



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. 027
Client Reference No. - N° de référence du client W8476-155141	Date 2016-11-09
GETS Reference No. - N° de référence de SEAG PW-\$\$PV-867-71135	
File No. - N° de dossier pv896.W8476-155141	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-12-07	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Beach, Isabelle	Buyer Id - Id de l'acheteur pv896
Telephone No. - N° de téléphone (613) 867-0709 ()	FAX No. - N° de FAX (819) 956-3814
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

PWGSC
Joint CBRN GSR – RFP, Amendment 027

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

QUESTION 165:

Annex H – Appendix HA

Annex H appendix HA, in table 6 ISS OLIN-2, I think there may be an error. Table 6 is for years 9 to 10 but in the line OLIN 2 of table 6 it states extended price for year 3, year 4 and year 5.

Can you clarify if OLIN 2 should in fact state year 9 and year 10?

ANSWER:

You are correct. There is an error in Annex H, Appendix HA, Table 6, ISS-OLIN-2. ISS-OLIN-2 in Table 6 should indicate for years 9 and 10.

DELETE : Extended price calculate with Annex “E” ISS Contract Deliverables pricing list of extended price of delivery period Year 3 – qty 10,500 each, Year 4 – qty 10,500 each and Year 5 – qty 10,500 each

INSERT: Extended price calculate with Annex “E” ISS Contract Deliverables pricing list of extended price of delivery period Year 9 – qty 10,500 each and Year 10 – qty 10,500 each

QUESTION 166:

Amendment 025, Question 163

Following the last amendment, Industry noted that the following requirements were modified as a result of question 163 which we believe was not the intent of Amendment 25:

- SRS 1045 no longer requires rough handling in the instructions to bidder.
- SRS 1045 no longer requires 1 week of aging in unit pack in the instructions to bidder.
- Relative humidity was changed from dry to wet (80% RH before to 15% RH now). (the bidder probably wanted to say from wet to dry)
- Pre-equilibration is no longer required for SRS 1045.

As of now, the instructions to the bidder are the same for the as new CK testing under SRS 1318 and the Aged/RH CK testing under SRS 1045. Can you please reinstate in SRS-1045 :

- rough handling,
- pre-equilibration,
- one week aging in unit pack and
- relative humidity requirements.

All of these are important factors that must be tested and hence added back to SRS-1045.

ANSWER:

Thanks you for bringing to our attention the introduced errors for JCG – SRS – 1045

Therefore Canada replaces the answer for Question 163 in Amendment 025 with the following:

Canada understands that the pulsating flow is a more stringent test than linear flow. Moreover, some bidders may have completed the test using linear flow whereas others may have used pulsating flow. Therefore whilst the SRS statements remains the same Canada (within the "Verification Criteria", "Instructions to Bidders" and "Scoring Scheme") has created separate thresholds for linear flow and pulsating flow as follows:

In Annex A, Acquisition Statement of Work, Appendix AA - System Requirements Specification, page A-AA- 63/272 for JCG-SRS-1318:

DELETE:

The entire text at the specific line in the cell of the "Verification Criteria" column.

INSERT:

"Starting with a new Filter Sub-system, out of its Individual Packaging, test using the "Filter Sub-system Chemical Breakthrough Test" under one of the following condition sets:

Condition I – Constant flow:

- a) CK concentration of 4000 +200/-0 mg/m³;
- b) Constant flow rate of not less than 50 +/- 1 L/min, in which case not less than 10 minutes of protection is required;
- c) Temperature of 24 +/- 3 °C;
- d) Relative Humidity of 15 +/- 3%; and
- e) Pre-equilibration: none required.

Or

Condition II – Pulsating flow:

- a) CK concentration of 4000 +200/-0 mg/m³;
- b) Pulsating flow rate of 0.83 dm³/s (50 l/min) having a pulsating pattern characterized by 24 half sine waves of 2.08 dm³ each followed by an equal period of standstill, per minute, in which case not less than 7 minutes of protection is required;
- c) Temperature of 24 +/- 3 °C;
- d) Relative Humidity of 15 +/- 3%; and
- e) Pre-equilibration: none required.

For either condition, 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 also to describe the statistical validity of the sample size to verify compliance."

AND

In Annex A, Acquisition Statement of Work, Appendix AA - System Requirements Specification at page A-AA- 64/272 for JCG-SRS-1045:

DELETE:

The entire text at the specific line in the cell of the "Verification Criteria" column.

INSERT:

"Starting with a new Filter Sub-system, after ageing conditioning (temperature conditioning) while still in packaging in accordance with JCG - SRS - 1402 "Conditioning (Accelerated Ageing) of Filter Sub-system", the Canister is rough handled in accordance with JCG - SRS - 1445 "Rough Handling of Canister". It is then tested using the Filter Sub-system "Chemical Breakthrough Test" under one of the following condition sets:

Condition I – Constant flow:

- a) CK concentration of 4000 +200/-0 mg/m³;
- b) Constant flow rate of not less than 50 +/- 1 L/min, in which case not less than 10 minutes of protection is required;
- c) Temperature of 24 +/- 3 °C;
- d) Relative Humidity of 80 +/- 3%; and
- e) Pre-equilibration: To constant weight at RH 80% +/- 3%.

