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Place du Portage, Phase III
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Revision to a Request for a Standing Offer

Révision à une demande d'offre à commandes

National Master Standing Offer (NMSO)

Offre à commandes principale et nationale (OCPN)

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Offer remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'offre demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Defence Communications Division. (QD)
11 Laurier St./11, rue Laurier
Place du Portage, Phase III, 8C2
Gatineau, Québec K1A 0S5

Title - Sujet NMSO for the P25 Subscriber units NMSO for the P25 Subscriber units	
Solicitation No. - N° de l'invitation E60QD-233104/A	Date 2023-01-04
Client Reference No. - N° de référence du client E60QD-233104	Amendment No. - N° modif. 003
File No. - N° de dossier 031qd.E60QD-233104	CCC No./N° CCC - FMS No./N° VME
GETS Reference No. - N° de référence de SEAG PW-\$\$QD-031-28852	
Date of Original Request for Standing Offer 2022-11-09 Date de la demande de l'offre à commandes originale	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2023-01-31 Heure Normale du l'Est HNE	
Address Enquiries to: - Adresser toutes questions à: Sparkes, Michelle	Buyer Id - Id de l'acheteur 031qd
Telephone No. - N° de téléphone (873) 455-1558 ()	FAX No. - N° de FAX () -
Delivery Required - Livraison exigée	
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	
Security - Sécurité This revision does not change the security requirements of the Offer. Cette révision ne change pas les besoins en matière de sécurité de la présente offre.	

Instructions: See Herein

Instructions: Voir aux présentes

Acknowledgement copy required	Yes - Oui	No - Non
Accusé de réception requis	<input type="checkbox"/>	<input type="checkbox"/>
The Offeror hereby acknowledges this revision to its Offer. Le proposant constate, par la présente, cette révision à son offre.		
Signature	Date	
Name and title of person authorized to sign on behalf of offeror. (type or print) Nom et titre de la personne autorisée à signer au nom du proposant. (taper ou écrire en caractères d'imprimerie)		
For the Minister - Pour le Ministre		

NMSO for the P25 Subscriber units

Amendment 003 is

1. To provide questions and answers 5 to 14;
2. Update Statement of Requirement (Annex A) mandatory criteria grids for all four streams (Annexes F-1 to F-4);
3. Remove Trade Agreement: Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP); and
4. Extend the closing date to 31 January 2023.

Q5

Annex F-2 Article 6.7.6 and equivalent Annexes of F-1, F-3

Single Band radio equipment must be used in a production environment in at least two other P25 public-safety systems of 2000+ devices within North America as of the date of RFSO solicitation period closure. Offeror must provide references complete with contact information for such system.

This requirement appears in both F-2 and F-3, mandatory requirements for dual band and multi-band. We understand the purpose of this question for single band radios.

Is PSPC/RCMP can clarify why having the single band radio deployed can impact the dual band and multi band compliance? Should this requirement ask for dual band and multiband radios (F-2 and F-3).

Q5 Answer:

Each Band's requirement for deployed fleet is different and is independent of any other stream's requirement.

The requirement exists to evaluate the current deployment of radios being bid on for each of the four streams, thus:

- a) 6.7.6 "Single Band radio equipment" only refers to radios being offered in the single band stream,
- b) 6.7.7 "Dual Band radio equipment only refers to radios being offered in the dual band stream,
- c) 6.7.8 "Multi Band radio equipment only refers to radios being offered in the Multi band stream,
- d) 6.7.9 "P25 Digital Vehicular Repeater Systems equipment" or Multi Band DVRS radio equipment only refers to radios and repeater systems being offered in the Multi band DVRS stream.

Q6

Annex F-2 Article 7.4.14 s)2.2.12 Test Suite Authentication

And equivalent Annexes in F-1, F-3

The P25 CAP authorities within the US Department of Homeland Security, which own and administer the P25 CAP program under US law, define the specific test cases that are to be conducted and reported for official compliance under the program. Vendors do not control this, nor does the TIA standard itself; the requirements are all controlled and published by DHS. While the interoperability test requirements for P25 CAP compliance do draw test cases in TIA-102-CABC-C, they do not prescribe all of the test cases in that TIA document – just a subset. The prescribed subset does not include any of the test cases in 2.2.12 Test Suite Authentication.

