

RETURN BIDS TO:
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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

Revision to a Request for a Standing Offer
Révision à une demande d'offre à commandes

National Individual Standing Offer (NISO)
Offre à commandes individuelle nationale (OCIN)

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
Electrical & Electronics Products Division
11 Laurier St./11, rue Laurier
7B3, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

Title - Sujet NISO - SCBA Self-Contained Brthg Ap	
Solicitation No. - N° de l'invitation W8486-151745/A	Date 2015-02-26
Client Reference No. - N° de référence du client W8486-151745	Amendment No. - N° modif. 001
File No. - N° de dossier hn333.W8486-151745	CCC No./N° CCC - FMS No./N° VME
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-333-66864	
Date of Original Request for Standing Offer Date de la demande de l'offre à commandes originale 2015-02-25	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-04-09	
Address Enquiries to: - Adresser toutes questions à: Chow, Mejuine	Buyer Id - Id de l'acheteur hn333
Telephone No. - N° de téléphone (819) 956-6283 ()	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		

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This amendment is raised to replace the RFP document in its entirety with the following.

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PART 1 - GENERAL INFORMATION

1. Introduction

The Request for Standing Offers (RFSO) is divided into seven parts plus attachments and annexes, as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Offeror Instructions: provides the instructions applicable to the clauses and conditions of the RFSO;
- Part 3 Offer Preparation Instructions: provides Offerors with instructions on how to prepare their offer to address the evaluation criteria specified;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the offer, and the basis of selection;
- Part 5 Certifications: includes the certifications to be provided;
- Part 6 Security, Financial and Insurance Requirements: includes specific requirements that must be addressed by Offerors; and
- Part 7 7A, Standing Offer, and 7B, Resulting Contract Clauses:
- 7A, includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions;
- 7B, includes the clauses and conditions which will apply to any contract resulting from a call-up made pursuant to the Standing Offer.

The Annexes include the Requirement, the Basis of Pricing, and any other annexes.

2. Summary

The requirement is to establish one (1) National Individual Standing Offer(s) (NISO) for the supply and delivery to the Department of National Defence (DND) nationwide of Self Contained Breathing Apparatus kits, on an as-and-when-required basis, as well as associated equipment and training.

The duration of the Standing Offer (SO) is for a period of three (3) years from date of issuance, with two (2) additional one-year options.

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

As per the Integrity Provisions under section 01 of Standard Instructions [2006](#), offerors must provide a list of all owners and/or Directors and other associated information as required. Refer to section [4.21](#) of the Supply Manual for additional information on the Integrity Provisions.

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3. Security Requirements

There is no security requirement associated with this Standing Offer.

4. Debriefings

Offerors may request a debriefing on the results of the request for standing offers process. Offerors should make the request to the Standing Offer Authority within 15 working days of receipt of the results of the request for standing offers process. The debriefing may be in writing, by telephone or in person.

PART 2 - OFFEROR INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the Request for Standing Offers (RFSO) by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Offerors who submit an offer agree to be bound by the instructions, clauses and conditions of the RFSO and accept the clauses and conditions of the Standing Offer and resulting contract(s).

The [2006](#) (2014-09-25) Standard Instructions - Request for Standing Offers - Goods - Competitive Requirements, are incorporated by reference into and form part of the RFSO.

Subsection 5.4 of [2006](#), Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days

Insert: hundred and twenty (120) days

1.1 SACC Manual Clauses

Reference	Section	Date
M9033T	Financial Capability	2011-05-16
M1004T	Condition of Material	2011-05-16

2. Submission of Offers

Offers must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the Request for Standing Offers.

Due to the nature of the Request for Standing Offers, transmission of offers by facsimile to PWGSC will not be accepted.

3. Enquiries - Request for Standing Offers

All enquiries must be submitted in writing to the Standing Offer Authority no later than ten (10) calendar days before the Request for Standing Offers (RFSO) closing date. Enquiries received after that time may not be answered.

