Public Works and Government Services Canada | Travaux publics et Services gouvernementaux Canada

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des soumissions - TPSGC
11 Laurier St./ 11 rue, Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

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

Scientific, Medical and Photographic Division / Division de l'équipement scientifique, des produits photographiques et pharmaceutiques
11 Laurier St./ 11 rue, Laurier
6B1, Place du Portage
Gatineau, Québec K1A 0S5

Title - Sujet JOINT CBRN GEN. SERVICE RESPIRATOR	
Solicitation No. - N° de l'invitation W8476-155141/C	**Amendment No. - N° modif.** 005
Client Reference No. - N° de référence du client W8476-155141	**Date** 2016-07-27
GETS Reference No. - N° de référence de SEAG PW-$$PV-867-71135	
File No. - N° de dossier pv867.W8476-155141	**CCC No./N° CCC - FMS No./N° VME**
Solicitation Closes - L'invitation prend fin **at - à 02:00 PM** **on - le 2016-10-31**	**Time Zone** **Fuseau horaire** Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. **Plant-Usine:** ☐ **Destination:** ☑ **Other-Autre:** ☐	
Address Enquiries to: - Adresser toutes questions à: Lalonde, Martin	**Buyer Id - Id de l'acheteur** pv867
Telephone No. - N° de téléphone (819) 462-1009 ( )	**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**	

Canada

PWGSC

Joint CBRN GSR – RFP, Amendment 005

This amendment is raised to update the JOINT CBRN GEN. SERVICE RESPIRATOR, Solicitation No. W8476-155141/C, dated 23 June 2016

THE SOLICITATION CLOSING DATE HAS BEEN EXTENDED TO OCTOBER 31, 2016 AT 2:00 P.M. EDT.

QUESTION 25:

Annex F
3.3.3 b ii (4)

The pricing tables provided to bidders do not provide for FCA prices, please clarify?

ANSWER:

Canada will delete "…, Canada request that Bidders provide Prices FCA Contractor's location or shipping point and DDP destination." from Annex F, paragraph 3.3.3 b ii (4).

DELETE:

(4) Although Canada reserves the right to award the Contract either on a free carrier (FCA) Contractor's location or delivered duty paid (DDP) destination, Canada requests that Bidders provide prices FCA Contractor's location or shipping point and DDP destination. Bids will be assessed on a DDP destination basis.

INSERT:

(4) Although Canada reserves the right to award the Contract either on a free carrier (FCA) Contractor's location or delivered duty paid (DDP) destination. Bids will be assessed on a DDP destination basis.

QUESTION 35:

Annex A,
Appendix AA

In Annex A - appendix AA, when verification method is Test and verification phase is Phase 2D - Demonstration, is it correct to assume that no test report has to be provided by the bidder?

ANSWER:

Canada cannot find in Appendix AA where the verification method is Test and the verification phase is "Phase 2D

Bidder Demo".

At any time that a Verification Method is Test and is before contract award; the Bidder in the bidding phase has to provide a Test Report in due form to support the evaluation of his business proposal. If the Requirement is a desirable, it is left to the Bidder to decide to meet the desirable or not. If the requirement is mandatory, the Bidder has to present the Test Report or be disqualified.

If at any time that a Verification Method is Test, after contract award; the Contractor in the contract execution has to provide a Test Report as directed.

QUESTION 49:

Annex A,
Appendix AA,
SRS-922 and SRS-2411

Annex A, appendix AA, SRS-922 and SRS-2411, has seen an increased of 6X the DOP load, is it a typographical error? If not, could you please explain why DND is now requesting this increased capability for filter?

ANSWER:

Firstly please note, the typographic error was introduced in JCG – SRS – 922, 4817, 2411 and 4818 during text transfer and formatting, the superscript was dropped and the figure should read as 3.0×10^{-5} (0.00003);

Secondly, the stated value in JCG –SRS – 922, 4817, 2411 and 4818 should read 250 mg instead of the 1.5 g.

Thirdly, the typographic error was also introduced in the column “Success Crieria” in JCG – SRS – 4817 during text transfer and formatting, the superscript was dropped and the figure should read as 3.0×10^{-5} (0.00003).

