

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Réception des soumissions - TPSGC / Bid Receiving
- PWGSC
1550 Avenue d'Estimauville
1550 D'Estimauville Avenue
Québec
Québec
G1J 0C7

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
TPSGC - PWGSC
601 - 1550 Avenue d'Estimauville
Québec
Québec
G1J 0C7

Title - Sujet Interoperability Radio Gateway	
Solicitation No. - N° de l'invitation W0106-14W732/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client W0106-14W732	Date 2015-02-10
GETS Reference No. - N° de référence de SEAG PW-\$QCW-026-16308	
File No. - N° de dossier QCW-4-37265 (026)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-03-09	Time Zone Fuseau horaire Heure Normale du l'Est HNE
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Perron, Jonathan	Buyer Id - Id de l'acheteur qcw026
Telephone No. - N° de téléphone (418) 649-2838 ()	FAX No. - N° de FAX (418) 648-2209
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

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W0106-14W732

Amd. No. - N° de la modif.

001

File No. - N° du dossier

QCW-4-37265

Buyer ID - Id de l'acheteur

qcw026

CCC No./N° CCC - FMS No/ N° VME

See following pages

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qcw026

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CCC No./N° CCC - FMS No./N° VME

Amendment 001

Title: Interoperability Radio Gateway

No. W0106-14W732

Included in the present amendment:

1- Questions and Answers (1-5)

2- Annex RADIO PIN-OUT Configuration

Questions / Answers (1)

Question 1:

I would ask if we can address using your INBOUND LOGISTICS Group for the delivery process. I believe there is both precedent and practical logic in this as then the material can be receipted within the time frame and administrated through both the customs process and inspection receipting process at your Garrison Valcartier location.

Answer 1:

No, in this case, for operation, there are no advantage to use the Clause D0035C. If we involve the Inbound Logistics Coordination Center (ILCC) in the delivery process, it will only increase the delay because you would have to send paperwork and to receive approvals. During the last years, we have improved our Customs procedures and centralized all the process. The custom clearance could now be done within 1-2 days. We did not encounter any issues regarding customs with any foreign suppliers lately. The delivery time frame and the Customs brokerage will not hinder the process and unfairly excluding any supplier from our competitive process

Questions / Answers (2)

Question 2:

5.1.10 Must support as a minimum the following communications within a single chassis: PSTN, 1 analog phone, VoIP, 1 Operator, 5 radios.

- a) Can the TA please provide more details about the 1x PSTN and 1x Analog phone?
- b) Are they looking at bridging a PSTN (Public Switched Telephone Network) with an Analog phone?
- c) Are they looking at having those two lines in operation simultaneously or is simply being able to receive and patch PSTN and Analog phones/calls with the radios?

Answer 2:

- a) 1 PSTN = receiving a line from the Public Switched Telephone Network so that access to the radio networks can be obtained through that line.
1 analog phone = enabling access to the radio network from a nearby standard analog phone.
- b) Yes, among others. As mentioned in point 5.1.10, the communication must be performed simultaneously between 1 PSTN phone, 1 analog phone, 1 VoIP phone, 1 Operator and 5 radios.
- c) Simultaneously.

Questions / Answers (3)

Question 3:

In regards to delivery deadline of March 31, would the End User accept a partial delivery or must it be complete system? Also can they receive the equipment before March 31st and allow the Vendor to complete integration on-site post March 31?

Answer 3:

All goods and services must be received prior to March 31st, 2015.

Questions / Answers (4)

Question 4: In Page 5, and at Annex C, article 9 of the mandatory technical evaluation criteria seems to be incomplete. It starts with "intelligence that carrier wave.." . Can you please provide the missing requirement?

Answer 4: Delete "intelligence that carrier wave.."

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Questions / Answers (5)

Question 5:

Can the Technical Authority provide us with the RADIO PIN-OUT Configuration (Schematic), the Make and Model of the 3 radios listed? (RT-5121A/U & RT-1694C & RT-1796).