Or

Condition II – Pulsating flow:

- a) CK concentration of 4000 +200/-0 mg/m³;
- b) Pulsating flow rate of 0.83 dm³/s (50 l/min) having a pulsating pattern characterized by 24 half sine waves of 2.08 dm³ each followed by an equal period of standstill, per minute, in which case not less than 7 minutes of protection is required;
- c) Temperature of 24 +/- 3 °C;
- d) Relative Humidity of 80 +/- 3%; and
- e) Pre-equilibration: To constant weight at RH 80% +/- 3%.

For either condition, 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 also to describe the statistical validity of the sample size to verify compliance.”

AND

In Annex F - Appendix FD - Phase 2A and Phase 2B - Technical Paper Evaluation Compliance Matrix, for JCG-SRS-1318, line 23:

DELETE:

The entire text at the line 23 in the cell of the “Instructions to Bidder” column.

INSERT:

“Starting with a new Filter Sub-system, out of its Individual Packaging, test using the "Filter Sub-system Chemical Breakthrough Test" under one of the following condition sets:

Condition I – Constant flow:

- a) CK concentration of 4000 +200/-0 mg/m³;
- b) Constant flow rate of not less than 50 +/- 1 L/min, in which case not less than 10 minutes of protection is required;
- c) Temperature of 24 +/- 3 °C;
- d) Relative Humidity of 15 +/- 3%; and
- e) Pre-equilibration: none required.

Or

Condition II – Pulsating flow:

- a) CK concentration of 4000 +200/-0 mg/m³;
- b) Pulsating flow rate of 0.83 dm³/s (50 l/min) having a pulsating pattern characterized by 24 half sine waves of 2.08 dm³ each followed by an equal period of standstill, per minute, in which case not less than 7 minutes of protection is required;
- c) Temperature of 24 +/- 3 °C;
- d) Relative Humidity of 15 +/- 3%; and
- e) Pre-equilibration: none required.

For either condition, 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 also to describe the statistical validity of the sample size to verify compliance.”

AND

In Annex F - Appendix FD - Phase 2A and Phase 2B - Technical Paper Evaluation Compliance Matrix, for JCG-SRS-1045, line 24:

DELETE:

The entire text at line 24 in the cell of the “Instructions to Bidder” column.

INSERT:

“Starting with a new Filter Sub-system, after ageing conditioning (temperature conditioning) while still in packaging in accordance with JCG - SRS - 1402 “Conditioning (Accelerated Ageing) of Filter Sub-system”, the Canister is rough handled in accordance with JCG - SRS - 1445 “Rough Handling of Canister”. It is then tested using the Filter Sub-system “Chemical Breakthrough Test” under one of the following condition sets:

Condition I – Constant flow:

- a) CK concentration of 4000 +200/-0 mg/m³;
- b) Constant flow rate of not less than 50 +/- 1 L/min, in which case not less than 10 minutes of protection is required;
- c) Temperature of 24 +/- 3 °C;
- d) Relative Humidity of 80 +/- 3%; and
- e) Pre-equilibration: To constant weight at RH 80% +/- 3%.

Or

Condition II – Pulsating flow:

- a) CK concentration of 4000 +200/-0 mg/m³;
- b) Pulsating flow rate of 0.83 dm³/s (50 l/min) having a pulsating pattern characterized by 24 half sine waves of 2.08 dm³ each followed by an equal period of standstill, per minute, in which case not less than 7 minutes of protection is required;
- c) Temperature of 24 +/- 3 °C;
- d) Relative Humidity of 80 +/- 3%; and
- e) Pre-equilibration: To constant weight at RH 80% +/- 3%.

For either condition, 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 also to describe the statistical validity of the sample size to verify compliance.”

AND

In Annex A, Acquisition Statement of Work, Appendix AA - System Requirements Specification, at page A-AA- 64/272 for JCG-SRS-4819

DELETE:

The entire text at the specific line in the cell of the “Verification Criteria” column.

INSERT:

"This test can be performed in conjunction with JCG - SRS - 1318. Using the same test procedure, the same choice of conditions sets (Condition I – Constant flow, or Condition II – Pulsating flow), as described in JCG - SRS – 1318, the Bidder is to prove protection lasting more than 10 minutes and up to at least 60 minutes in the case of Constant flow; or prove protection lasting more than 7 minutes and up to at least 42 minutes in the case of Pulsating flow.

Points will be awarded after normalisation. In the case where Condition I – Constant flow was used, then the awarded points will be:

Breakthrough Time 10 to 60 minutes

Minimum Points: 0 Points: <= 10 min

Maximum Points:>=60 min

Prorated Points between 10 min to 60 min:

Bidder's Points = (Bidder's Breakthrough Time - 10) * Max Points / (60 - 10).