Theses SRS statements will be amended as follows

- Annex A, Acquisition Statement of Work, Appendix AA – System Requirements Specification, Page A-AA- 61/272, for JCG – SRS – 922 line in the column Joint CBRN GSR System Requirements Specification (SRS)

  DELETE:

  When new, the Filter Sub-system must prevent penetration of greater than 3.0 x 10-5 for chemical, biological and radiological aerosols at all times at flow rate not less than 50 L/min until 1.5 g of aerosol has collected on the Filter Sub-system.

  INSERT:

  When new, the Filter Sub-system must prevent penetration of greater than 3.0×10^{-5} for chemical, biological and radiological aerosols at all times at flow rate not less than 50 L/min until 250 mg of aerosol has collected on the Filter Sub-system.

- IAnnex A, Acquisition Statement of Work, Appendix AA – System Requirements Specification, Page A-AA- 62/272, for JCG – SRS – 4817 line, in the column Joint CBRN GSR System Requirements Specification (SRS).

  DELETE

When new, the Filter Sub-system should prevent penetration of greater than 3.0 x 10-5 for chemical, biological and radiological aerosols at all times at flow rate not less than 50 L/min until 1.5 g of aerosol has collected on the Filter Sub-system.

INSERT

When new, the Filter Sub-system should prevent penetration of greater than 3.0 x 10^{-5} for chemical, biological and radiological aerosols at all times at flow rate not less than 50 L/min until 250 mg of aerosol has collected on the Filter Sub-system.

- JCG – SRS – 4817 line, in the column Success Criteria.

DELETE:

Starting with a new Filter Sub-system, out of its Individual Packaging, test using the Particulate Penetration Test under the same test conditions as JCG-SRS-922. These two statements are best verified in conjunction one being the extension of the other. Bidder is to achieve 3.0 x 10-5 at >50 L/min. Points will be awarded based on the Flow Rate and still maintaining the required penetration.

Flow Rate:

Minimum Points: 0 Points: <= 50 L/min

Maximum Points: >=100 L/min

Prorated Points between 50 L/min to 100 L/min:

Bidder's Points = (Bidder's Flow Rate - 50) * Max Points / (100 - 50)

The Test Report is to be presented to Canada detailing the test procedure and results, including the ambient conditions that satisfy the time duration to attain 1.5 g of aerosol collected. The report is to describe the statistical validity of the sample size to verify compliance. This test report can be combined with the one for the mandatory requirement JCG - SRS - 922.

INSERT

Starting with a new Filter Sub-system, out of its Individual Packaging, test using the Particulate Penetration Test under the same test conditions as JCG-SRS-922. These two statements are best verified in conjunction one being the extension of the other. Bidder is to achieve 3.0 x 10^{-5} at >50 L/min. Points will be awarded based on the Flow Rate and still maintaining the required penetration.

Flow Rate:

Minimum Points: 0 Points: <= 50 L/min

Maximum Points: >=100 L/min

Prorated Points between 50 L/min to 100 L/min:

Bidder's Points = (Bidder's Flow Rate - 50) * Max Points / (100 - 50)

The Test Report is to be presented to Canada detailing the test procedure and results, including the ambient conditions that satisfy the time duration to attain 250 mg of aerosol collected. The report is to describe the statistical validity of the sample size to verify compliance. This test report can be combined with the one for the mandatory requirement JCG - SRS - 922.

- Annex A, Acquisition Statement of Work, Appendix AA – System Requirements Specification, Page A-AA- 62/272, for JCG – SRS – 2411 line in the column Joint CBRN GSR System Requirements Specification (SRS).

  DELETE

  After Rough Handling, the Filter Sub-system must prevent penetration of greater than 3.0 x 10-5 at flow rate not less than 50 L/min for chemical, biological and radiological aerosols.

  INSERT

  After Rough Handling, the Filter Sub-system must prevent penetration of greater than 3.0 x 10^{-5} at flow rate not less than 50 L/min for chemical, biological and radiological aerosols.

- Annex A, Acquisition Statement of Work, Appendix AA – System Requirements Specification, Page A-AA- 62/272 for JCG – SRS – 4818 line in the column Joint CBRN GSR System Requirements Specification (SRS).