Offerors should reference as accurately as possible the numbered item of the RFSO to which the enquiry relates. Care should be taken by Offerors to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that Offerors do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Offerors. Enquiries not submitted in a form that can be distributed to all Offerors may not be answered by Canada.

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4. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Offerors may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their offer, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Offerors.

PART 3 - OFFER PREPARATION INSTRUCTIONS

1. Offer Preparation Instructions

Canada requests that Offerors provide their offer in separately bound sections as follows:

Section I: Technical Offer (2 hard copies & 2 soft copies)
Section II: Financial Offer (1 hard copy and 1 soft copy)
Section III: Certifications (1 hard copy)
Section IV: Additional Information

If there is a discrepancy between the wording of the soft copy and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

Prices must appear in the financial offer only. No prices must be indicated in any other section of the offer.

Canada requests that Offerors follow the format instructions described below in the preparation of their offer.

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to that of the Request for Standing Offers.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, Offerors should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Offer

In their technical offer, Offerors should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work described in Annex A – See Annex D for evaluation table.

Section II: Financial Offer

Offerors must submit their financial offer in accordance with Annex E - Basis of Pricing. The total amount of Applicable Taxes must be shown separately.

1.1 Exchange Rate Fluctuation

1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form [PWGSC-TPSGC 450](#), Claim for Exchange Rate Adjustments with its bid, indicating the Foreign

Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.

2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).
4. At time of bidding, the Bidder must complete columns (1) to (4) on form [PWGSC-TPSGC 450](#), for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
5. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

Section III: Certifications

Offerors must submit the certifications required under Part 5.

Section IV: Additional Information

1.2 Offeror Contacts

Name and telephone number of the person responsible for:

Call-ups

Name: _____
Telephone: _____
Facsimile: _____
E-mail: _____

Delivery follow-up

Name: _____
Telephone: _____
Facsimile: _____
E-mail: _____

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

- (a) Offers will be assessed in accordance with the entire requirement of the Request for Standing Offer including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the offers.

Evaluation Criteria

All offers must be completed in full and provide all of the information requested in the RFSO document to enable full and complete evaluation.

Mandatory Technical and Financial Criteria Requirements

Technical and financial Offer submission review will be against mandatory evaluation criteria. This will determine responsive proposals for further evaluation or non-responsive proposals which will be given no further consideration.

1.1 Technical Evaluation

1.1.1 Mandatory Technical Criteria

The following Mandatory technical criteria must be submitted with the offer for evaluation:

- Technical Compliance to Annex D - Technical Bid Evaluation.

Offers not meeting all the mandatory requirements will be given no further consideration.

1.2 Financial Evaluation

1.2.1 Pricing Basis

The Offeror must quote firm unit prices in Canadian dollars, DDP Delivered Duty Paid (DND locations), Applicable Taxes extra and Freight charges to destination and all applicable Custom duties and Excise taxes must be included.

1.2.2 Evaluated Price

For Offers declared technically responsive, the Offer Price will be calculated as follows:

Step 1 Calculate the average price over the five year period for each "Unit Price Per Quantity"; and

Step 2 Sum all the average unit prices obtained in Step 1.

The Average Unit Price per item is for evaluation purposes only. However, the proposed firm unit prices in **Annex E, Basis of Pricing** will form the Basis of Payment for any resulting standing offer.

Prices submitted for the recommended parts list will be excluded from the evaluated price.

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2 Basis of Selection

An offer must comply with the requirements of the Request For Standing Offer (RFSO) and meet all mandatory technical evaluation criteria to be declared responsive. The responsive offer with the lowest evaluated price will be recommended for issuance of a Standing Offer.

PART 5 – CERTIFICATIONS & FINANCIAL REQUIREMENTS

Offerors must provide the required certifications and associated information to be issued a standing offer.