Answer 5:

- a) PIN-OUT configuration: see the Annex (next page)
- b) Make and model are already listed in the RFP.

Radio Pin-Out Configuration

RT-5121A/U

Signal Name	Signal Type	Signal Characteristics	Unit Source or Load Impedance	External Source or Load Impedance
PIN A				
Mic (+)/	Analog input	2 m V to 30 mV, 300 Hz – 3 KHz	300 Ω AC balanced with return pin B	
PIN B				
Mic (-)	Analog input return		300 Ω AC balanced with return pin A, 10 k Ω DC	
PIN D				
LHS Earphone/	Analog Output	10 m W \pm 2 dB max, 300 Hz – 3 kHz		
PIN E				
Gnd	Ground			
PIN F				
<u>PTT</u>	Control input	Control: RCV + pin floating XMT = 2 k impedance	19 k Ω pull-up to +8 V	> 18 k RCV < 1.8 k XMT
PIN G				
RHS Earphone/	Analog Output	10 m W \pm 2 dB max, 300 Hz – 3 kHz		

Nom du signal	Type de signal	Caractéristiques du signal	Source ou impédance de charge de l'unité	Source ou impédance de charge externe
PIN A				
Mic (+)/	Entrée analogique	2 mV à 30 mV, 300 Hz - 3 kHz	300 Ω c.a. équilibrée avec broche B de retour	
PIN B				
Mic (-)	Retour d'entrée analogique		300 Ω c.a. équilibrée avec broche A de retour, 10 k Ω c.c.	
PIN D				
LHS Earphone/	Sortie analogique	Max 10 mW \pm 2 dB, 300 Hz - 3 kHz		
PIN E				
Gnd	Mise à la terre			

PIN F				
PTT	Entrée de commande	Commande : Rx + broche flottante Tx = impédance de 2 k en largeur à 4 kbps	19 k Ω excursion haute à +8 V	> 18 k RCV < 1.8 k XMT
PIN G				
RHS Earphone/	Sortie analogique	Max 10 mW \pm 2 dB, 300 Hz - 3 kHz		

Radio Connector is MRN from THALES Defence LTD : 29329-259-01-02 (NATO Stock Number : 5936-99-986-6389)

Connecteur de la radio est # MFR de THALES Defence LTD: 29329-259-01-02 (Numéro Nomenclature OTAN: 5936-99-986-6389)



Compatible Female connector includes Amphenol 62GB-5056G-10-07PF or equivalent

Connecteur femelle compatible inclut Amphenol 62GB-5056G-10-07PF ou equivalent

RT-1694C(P) and RT-1796(P)

Signal Name	Signal Type	Signal Characteristics	Unit Source or Load Impedance	External Source or Load Impedance
PIN A				
Gnd	Ground			
PIN B				
RX Aud	Receiver audio output	≥ 3.87 v rms audio, variable vol	1K ohm	
PIN C				
PTT	Push-To-Talk	PTT active low pull down to ground		
PIN D				
TX Aud	Transmit Mic Input	1.5 mV rms +/-10%, Zin = 105 ohms +/-10%		

Nom du signal	Type de signal	Caractéristiques du signal	Source ou impédance de charge de l'unité	Source ou impédance de charge externe
PIN A				
Gnd	Mise à la terre			
PIN B				

RX Aud	Sortie Audio, réception	≥ 3.87 V rms audio, volume variable	1K ohm	
PIN C				
PTT	Signal de transmission	Connection à la mise à la terre		
PIN D				
TX Aud	Entrée de transmission microphone	1.5 mV rms +/-10%, Z _{in} = 105 ohms +/-10%		

Type of compatible female connector include U-229/U NATO Stock Number 5935-00-823-0667 or equivalent.

Types de connecteurs femelle compatibles incluent le U-229/U Numéro de Nomenclature OTAN 5935-00-823-0667 ou equivalent.