  DELETE

  After Rough Handling, the Filter Sub-system should prevent penetration of greater than 3.0 x 10-5 at flow rate not less than 50 L/min for chemical, biological and radiological aerosols.

  INSERT

After Rough Handling, the Filter Sub-system should prevent penetration of greater than 3.0 x 10^{-5} at flow rate not less than 50 L/min for chemical, biological and radiological aerosols.

QUESTION 70:

Annex A
Section 2.4.1

Additionally, with respect to Para 2.4.1.c which references the Ventilated Respirator System (VRS) what are the implications for dual filter systems? Will there be a redesign of this system or is it expected that dual filter systems will be able to use the current VRS configuration?

ANSWER:

There is no longer a requirement relating to the VRS.

DELETE

c. Outline Drawings for Ventilated Respirator System NSN 4720-21-912-1965;

d. Outline Drawings for CAF Leak Tester NSN 4240-21-910-6916; and

e. Outline Drawings for CAF Respiratory Protection Test Kit (RPTK).

INSERT

c. Outline Drawings for CAF Leak Tester NSN 4240-21-910-6916; and

d. Outline Drawings for CAF Respiratory Protection Test Kit (RPTK).

QUESTION 71:

Annex A
Section 5.8.1.1

Section 5.8.1.1 of Annex A states “The Contractor must authorize the TA and technical experts of Canada's choosing to witness and access all tests and evaluations, including tests and evaluations conducted at independent facilities.” Is it the expectation of DND to have contractors repeat previous tests already conducted?

ANSWER:

Canada does not expect bidders to repeat tests that have already been conducted, unless there is an issue that requires a repeat of a test.

QUESTION 72:

Annex A
Section 5.10.1

Section 5.10.1 of Annex A states “The Contractor must follow formal Configuration Management (CM) processes in accordance with MIL-STD-3046.” Are other CM processes used by other NATO nations acceptable?

ANSWER:

Yes, other CM processes are acceptable if they are equivalent to Mil-Std-3046 and address the four main CM activities i.e. Identification, Control, Status Accounting and Audits and Reviews.

Sample acceptable standards are:

NATO ACMP 1 through 6; and

ANSI/EIA -649

QUESTION 73:

Annex A
Appendix AA
JCG-SRS-1440

JCG-SRS-1440 of Annex A, Appendix AA details requirements for the FIT test. For masks with protection factors exceeding 1 million, how will the TA determine this in view of most systems are incapable of determining protection factors above 1 million?

ANSWER:

For the purposes of the bid, protection past a PF of about 50,000 is irrelevant to pass/fail outcomes. Test methods are adequate for these values.

QUESTION 75:

Annex F
Appendix FD

JCG-SRS 4816

Annex F, Appendix FD, JCG-SRS 4816 states “When new, the Filter Sub-system must provide not less than 75 minutes of protection (End-Point Concentration not greater than 0.04 mg/m3) against chemical agent Sarin (GB)”

Which is further defined as:

“"Note: that Dimethyl Methylphosphonate (DMMP) may replace GB for this test. Starting with a new Filter Sub-system, out of its Individual Packaging, test using the Filter Sub-system Chemical Breakthrough Test under the following conditions: a. GB concentration of 4000 +200/-0 mg/m3; b. Flow rate of not less than 50 +/- 1 L/min; c. Temperature of 24 +/- 3 °C; d. Relative Humidity of 15 +/- 3%; and e. Pre-equilibration: none required. The Test Report is to be presented to Canada detailing the test procedure and results, including the ambient conditions that satisfy the time duration to exceed the End-Point Concentration of the agent. The report is to describe the statistical validity of the sample size to verify compliance”.

Please elaborate on the threshold and methodology with respect for statistical validity.

ANSWER:

Canada will not stipulate any statistical analysis method, Confidence level, Significance Level, Statistical Power, etc.

The Bidder is to provide information on its present capability and to present statistically valid results on the Filter Sub-system Chemical Breakthrough. As the product is COTS/MOTS the data to statistically validate any compliance claim should already exist.