The certifications provided by Offerors to Canada are subject to verification by Canada at all times. Canada will declare an offer non-responsive, will have the right to set-aside a standing offer, or will declare a contractor in default in carrying out any of its obligations under any resulting contracts, if any certification made by the Offeror is found to be untrue whether made knowingly or unknowingly during the offer evaluation period, during the Standing Offer period, or during the contract period.

The Standing Offer Authority will have the right to ask for additional information to verify the Offeror's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Standing Offer Authority may render the Offer non-responsive, may result in the setting aside of the Standing Offer or constitute a default under the Contract.

1. Mandatory Certifications Required Precedent to Issuance of a Standing Offer

1.1 Code of Conduct and Certifications – Related Documentation

By submitting an offer, the Offeror certifies that the Offeror and its Affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Offer of Standard Instructions [2006](#). The related documentation therein required will assist Canada in confirming that the certifications are true.

1.2 Federal Contractors Program for Employment Equity - Standing Offer Certification

By submitting an offer, the Offeror certifies that the Offeror, and any of the Offeror's members if the Offeror is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](#)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Employment and Social Development Canada-Labour's](#) website.

Canada will have the right to declare an offer non-responsive, or to set-aside a Standing Offer, if the Offeror, or any member of the Offeror if the Offeror is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of issuing of a Standing Offer or during the period of the Standing Offer.

1.3 General Environmental Criteria Certification

By submitting the offer, the Offeror certifies that the information submitted in the General Environmental Criteria found at table 1 is accurate and complete.

By submitting the offer the Offeror certifies that it meets, and will continue to meet throughout the duration of any resulting standing offer, a minimum of four out of seven requirements identified in the General Environmental Criteria Table found at table 1;

Additional Information

The Offeror must complete table 1 by inserting a checkmark next to every criteria that are met. Offeror are requested to submit table 1 with their offer. As this is a new procedure, Canada reserves the right to request table 1 after the closing date. The Standing Offer Authority will inform the Offeror of a time frame within which to provide it. Failure to provide table 1 within the required time frame will render the offer non-responsive.

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The Contractor must meet and continue to meet four out of seven criterions during the entire duration of the contract.

Table 1

Green practices within supplier's organization:	Insert a checkmark for each criteria that is met
Promotes a paperless environment through directives, procedures and/or programs.	
All documents are printed double sided and in black and white for day to day business activity unless otherwise specified by your client.	
Paper used for day to day business activity has a minimum of 30% recycled content and has a sustainable forestry management certification.	
Utilizes environmentally preferable inks and purchase remanufactured ink cartridges or ink cartridges that can be returned to the manufacturer for reuse and recycling for day to day business activity.	
Recycling bins for paper, newsprint, plastic and aluminum containers available and emptied regularly in accordance with local recycling program.	
A minimum of 50% of office equipment has an energy efficient certification.	
Registered to ISO 14001 or has an equivalent environmental management system in place	

2. Financial Capability

SACC Manual clause M9033T (2011-05-16) Financial Capability

PART 6 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

A. STANDING OFFER

1 Offer

This National Individual Standing Offer(s) (NISO) is for the supply and delivery to the Department of National Defence (DND) nationwide of Self Contained Breathing Apparatus kits, on an as-and-when-required basis, as well as associated equipment and training.

The Offeror offers to fulfill the requirement in accordance with the requirement at Annex A.

2. Security Requirements

There is no security requirement applicable to this Standing Offer.

3. Standard Clauses and Conditions

All clauses and conditions identified in the Standing Offer and resulting contract(s) by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

3.1 General Conditions

2005 (2014-09-25) General Conditions - Standing Offers – Goods, apply to and form part of the Standing Offer.

3.2 Standing Offers Reporting

The Offeror must compile and maintain records on its provision of goods, services or both to the federal government under contracts resulting from the Standing Offer. This data must include all purchases, including those paid for by a Government of Canada Acquisition Card.

The Offeror must provide data in accordance with the reporting requirements detailed in Annex F. If some data is not available, the reason must be indicated. If no goods or services are provided during a given period, the Offeror must still provide a "nil" report.