Anyone in the Public Safety end user community desiring to have tests or functionality added to those required for P25 CAP compliance must lobby the P25 CAP program advisory panel and administrator at DHS to have them made part of program. The P25 CAP STR reports specifically (and only) P25 CAP compliance results and cannot be used to report results for any tests outside of the program.

The requirement cannot be met. Please remove this requirement.

Q6 Answer:

For requirements 7.4.13 and 7.4.14, Actual P.25 CAP compliance is not required, rather only specify the level of compliance with reference to the indicated specifications. The Offeror must only show that their equipment has either passed, failed or not been evaluated against the requested test cases.

As noted in the compliance matrix documents there are no points awarded for level of compliance, just providing a response with respect to “pass/ fail/ not evaluated” is sufficient.

Q7

Annex F-2 Article 10.10.1 and equivalent Annexes in F-1 and F-3

The public safety type radios are tested and guaranteed to meet TIA-603 specifications, which is the industry standard for that type of equipment. The PSPC/RCMP requirement greatly exceed the TIA standard and cannot be offered or guaranteed. TIA-603 permit a RF power degradation of 6dB at -20% DC voltage. Our guarantee is based on TIA-603 specifications.

The requirement cannot be met as specified. Please remove this requirement or make it based on values specified by TIA in the TIA-603 specification series.

Q7 Answer:

The requirement 10.10.1 will be changed to the following:

10.10.1 Mobile radio must operate from vehicle negative ground, 12-volt DC power. The Mobile radio must permit RF power degradation of no more than 6dB at -20% DC voltage as per TIA-603, Carrier Output Power Rating

Q8**Annex F-2 Articles 10.10.2.1, 10.10.2.2, 10.10.2.3 and equivalent Annexes of F-1, F-3**

While we understand the purpose of this requirement, we respectfully submit that it's not to the mobile radio vendor to compensate for lack of capability of the vehicle vendor. We understand RCMP may have problems with vehicle not capable to deliver quality DC voltage when a vehicle feature (the stop/start) is used. The vehicle must be capable of providing quality DC supply at all times. It's something the vehicle constructor can manage, not the radio vendor. In the same manner the radio must be usable if quality DC supply is provided, this is why they should be tested and guaranteed to meet industry standard specifications, in this case TIA-603 specifications. Mobile radios are electrical devices requiring power to operate, if the power disappear, it can't operate. Asking the mobile radio vendor to provide a mobile radio which can operate in absence of power, or in absence of quality DC voltage is abusive.

This requirement cannot be fulfilled by a standard mobile radio. A solution is to complement the vehicle lack of quality DC voltage by addition of external devices like isolation relay, regulators, large capacitors, backup battery, etc., all this packed in a suitable enclosure. This is outside the provision of a regular mobile radio, require development, and will require detailed specifications of the requirements to be provided by RCMP. This will include study about voltage variation over time, over temperature, in a variety of situation, and a list of all conditions to be met.

The requirement cannot be met as specified. Please remove this requirement.

Q8 Answer:

This requirement focusses on radio behavior with respect to the ignition sense line to the radio. To clarify the requirement, 10.10.2.4 will be split into two separate requirements:

10.10.2.4 Any momentary reduction in voltage of the mobile radio ignition sense line of 1 second or less must not cause the radio to shut down and restart.

10.10.2.5 The radio must shut down within 5 seconds of loss of power greater than 1 second to the mobile radio ignition sense line.

RCMP will not change this specification any further; this is an officer-safety requirement.

Q9**Annex F-2 Article 10.10.2.4 and equivalent Annexes of F-1, F-3**

“Any momentary reduction in voltage of the mobile radio ignition sense line of 1 second or less must not cause the radio to shut down and restart. The radio must shut down within 5 seconds of loss of power to the ignition sense line.”

We suggest splitting this requirement in two separate requirements, as they are two different specifications, requiring a different solution.

First requirement: *“Any momentary reduction in voltage of the mobile radio ignition sense line of 1 second or less must not cause the radio to shut down and restart”*. Technical specifications require technical requirements. This requirement as specified is vague. What the amount of reduction. Mobile radios are tested and guaranteed to meet TIA-603 specifications. We suggest rephrasing the first requirement to include the TIA-603 specifications, limiting the voltage reduction to 10.8VDC, as per specifications.

