The atrium is an open space from 10th to the 12th floor. Please refer to the project architectural drawings for more details. Project drawings can be found [here](#) or contact the contracting officer to obtain the link.
3. Can you confirm the lengths for the copper cable runs from the Equipment room to the furthest rooms including the rise from the 10th Floor to the 12th floor are within the 330ft maximum? The audio visual contractor should plan to connect the meeting rooms located on the 11th and 12th Floors via fiber as the maximum distance could exceed 90m. Audio visual contractor is to provide a site verification of the distance and grant credit if copper cabling can be used instead.
4. Is there a service elevator in the building? Yes
5. Are their drawings available for the following: i. floor that is under construction, control room, Atrium? Project drawings can be found [here](#) or contact the contracting officer to obtain the link.
6. Are the ceilings going to be 100% T-bar ceilings or partially drywall? If so, how much and where? Please refer to 1.
7. Has there been any consideration for how far the Copper wiring has to run? What is the total length? (Both vertical and horizontal length). Are we exceeding a 90m copper limit with this total length? Please refer to 3
8. Does any anchorage for the AV equipment have to be supplied and installed by the supplier? All required hardware for the installation of the audio visual system is to be supplied by the audio visual contractor.
9. Are there any plans to enhance the acoustics of the atrium? No. Please refer to the project architectural drawings for more details. Project drawings can be found [here](#) or contact the contracting officer to obtain the link.
10. Where is the video wall? Please indicate on the plans. The video is In the atrium. Please see Audio Visual Drawing package for details.
11. Will it be the supplier's responsibility to remove all of the projectors? No
12. Can the roofers (window flaps) outside of the atrium windows be controlled? No
13. Will all of the displays (i.e. TVs) in the atrium stay up? No
14. Kindly provide room and furniture dimensions to size displays as required. Please refer to the project architectural drawings and the audio visual drawing package for details.
15. Is Connectrac being provided by electrical contractor for all meeting rooms? Yes

16. Which rooms are equipped with video conferencing? USB extenders required to cable cubby. Please refer to audio visual drawing package, all rooms equipped with PTZ cameras are required to have video conferencing functionality.
17. Will the suppliers have access to the cable trays on all three floors? Yes
18. From floor 10 to floor 12, how many conduits are there and what size are they? There are three 2" conduits dedicated for the audio visual system.
19. What are the loading dock hours? The loading dock hours and procedure are outlined in the building procedure document that was provided during the site visit. All deliveries must be coordinated with the General Contractor.

Technical and Product Specifications

1. Will the client provide the make, model and quantity of cameras/displays/mics in the Willowdale Room that will be reused? 4 LG Displays and 4 Panasonic Cameras from the Willowdale Room to be re-used. The specifications have been attached.
2. Room 10S61: Is the labour quote to reflect disassembly of Willowdale room equipment? Audio Visual contractor is responsible for removal, testing and storage of audio visual equipment to be re-used. The testing should take place before the equipment is removed and in the presence of a member of the project team to ensure that there are no issue during the re-installation.
3. Room 10S61: Is the new design to have individual feeds to all 4 monitors from Matrix? Yes, all monitors in this design require a dedicated output from the shared AV Matrix.
4. Is there an existing codec in the Willowdale Room (as there are already 4 cameras)? There is but it is not to be re-used in the new system.
5. The term "codec farm" was mentioned at the on-site meeting, can you confirm that this is the setup required as there is no mention in the official documentation? The Audio Visual drawing package details the codecs being connected to the shared AV Matrix. The control system shall be programmed to allow the use of any codec in any room connected to the Main AV room.
6. Written specification states all signals to be scaled to HDMI/1080p before monitor, but drawings of the rooms shows no scaler. Please confirm which is correct? The drawing package specifies an HDBaseT receiver, the audio visual specification further specifies this receiver to be a scaling type. Installation must be as per drawings and audio visual specification.
7. Where wireless touchpanels are being specified, due to the inconsistency, battery issues, charging issues and other various draw backs, will other panel types be accepted? Audio visual equipment must be supplied and installed in accordance with audio visual drawing package and specification.
8. Please clarify the statement of HD-BaseT. This is in the specification that states each display must have a scaler on its input to regulate the signal to aspect ratio and maintain a constant 1080p signal to the display(s). Each display must have its own cable/signal from the matrix. The reason for the clarification is that the specification states that all displays must have an HDBT input. Is the HD-Base T input required or is the scaler required, as one negates the other? Audio visual equipment to be supplied and installed in accordance with the audio visual drawing package and specification. HDBaseT refers to the transport of

the video/audio signal. Scaling refers to altering of the video signal. Each required input is to have a dedicated HDBaseT input at the matrix switcher, all signals to be scaled to a common resolution (1080P) and to be transmitted to the monitors using a HDBaseT signal.