The quarterly reporting periods are defined as follows:

- 1) 1st quarter: April 1 to June 30;
- 2) 2nd quarter: July 1 to September 30;
- 3) 3rd quarter: October 1 to December 31;
- 4) 4th quarter: January 1 to March 31.

The data must be submitted on a quarterly basis to the Standing Offer Authority no later than fifteen (15) calendar days after the end of the reporting period.

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4. Term of Standing Offer

4.1 Period of the Standing Offer

The period for making call-ups against the Standing Offer is from _____ to _____.

4.2 Extension of Standing Offer

If the Standing Offer is authorized for use beyond the initial period, the Offeror offers to extend its offer for an additional two (2) one-year period, under the same conditions and at the rates or prices specified in the Standing Offer, or at the rates or prices calculated in accordance with the formula specified in the Standing Offer.

The Offeror will be advised of the decision to authorize the use of the Standing Offer for an extended period by the Standing Offer Authority before the expiry date of the Standing Offer. A revision to the Standing Offer will be issued by the Standing Offer Authority.

5. Authorities

5.1 Standing Offer Authority

The Standing Offer Authority is:

Mejuine Chow
Public Works and Government Services Canada - Acquisitions Branch
Logistics, Electrical, Fuel and Transportation Directorate - HN Division
7B3, Place du Portage, Phase III,
11 Laurier Street
Gatineau (QC) K1A 0S5
Telephone: (819) 956-6283 Facsimile: (819) 953-4944
E-mail address: mejuine.chow@pwgsc-tpsgc.gc.ca

The Standing Offer Authority is responsible for the establishment of the Standing Offer, its administration and its revision, if applicable. Upon the making of a call-up, as Standing Offer Authority, he is responsible for any contractual issues relating to individual call-ups made against the Standing Offer by any Identified User.

5.2 Procurement Authority

The Procurement Authority for the Standing Offer is:

Name: will be inserted at issuance of Standing Offer
Title: will be inserted at issuance of Standing Offer
Telephone: (xxx) xxx-xxxx
Facsimile: (xxx) xxx-xxxx
E-mail: will be inserted at issuance of Standing Offer

The Procurement Authority named above is the representative of the department or agency for whom the Work is being carried out under the Standing Offer (SO) and is responsible for all matters concerning the technical content of the Work under the SO. Technical matters may be discussed with the Procurement Authority; however the Procurement Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through an amendment issued by the Standing Offer Authority.

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5.3 Technical Authority

The Project Authority for the Standing Offer is identified in the call-up against the Standing Offer.

The Project Authority is the representative of the department or agency for whom the Work will be carried out pursuant to a call-up against the Standing Offer and is responsible for all the technical content of the Work under the resulting Contract.

5.4 Offeror's Representative

Name and telephone number of the person responsible for :

Call-ups: (will be inserted at issuance of standing offer)

Name:
Title:
Telephone: (xxx) xxx-xxxx Facsimile: (xxx) xxx-xxxx
E-mail:

Delivery follow-up will be inserted at standing offer

Name:
Title:
Telephone: (xxx) xxx-xxxx Facsimile: (xxx) xxx-xxxx
E-mail:

6. Identified Users

The Identified User authorized to make call-ups against the Standing Offer is the Department of National Defence.

7. Call-up Procedures

The identified User authorized must contact _____ to process the call-up.

8. Call-up Instrument

The Requirement will be authorized or confirmed by the Identified User(s) using form PWGSC-TPSGC 942, Call-up Against a Standing Offer.

9. Limitation of Call-ups

Individual call-ups against the Standing Offer must not exceed \$400,000.00. (Applicable Taxes included).

Individual call-ups over \$400,000.00 and under \$1,000,000.00 must be submitted to the Standing Offer Authority for authorization and a request will be made to the Offeror for a potential volume discount.