QUESTION 76:

Annex F
Appendix FD
JCG - SRS – 4826

Annex F, Appendix FD, JCG - SRS – 4826, states “While the Respirator is worn, the Sun Glare Protection and the Laser Protection Accessories must be mountable and dismountable without tools by the Wearer without affecting protection” and is further defined “"The Bidder is to demonstrate before FCA completion that the Sun Glare and Laser Protection Accessories can be mounted and dismounted without tools. The Bidder is also to demonstrate the mounting and the dismounting of the Accessories without breaking the faceseal. The preservation of a good seal is to be demonstrated by performing a 1 minute QNFT activity consisting of 3 repetitions of mounting and dismounting of the Sun Glare or Laser Protection Accessories. If the mounting or un-mounting mechanisms are different for each Accessories, then both Accessories must be demonstrated. The Bidder Representative is given up to ten (10) tries to succeed in achieving five (5) times a QNFT FF of 10 000 for the activity."

Please articulate the documents that are required to demonstrate compliance.

ANSWER:

In this case, for bid evaluation, the bidder is to present the design features or construction features or both (e.g. the Sun Glare Protection attachments), that will let the user mount and unmount the protection without tools and without breaking the seal.

The compliance claim can refer training documentation on mounting or unmounting the Protection, it can also make use of technical drawings and results of previous tests.

QUESTION 77:

Annex F
Appendix FD
JCG - SRS – 3349

Annex F, Appendix FD, JCG - SRS – 3349, states “The Mask with one NATO thread Canister connected must pass System Integrity Method B.”

Additionally, "This requirement using the System Integrity (Method B) has to be completed before Functional Configuration Audit and witnessed by Canada. CAF Canister model C7A will be used to verify."

Please explain if this is required to be submitted at bid submission and if so the process to obtain CAF witness.

ANSWER:

This does not have to be submitted at bid submission but related information is to be provided as directed in CDRL and SOW.

QUESTION 78:

Annex F
Appendix FD
JCG - SRS – 318

Annex F, Appendix FD, JCG - SRS – 318 states “The Mask, connected to the Canteen Connector Accessory, must attach to the CAF Ultrasonic Cleaner for Mask cleaning”. Additionally, the SRS states “"3 or 4 Masks of various sizes will be connected to one side of the CAF Ultrasonic Cleaner. The number and sizes of Masks that can be located, per side, without excessive crowding will be documented”.

What is expected to be provided at the bid stage to demonstrate compliance at the bid stage?

ANSWER:

In this case, for bid evaluation, the bidder must present the design features and/or construction features such as, but not exclusively, user preparation of the mask for cleaning, details of attachments, bulk of mask in relation to space avail. The compliance claim could be supported by training materials or technical drawings.

QUESTION 79:

Annex F
Appendix FD
JCG-SRS-1318 and JCG-SRS-1045

Annex F Appendix FD JCG-SRS-1318 and JCG-SRS-1045 call for testing against CK. Please confirm the flow rate for both of these standards.

ANSWER:

Flow rate remains what it was in previous versions of the SRS released to industry, standardized at 50 L/min for all gas testing.

QUESTION 80:

Annex F
Appendix FD
JCG-SRS-4817 and JCG-SRS 4818

Annex F, Appendix FD JCG-SRS-4817 and JCG-SRS 4818 discuss flow rates. Please confirm 1.5g of aerosol.

ANSWER:

The stated value in JCG –SRS – 922, 4817, 2411 and 4818 should read as 250 mg instead of the 1.5 g.

Theses SRS statements will be amended as follows

Annex A, Acquisition Statement of Work, Appendix AA – System Requirements Specification, Page A-AA- 61/272, for JCG – SRS – 922 line in the column Joint CBRN GSR System Requirements Specification (SRS)

DELETE:

When new, the Filter Sub-system must prevent penetration of greater than 3.0 x 10-5 for chemical, biological and radiological aerosols at all times at flow rate not less than 50 L/min until 1.5 g of aerosol has collected on the Filter Sub-system.

INSERT:

When new, the Filter Sub-system must prevent penetration of greater than 3.0 x 10-5 for chemical, biological and radiological aerosols at all times at flow rate not less than 50 L/min until 250 mg of aerosol has collected on the Filter Sub-system.