9. As per section 6.5.6-The controller must be equipped with a built-in screen to display status to confirm that the Audio-Visual systems are functioning and the selected meeting room features have been selected. Most control system processors do not have a single display screen displaying this content to this detail. It is possible to have a display associated with an AV matrix that displays this info. Is an external screen above or separate from the matrix acceptable for this? If an alternate controller is included in submission but is non-compliant with requirement of a built-in display screen, an external display screen will be accepted to make the alternate compliant. The screen must be capable of displaying the status of the entire audio visual system, not just the AV matrix. If the external screen is programmable the overall layout and design shall be reviewed before deployment. Programming related to this screen shall also be covered under the same programming requirements as the other screens and touch panels as specified.
10. Is the Teleconference POTS or VoIP? Teleconference system will be POTS.
11. As per the discussions and stated at the site visit, will you confirm that there are no preferences to control systems or audio/video equipment manufacturers? The audio visual specification includes equipment specifications, approved alternates will be accepted however they must meet the original equipment specification, design intent and overall system operation. If accessories, rackmount hardware and/or power supplies are required with an alternate these must be included as well. Please refer to the Responsibilities section of the audio visual specification.
12. Must the proposed power amplifier model absolutely include NomadLink functionality? Would a model with a different network monitoring protocol and software be acceptable? An alternate power amplifier with similar remote monitoring capabilities will be accepted however the alternate must meet the specified equipment requirements at a minimum.
13. It is specified in the technical description (5.1.7) that all microphones must be able to be mapped to any individual loudspeaker in order to eliminate feedback pathways. Can the proposed design connect loudspeakers in pairs as both speakers in a pair on each side of a table will most likely be at the same distance from the microphone? A mix-minus system is required, speakers cannot be zoned in rooms with a voice lift requirement.
14. It is specified in the Audio Zone Amplifier Performance (7.7) that the level adjustment per channel must be accessible from the front panel. Can the proposed model have level adjustment located on the back panel? A rear panel adjustment will be accepted as an alternate.
15. It is specified in the performance requirements (7.1.2) that each presentation video signal input position must have VGA and HDMI inputs. The video processing equipment is required to accept 4K resolutions (7.2). The proposed model for the media presentation wallplates in rooms 10S57 and 10N25 (drawing AV-21 #4) do not support 4K resolutions. Must the proposed model support 4K, and if so, must it absolutely include a VGA input. The AV Matrix must support 4K resolution however the HDBaseT transmitters are not required to support 4K.
16. It is specified in the performance requirements that the display must support 1080P (6.7.2). It is also specified that the video processing equipment must support 4K (7.2). Must the HDBaseT transmitters and receivers in all the rooms support 4K? The AV Matrix must support 4K resolution however the HDBaseT transmitters are not required to support 4K.

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17. The scope of work specifies a USB connection camera at the tabletop for meeting rooms with videoconferencing. The drawings and specifications specify only the camera feed going to the Cisco SX80 in the main AV Rack. Please confirm that the cameras are supposed to have video output for the SX80 AND/OR USB connections at the table to use with a laptop in every videoconferencing meeting rooms. USB connections to the camera from the table are required as part of the audio visual specification.
18. In the drawings it is specified that the ceiling loudspeakers need an 8 inches cut-out diameter and 8 inches depth. Can the proposed model have a slightly superior cut-out diameter and depth? (Below 9 inches). As per the audio visual specification the audio visual contractor is responsible for the coordination of the speaker installation.
19. In 5.1 all voice lift rooms are to be mix / minus – does this apply to the Atrium Yes, this does apply to the Atrium.
20. Will optional equipment be considered for the Atrium? Alternates will be accepted however must be approved by the client and their consultant.
21. Will the client be providing all of the VC Codec equipment, cable and licences? Yes, codec equipment and licences will be provided by Shared Services Canada on behalf of the client.
22. Will there be a list of the equipment to be reused including model numbers? Please refer to 1
23. How much product / design flexibility is allowed? The installed audio visual system must meet the requirements of the audio visual specification and audio visual drawing package. Audio visual contractor must submit audio visual shop drawings for review by the client and their consultant.
24. No ceiling speakers shown on drawing, is this correct for this room? Please refer to audio visual specification and the audio visual drawing package for details on required equipment.
25. **Computer Training:** 5.14.1. Please provide make and model of ceiling microphones being provided by client. All equipment to be supplied by the audio visual contractor.
26. **Atrium:** Item 5.1.1 under specifications requires voice lift, no microphones have been specified, kindly provide specification and quantity required. Atrium to be equipped with two 6 channel wireless microphone systems. All equipment to be supplied by the audio visual contractor.
27. **Main AV Room:** 5.16.1. A touch panel is shown on rack, kindly confirm size. Please refer to audio visual specification and AV drawing package for details.
28. Is a UPS required for AV equipment in the rack, kindly specify? A UPS must be provided with audio visual package to support a minimum runtime of 30mins at full load of audio visual system.
29. Two 6 Channel wireless microphone receivers are shown on rack elevation, kindly confirm requirement of wireless microphones, type and quantity. Please refer to audio visual specification for details on required equipment. Atrium to be equipped with two 6 channel wireless microphone systems.
30. Will the client be supplying the racks for the main AV control room? The audio visual contractor is responsible for the supply and installation of the racks in the main AV room.
31. Where will all of the AV be controlled for the atrium? Please refer to audio visual drawing package for touch panel locations.

