



**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Public Works and Government Services / Travaux  
publics et services gouvernementaux  
Kingston Procurement  
Des Acquisitions Kingston  
86 Clarence Street, 2nd floor  
Kingston  
Ontario  
K7L 1X3  
Bid Fax: (613) 545-8067

**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 / Travaux  
publics et services gouvernementaux  
Kingston Procurement  
Des Acquisitions Kingston  
86 Clarence Street, 2nd floor  
Kingston  
Ontario  
K7L 1X3

<b>Title - Sujet</b> Wireless Pager Systems	
<b>Solicitation No. - N° de l'invitation</b> W3474-182790/B	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> W3474-18-2790	<b>Date</b> 2018-01-30
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$KIN-710-7414	
<b>File No. - N° de dossier</b> KIN-7-48187 (710)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-02-07</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Dunphy, Ken	<b>Buyer Id - Id de l'acheteur</b> kin710
<b>Telephone No. - N° de téléphone</b> (613) 449-5116 ( )	<b>FAX No. - N° de FAX</b> (613) 545-8067
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

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**This amendment is being issued in response to Bidder's questions and Canada's responses, to remove the Canadian content and to amend Annex "A" Requirement.**

Q1. You stated the following: "There is a requirement to deploy wireless pager systems to various locations around the globe that is compatible with other RCAF deployable units. Pagers are required to provide a means of contacting essential personnel in regions where there may be degraded or no local infrastructure".

Does it mean that beside the pagers and cables you also need the transmitter and other related hardware to make the system works?

If so; can you please amend Annex B to reflect this?

A1. Just the pagers and cables are required.

Q2. Following this requirement Canada also indicate: "Proposed equipment must provide the ability to expand capability of currently deployed Operations, increase stock to support additional Operations, and to replenish currently unserviceable stock"

Does it mean that the prices that we will supply will be used for other purchases in the future, like a RFSO?

If so; can you please amend Annex B to reflect this?

A2. No, the prices provided will only be used for this solicitation for the firm quantities expressed in Annex B, Basis of Payment.

Q3. What model of Alphanumeric pager are you looking for, and what is the frequency you would need the unit on. As far as I know, there is no alphanumeric pager currently on the market that will receive across the entire VHF band.

A3. We currently use "Apollo" pagers, no model number, showing a frequency of 148.5850MHZ. I know we can program different frequencies into the pagers via key pad of the pager. Ultimately, pagers should be able to operate between 150-174MHz to match our transmitters.

Q4. 1.4 mentions Canadian goods and services; 5.2.3.1 mentions Canadian content definition. There are no pagers that are manufactured in Canada. Is this an issue? It would have to be cleared up so that we can suggest pagers to suit. They will be coming from Asia.

A4. The requirement has been amended to remove the Canadian content policy.

Q5. Date of contract is from start to June 30th 2018; Date of delivery is by March 30th 2018. Perhaps they may place a 2nd order between April and June and do they want a guarantee on pricing?

A5. No, all orders are one-time at the firm unit prices provided and all is for delivery by no later than March 30, 2018.

Q6. For the pagers, no problem with VHF between 150-174. However, for ordering, they will have to be ordered within a band split. If they intend for 'Global' use, as indicated, they may have to operate on other frequencies, but they cannot be tweaked out of band. Operating frequencies would have to be known at the time of ordering. Is this a problem?

A6. As a minimum, pagers must be able to operate at a frequency range that will be compatible with 150-174MHz, which is the frequency range of the transmitter that we use. For instance, pagers with a

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frequency of 138-174Mhz would be acceptable. Pagers must have the ability to have the exact frequency (within band) programmed by the user.

Q7. I would think they would be POCSAG Protocol but they may be required as FLEX instead. You would have to find that out. Although not usual, we have in the past been asked for FLEX in 151-158.

A7. POCSAG

Q8. What ratings - if necessary - are needed? UL and/or CUL, or an IP rating? If for use in Europe, ATEX rating is what is usual but ATEX (although a high rating) isn't a rating acknowledged by CUL in Canada.

A8. UL or CUL is acceptable.

Q9. How many pins do you require for the RS-232 Cable?

A9. Cables must be Male, 9 pin D-Sub.

Q10. Regarding the pagers, it is specified the frequencies are VHF 150-174MHz. Would DND accept pagers that would cover VC 153-164MHz or VD 163-174MHz?

A10. No, pagers must cover at a minimum VHF frequencies 150 – 174 MHz.

Q11. Are the pagers need to be Pocsag Basic or Pocsag Secure?

A11. POCSAG Basic.

Q12. Regarding the solicitation above can you please specify exactly which frequency band are you looking for because there is no Alphanumeric pager that can operate on VHF 150-174MHz there are different band splits ranging from 150-174. For instance, 142-152 MHz or 152-162 MHz or 162-174 Mhz. Pager frequency is listed as 150 to 174 MHz. As you know this is the VHF Paging range. However pagers are typically sold with subsets of the band. Can you confirm the actual frequency range the customer requires?

A12. Please refer to answers 6 and 10 above.

Q13. Regarding pager capabilities, is P25 protocol support required? Is POCSAG supported?

A13. No, P25 Protocol support is not required. Yes, POCSAG is supported.

Q14. Conditional Canadian Content: Can you let me know why this is in the RFP? To our knowledge there are no Canadian suppliers of pagers in the market as OEMs. As such we would order from a US (or other nation) supplier.

A14. Please refer to answer 4 above.

Q15. The frequency range specified in document for the 150 devices is 150-174 MHz. Is there an exact frequency that these pagers will be programmed to?

Our pagers have different band widths and I wondering of we will need to supply a combination of both or if all pagers will be on 1 frequency allow us to just include 1 within the bid.

A15. Please refer to answers 6 and 10 above.

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002  
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KIN-7-48187

Buyer ID - Id de l'acheteur  
KIN710  
CCC No./N° CCC - FMS No./N° VME

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## **DELETE**

### **1.4 Canadian Content**

The requirement is limited to Canadian goods and/or services.

### **5.2.3 Additional Certifications Precedent to Contract Award**

#### **5.2.3.1 Canadian Content Certification**

**5.2.3.1.1** *SACC Manual* clause [A3050T](#) (2014-11-27) Canadian Content Definition

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## **ANNEX "A"**

### **REQUIREMENT**

#### **DELETE**

#### **2.0 REQUIREMENT DETAILS/ DELIVERABLES**

- 2.1 RS-232 serial cable - direct - Male to Male - 10 ft. – shielded
- 2.2 Alphanumeric pager with holster and battery, operating on VHF 150-174MHz.

#### **REPLACE WITH**

#### **2.0 REQUIREMENT DETAILS/ DELIVERABLES**

- 2.1 RS-232 serial cable - direct - Male to Male – 9 pin D-Sub - 10 ft. - shielded
- 2.2 Alphanumeric POCSAG Basic, pager with holster and battery. As a minimum, pagers must be able to operate at a frequency range that will be compatible with 150-174MHz, which is the frequency range of the transmitter that is used. Pagers must have the ability to have the exact frequency (within band) programmed by the user. UL or CUL rating is acceptable.

**ALL OTHER TERMS AND CONDITIONS OF THIS SOLICITATION REMAIN UNCHANGED.**