Individual requirements exceeding the amounts of \$1,000,000.00 will be submitted to PWGSC in a funded requisition for processing as a separate requirement.

Requirements must not be broken into a number of call-ups for the purpose of requisitioning pursuant to the standing offer.

10. Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- a) the call up against the Standing Offer, including any annexes;
- b) the articles of the Standing Offer;
- c) the general conditions 2005 (2014-09-25), General Conditions - Standing Offers – Goods;
- d) the general conditions 2010A (2014-11-27) General Conditions – Goods (Medium Complexity)
- e) Annex A, Requirement;
- f) Annex B, First Call-up Deliverables;
- g) Annex C, Individual Call-up Deliverables;
- h) Annex E, Basis of Pricing;
- i) the Offeror's offer dated _____ (*date of offer*), as clarified/amended on _____ (*if applicable*).

11. Certifications

Compliance

The continuous compliance with the certifications provided by the Offeror with its offer and the ongoing cooperation in providing associated information are conditions of issuance of the Standing Offer (SO). Certifications are subject to verification by Canada during the entire period of the SO and of any resulting contract that would continue beyond the period of the SO. If the Offeror does not comply with any certification, fails to provide the associated information, or if it is determined that any certification made by the Offeror in its offer is untrue, whether made knowingly or unknowingly, Canada has the right to terminate any resulting contract for default and set aside the Standing Offer.

12. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in _____. (*Insert the name of the province or territory as specified in offer, if applicable*).

B. RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from a call-up against the Standing Offer.

1. Statement of Work

The Contractor must provide the items detailed in the call-up against the Standing Offer.

2. Standard Clauses and Conditions

2.1 General Conditions

[2010A](#) (2014-11-27), General Conditions - Goods (Medium Complexity) apply to and form part of the Contract.

2.2 SACC Manual Clauses

SACC Reference	Section	Date
B1501C	Electrical Equipment	2006-06-16
B7500C	Excess Goods	2006-06-16

3. Term of Contract

3.1 Delivery Date

Delivery must be made within _____ calendar days from receipt of a call-up against the Standing Offer.

3.2 SACC Manual Clauses

SACC Reference	Section	Date
A9006C	Defence Contract	2012-07-16
C2800C	Priority Rating	2013-01-28
C2801C	Priority Rating - Canadian Contractors	2014-11-27

4. Payment

4.1 Basis of Payment

In consideration of the Contractor satisfactorily completing its obligations under the Contract, the Contractor will be paid a firm unit price specified in Annex E – Basis of Payment, in Canadian funds, DDP Incoterms® 2000. Applicable Taxes are extra. Transportation charges to destination and all applicable customs duties and excise tax are included.

4.2 Limitation of Price

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

4.3 Limitation of Expenditure

1. Canada's total liability to the Contractor under the Contract must not exceed \$ _____. Transportation charges to destination and all applicable Customs Duties and Excise Tax are included and Applicable Taxes extra.
2. No increase in the total liability of Canada or in the price of the Work resulting from any design changes, modifications or interpretations of the Work, will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been approved, in writing, by the Standing Offer Authority before their incorporation into the Work. The Contractor must not perform any work or provide any service that would result in Canada's total liability being exceeded before obtaining the written approval of the Standing Offer Authority. The Contractor must notify the Standing Offer Authority in writing as to the adequacy of this sum:
 - a. when it is 75 percent committed, or
 - b. four (4) months before the contract expiry date, or
 - c. as soon as the Contractor considers that the contract funds provided are inadequate for the completion of the Work,whichever comes first.
3. If the notification is for inadequate contract funds, the Contractor must provide to the Standing Offer Authority a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

4.4 SACC Manual Clauses

SACC Reference	Section	Date
H1000C	Single Payment	2008-05-12
H1001C	Multiple Payments	2008-05-12
G1005C	Insurance	2008-05-12