Annex A, Acquisition Statement of Work, Appendix AA – System Requirements Specification, Page A-AA- 62/272, for JCG – SRS – 4817 line, in the column Joint CBRN GSR System Requirements Specification (SRS).

DELETE

When new, the Filter Sub-system should prevent penetration of greater than 3.0 x 10-5 for chemical, biological and radiological aerosols at all times at flow rate not less than 50 L/min until 1.5 g of aerosol has collected on the Filter Sub-system.

INSERT

When new, the Filter Sub-system should prevent penetration of greater than 3.0 x 10-5 for chemical, biological and radiological aerosols at all times at flow rate not less than 50 L/min until 250 mg of aerosol has collected on the Filter Sub-system.

JCG – SRS – 4817 line, in the column Success Criteria.

DELETE:

Starting with a new Filter Sub-system, out of its Individual Packaging, test using the Particulate Penetration Test under the same test conditions as JCG-SRS-922. These two statements are best verified in conjunction one being the extension of the other. Bidder is to achieve 3.0 x 10-5 at >50 L/min. Points will be awarded based on the Flow Rate and still maintaining the required penetration.

Flow Rate:

Minimum Points: 0 Points: <= 50 L/min

Maximum Points: >=100 L/min

Prorated Points between 50 L/min to 100 L/min:

Bidder's Points = (Bidder's Flow Rate - 50) * Max Points / (100 - 50)

The Test Report is to be presented to Canada detailing the test procedure and results, including the ambient conditions that satisfy the time duration to attain 1.5 g of aerosol collected. The report is to describe the statistical validity of the sample size to verify compliance. This test report can be combined with the one for the mandatory requirement JCG - SRS - 922.

INSERT

Starting with a new Filter Sub-system, out of its Individual Packaging, test using the Particulate Penetration Test under the same test conditions as JCG-SRS-922. These two statements are best verified in conjunction one being the extension of the other. Bidder is to achieve 3.0 x 10-5 at >50 L/min. Points will be awarded based on the Flow Rate and still maintaining the required penetration.

Flow Rate:

Minimum Points: 0 Points: <= 50 L/min

Maximum Points: >=100 L/min

Prorated Points between 50 L/min to 100 L/min:

Bidder's Points = (Bidder's Flow Rate - 50) * Max Points / (100 - 50)

The Test Report is to be presented to Canada detailing the test procedure and results, including the ambient conditions that satisfy the time duration to attain 250 mg of aerosol collected. The report is to describe the statistical validity of the sample size to verify compliance. This test report can be combined with the one for the mandatory requirement JCG - SRS - 922.

QUESTION 81:

Annex F
Appendix FG
JCG - SRS – 1094

Annex F Appendix FG, JCG - SRS – 1094 states “The Respirator must deliver intelligible voice communication at a distance of 2.7 metres, with an average Performance Rating not less than 0.85.” We strongly recommend the use of the Speech Transmission Index (STI) testing series in order to provide objective vice subjective test results. The STI is proven to be more quantifiable and reliable in previous respirator assessments.

ANSWER:

The Intelligibility Performance Rating will be measured using the NIOSH modified rhyme test TEB-CBRN-APR-STP-0313.

It should be noted that in the current RFP the Speech Average Performance Rating has been set to 0.80 and the distance to 3 metres.

QUESTION 84:

Appendix HA
Table 1, CLIN-6

Please specify a quantity for the purpose of evaluation? It is noted Annex B, CLIN 6 requires quantity break prices from qty 1 to qty 5000.

ANSWER:

Canada will amend Annex B, CLIN-6, Instructions as follows:

DELETE:

(IAW SOW 8.1.5 and SOW 9.6.9

Quantity to be determined at contract award.

Delivery due no later than 12 months following Contract Award date in conjunction with CLIN 1, First Delivery.

INSERT:

(IAW SOW 8.1.5 and SOW 9.6.9

Quantity to be determined at contract award. For bid evaluation purposes, quantity 3501 – 5000 will be used.

Delivery due no later than 12 months following Contract Award date in conjunction with CLIN 1, First Delivery.