In the case where Condition II – Pulsating flow was used, then the awarded points will be:

Breakthrough Time 7 to 42 minutes

Minimum Points: 0 Points: <= 7 min

Maximum Points:>=42 min

Prorated Points between 7 min to 42 min:

Bidder's Points = (Bidder's Breakthrough Time - 7) * Max Points / (42 - 7).

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. This test report can be combined with requirement JCG - SRS - 1318."

AND

In Annex A, Acquisition Statement of Work, Appendix AA - System Requirements Specification, at page A-AA- 65/272 for JCG-SRS-4820:

DELETE:

The entire text in "Verification Criteria" column.

INSERT:

"This test can be performed in conjunction with JCG - SRS - 1045. Using the same test procedure, the same choice of conditions sets (Condition I – Constant flow, or Condition II – Pulsating flow), ageing and rough handling as described in JCG - SRS - 1045, the Bidder is to prove protection lasting more than 10 minutes and up to at least 60 minutes in the case of Constant flow; and prove protection lasting more than 7 minutes and up to at least 42 minutes in the case of Pulsating flow.

Points will be awarded after normalisation, in the case where Condition I – Constant flow was used, then the awarded points will be:

Breakthrough Time 10 to 60 minutes

Minimum Points: 0 Points: <= 10 min

Maximum Points:>=60 min

Prorated Points between 10 min to 60 min:

Bidder's Points = (Bidder's Breakthrough Time - 10) * Max Points / (60 - 10).

In the case where Condition II – Pulsating flow was used, then the awarded points will be:

Breakthrough Time 7 to 42 minutes

Minimum Points: 0 Points: <= 7 min

Maximum Points:>=42 min

Prorated Points between 7 min to 42 min:

Bidder's Points = (Bidder's Breakthrough Time - 7) * Max Points / (42 - 7).

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. This test report can be combined with requirement JCG - SRS - 1045."

AND

In Annex F - Appendix FD - Phase 2A and Phase 2B - Technical Paper Evaluation Compliance Matrix, for JCG-SRS-4819

DELETE:

The entire text at line 76 in the cell of the "Instructions to Bidder" column.

INSERT:

"This test can be performed in conjunction with JCG - SRS - 1318. Using the same test procedure, the same choice of conditions sets (Condition I – Constant flow, or Condition II – Pulsating flow), the Bidder is to prove protection lasting more than 10 minutes and up to at least 60 minutes in the case of Constant flow; or prove protection lasting more than 7 minutes and up to at least 42 minutes in the case of Pulsating flow

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. This test report can be combined with requirement JCG - SRS - 1318."

ALSO

DELETE:

The entire text at line 76 in the cell of the sub-column "Status".

INSERT:

"If "Condition I – Constant flow" was used:

Breakthrough Time 10 to 60 minutes

Minimum Points: 0 Points: <= 10 min

Maximum Points:>=60 min

Prorated Points between 10 min to 60 min:

Bidder's Points = (Bidder's Breakthrough Time - 10) * Max Points / (60 - 10).

If "Condition II – Pulsating flow" was used:

Breakthrough Time 7 to 42 minutes

Minimum Points: 0 Points: <= 7 min

Maximum Points:>=42 min

Prorated Points between 7 min to 42 min:

Bidder's Points = (Bidder's Breakthrough Time - 7) * Max Points / (42 - 7)."

AND

In Annex F - Appendix FD - Phase 2A and Phase 2B - Technical Paper Evaluation Compliance Matrix, for JCG-SRS-4820

DELETE:

The entire text at line 77 in the cell of the column "Instructions to Bidder"

INSERT:

"This test can be performed in conjunction with JCG - SRS - 1045. Using the same test procedure, the same choice of conditions sets (Condition I – Constant flow, or Condition II – Pulsating flow), ageing and rough handling as described in JCG - SRS - 1045, the Bidder is to prove protection lasting more than 10 minutes and up to at least 60 minutes in the case of Constant flow; and prove protection lasting more than 7 minutes and up to at least 42 minutes in the case of Pulsating flow

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. This test report can be combined with requirement JCG - SRS - 1045.”

ALSO

DELETE:

The entire text at line 77 in the cell of the column “Scoring Scheme”, sub-column “Status”.

INSERT:

“If “Condition I – Constant flow” was used:

Breakthrough Time 10 to 60 minutes

Minimum Points:

0 Points: ≤ 10 min

Maximum Points: ≥ 60 min

Prorated Points between 10 min and 60 min:

Bidder's Points = $(\text{Bidder's Breakthrough Time} - 10) * \text{Max Points} / (60 - 10)$.

If “Condition II – Pulsating flow” was used:

Breakthrough Time 7 to 42 minutes

Minimum Points:

0 Points: ≤ 7 min

Maximum Points: ≥ 42 min

Prorated Points between 7 min and 42 min:

Bidder's Points = $(\text{Bidder's Breakthrough Time} - 7) * \text{Max Points} / (42 - 7)$.”