The requirement cannot be met as specified. Please modify or remove this requirement.

Q9 Answer:

The requirement 10.10.2.4 will be split into two separate requirements:

10.10.2.4 Any momentary reduction in voltage of the mobile radio ignition sense line of 1 second or less must not cause the radio to shut down and restart.

10.10.2.5 The radio must shut down within 5 seconds of loss of power greater than 1 second to the ignition sense line.

RCMP will not change this specification any further; this is an officer-safety requirement.

Q10

Annex F-2 Article 10.10.2.4 and equivalent Annexes of F-1, F-3

“Any momentary reduction in voltage of the mobile radio ignition sense line of 1 second or less must not cause the radio to shut down and restart. The radio must shut down within 5 seconds of loss of power to the ignition sense line.”

We suggest splitting this requirement in two separate requirements, as they are two different specifications, requiring a different solution.

Second requirement: *“The radio must shut down within 5 seconds of loss of power to the ignition sense line.”* is a legitimate and clear requirement. The current configuration of the mobile radios we can offer programmable shutdown from 0 to 240 minutes, in a 1-minute increment. Not seconds. The current offering, if programmed at “0” will shut down immediately, which does not meet the specification. If programmed at “1” minute, it will shut down much after 5 seconds, not meeting the requirement asking to shut down before 5 seconds. This feature, as request can be developed and implemented, but development, testing, regressive testing takes time and cannot be done prior to the due date of this RFP.

We ask PSPC/RCMP to modify the requirement to make it compatible with the offering as described, or remove it, or accept to have this feature available in the future.

Q10 Answer:

The requirement 10.10.2.4 will be split into two separate requirements:

10.10.2.4 Any momentary reduction in voltage of the mobile radio ignition sense line of 1 second or less must not cause the radio to shut down and restart.

10.10.2.5 The radio must shut down within 5 seconds of loss of power greater than 1 second to the ignition sense line.

RCMP will not change this specification any further; this is an officer-safety requirement.

Q11

Annex F-2 Article 9.3.2 and equivalent requirement in Annexes F-1, F-3 and F-4

Our 12h @ 5-5-90 battery is guaranteed for UHF and 7/800MHz but is not to VHF caused by the higher RF power requiring more capacity.

For this reason, while this duration is generally achieved, it can't be guaranteed at this moment.

Larger capacity batteries will eventually become available as part of the normal product evolution. They will be made available to PSPC/RCMP.

Please change this requirement to 10h for VHF.

Q11 Answer:

RCMP will not remove or change this specification. This is an officer-safety requirement.

Q12:

6.7.6 Single Band Radio equipment must be used in a production environment in at least two other P25 public-safety systems of 2000+ devices within North America as of the date of the RFSO solicitation period closure. Offeror must provide references complete with contact information for such system."

For Section 6.7.6, could this be reworded to include references from South America and Europe?

Q12 Answer:

RCMP will remove the words "Within North America" for all streams.

Q13:

Item F-2 7.11.2 and equivalent requirement in F-1, F-3 and F-4

The requirement asks for details of a server not part of this procurement. OTAR being a P25 standardized feature, the offered equipment will use the existing RCMP OTAR functionality at each location and does not require any additional server to be added. Price sheets G-2 (and equivalent) does not ask to price this server.

Q13 Answer:

The requirement clause 7.11.2 will be rewritten as follows:

7.11.2 Offeror must specify the following for an OTAR Server that is proven to be compatible with their radio equipment:

Q14:

Please confirm, in order to receive 12 pts for 6.8.1 (G1-G4, rated section), the radio must have the capability to have all mandatory options and features listed below transferred to another radio of the same make and model during the useful lifespan of the original radio.

Q14 Answer:

This question actually relates to optional requirement 6.8.1.1 which states the following:

6.8.1.1 Radio equipment should have the capability to have their options and features be able to be transferred to another radio of same make and model during the minimum useful lifespan of the original radio.

Therefore, the radio should have the capability to have all their currently purchased options and features transferred to another radio, not just the mandatory ones....

All other terms and conditions remain the same.