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32. Can the client supply a list of what material, equipment and their accompanying specs are designated for re-use in the Willowdale room?
Please refer to 1
33. Are the displays currently being used, commercial? Yes.
34. Small Meeting room: Spec calls for >9" however drawing shows 7", kindly confirm size of touch panel required? Touch panel to be a minimum of 7" on the diagonal as shown in the audio visual drawing package.
35. Provide specification for video conference camera. Audio visual contractor is responsible to supply all video conference cameras the only exception being 4 to be re-used from the Willowdale Room. Specifications for the cameras to be re-used have been provided as part of an amendment to the tender package.
36. Large Meeting Room: 5.12.1. Please provide make and model of display being supplied by client. Please refer to 1
37. Would client provide wall mount bracket for client supplied displays? yes
38. Please provide make/model of video cameras being supplied by client. Please refer to 1
39. Pg:21 Item 4.5 refers to 6 cameras, drawing shows 4, kindly clarify. 4 Cameras to be re-used, 2 spare cameras to be turned over to the client for spares package.
40. BTV/Conference Room: Please provide make and model of display being supplied by client. All equipment in the BTV/Conference Room to be supplied by the audio visual contractor.
41. Would client provide wall mount bracket for client supplied displays? Yes
42. Kindly confirm if VC camera is being supplied together with the Codec by PSPC, if so please confirm camera model. Audio visual contractor is responsible to supply all video conference cameras the only exception being 4 to be re-used from the Willowdale Room.
43. RG6 HD-COAX is specified for being home run to the main AV rack from behind the displays, kindly confirm what this is being used for in the system. It is to be used for VTC Camera.
44. 10th Floor Atrium.....documentation says to match existing line array speakers.....Make/Model ? All equipment for the atrium space to be supplied by the audio visual contractor.

Financial

1. As per the discussions at the site visit, will you be providing the final required format of the pricing document? New basis of payment has been supplied in an amendment to the tender package.
2. Annex B Basis of Payment – is this per room or total See the updated Basis payment included in an amendment to the tender package.
3. Will there be any restrictions of size of the technical proposal? There are no restrictions.

4. Annex B Basis of Payment – is an itemized BOM required? See the updated Basis payment included in an amendment to the tender package.
5. Will all phases be included as one purchase order – one contract? Yes, it is one contract.
6. Will shipment lot be accepted? The supplier should ship items that are ready for install as on site storage space cannot be guaranteed. All deliveries to be coordinated with the general contractor.
7. In terms of procurement, are all phases treated as one contract? Yes, it is one contract with phased delivery as per construction schedule.
8. What is the payment process? Since a lot of equipment will need to be bought upfront, will the supplier bare that initial cost? See section 6.6 of the RFP.
9. How do you want the equipment and their prices to be quoted in the submissions? See the updated Basis payment included in an amendment to the tender package.
10. ANNEX-B Is pricing requested per room or for the total of each room type. See the updated Basis payment included in an amendment to the tender package.

General Questions

1. Per the SOW document Section 3 Responsibilities, it clearly states that the electrical contractor is to supply all conduit, electrical, data (cat6), electrical and communications outlets, A/V cabling, back boxes. Millwork company is to make all furniture penetrations/pathways. Therefore my understanding is that the A/V contractor is to:

- a. Supply and install the A/V equipment
- b. Supply and install various A/V patch cords only (between device and outlet)
- c. Terminate the A/V cabling, including jacks, faceplates.
- d. Commission and test the A/V equipment.

The A/V contractor would work with the electrical contractor to ensure all conduits, outlets and wiring is properly run, terminated and tested.

The audio visual contractor is responsible for the supply and installation of all required audio visual infrastructure cabling and the supply and install of a complete functioning audio visual system.

2. Due to required information form client, will a second extension be granted? Any extension of the tender period will be posted on BuyandSell.gc.ca
3. Is there any equipment brand preference? No.
4. Who supplies the Codex and who will be handling the licensing for that? The codecs will be supplied by Shared Service Canada on behalf of the client PSPC
5. Who is responsible for supplying what cables? The Audio visual contractor to supply and install all cables related to the audio visual system.
6. Kindly confirm if unionized workers are required for the AV scope of this RFP. Unionized workers are not required.
7. Project Schedule: Within the Construction Schedule when will site be dust free and when will furniture be installed. Delivery and installation of audio visual equipment must be coordinated with General Contractor responsible for the site.

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8. Does all cabling between Main AV room and meeting rooms required to be supplied and installed by AV integrator? Yes
9. Is there a minimum number of hours of training that is required? Please refer to audio visual specification for details on required training.