4.5 Exchange Rate/Payment on Delivery

1. The price in Canadian currency includes the foreign currency component in respect of goods, services or both originating outside Canada, as detailed in Annex G of form PWGSC-TPSGC 9411, Claim for Exchange Rate Adjustments.
2. The price must be adjusted to reflect the exchange rate in effect and applied by Canada Border Services Agency (CBSA) on the date of importation, but only in respect of the foreign currency component detailed in the above form.
3. No price adjustment directly resulting from the application of the provisions contained in this clause will be applied for increases or decreases in the exchange rate within a variation of: plus or minus 2 percent of the exchange rate(s) mentioned above; or plus or minus \$100 of the total cumulative amount claimed for exchange rate adjustment under the Contract.
4. On each invoice or claim for payment submitted under the Contract, the Contractor must indicate the exchange rate adjustment amount (either upward, downward or no change) as a separate

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W8486-151745/A
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W8486-151745

Amd. No. - N° de la modif.
File No. - N° du dossier
W8486-151745

Buyer ID - Id de l'acheteur
HN333
CCC No./N° CCC - FMS No./N° VME

item. In addition, the invoice must be accompanied by a copy of CBSA Form B3-3, Canada Customs Coding Form, for the imported goods, services or both.

5. Canada will have the right to audit any revision to costs and prices under this clause.

5. Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
 - (a) as per the detailed instructions in the standing offer; or
 - (b) the address shown in the "ship to block" on the Call-up Against a Standing Offer form; or
 - (c) as indicated in the "special instructions" block on the Call-up Against a Standing Offer form.

The original and one (1) copy must be forwarded to the consignee for certification and payment.

6. SACC Manual Clauses

SACC Reference	Section	Date
A1009C	Work Site Access	2008-05-12
D5540C	ISO 9001:2008 Quality Management Systems - Requirements (Quality Assurance Code Q) – for first call-up	2010-08-16
D5545C	ISO 9001:2008 - Quality Management Systems - Requirements (Quality Assurance Code C) – for subsequent call-ups	2010-08-16
D5510C	Quality Assurance Authority (Department of National Defence) - Canadian-based Contractor	2014-06-26
D5515C	Quality Assurance Authority (Department of National Defence) - Foreign-based and United States Contractor	2010-01-11
D5606C	Release Documents (Department of National Defence) - Canadian-based Contractor	2012-07-16
D5605C	Release Documents (Department of National Defence) - United States-based Contractor	2010-01-11
D5604C	Release Documents (Department of National Defence) - Foreign-based Contractor	2008-12-12

6.1 NATO Commercial and Government Entity Code (NCAGE) Traceability

Material supplied for the items specified in this contract is subject to investigation by Canada. Material which can neither be demonstrated by the contractor as having originated directly from the NCAGE specified for the item in this contract, nor as supplied with the specific written permission of this specified NCAGE, are subject to the following action by Canada.

Canada may either:

- (a) terminate the contract for default with respect to that item, return the item to the Contractor at the Contractor's risk and expense, and demand and receive from the Contractor (who shall forthwith so pay) all procurement and other costs incurred by Canada, including any increased costs required for the purpose of expediting production;
or
- (b) retain the item, and demand and receive from the Contractor (who shall forthwith so pay) the difference between the Contractor's costs relating to the item, as determined by Canada, and the costs which, in Canada's opinion, the Contractor would have incurred had it obtained and supplied an item which did not differ in any way from that specifically required under the contract.

6.2 Release Documents – Distribution – for first call-up

The Contractor must prepare the release documents in a current electronic format and distribute them as follows:

- a. One (1) copy mailed to consignee marked: "Attention: Receipts Officer";
- b. Two (2) copies with shipment (in a waterproof envelope) to the consignee;
- c. One (1) copy to the Standing Offer Authority;
- d. One (1) copy to:
National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A OK2
Attention: _____
- e. One (1) copy to the Quality Assurance Representative;
- f. One (1) copy to the Contractor; and
- g. For all non-Canadian contractors, one (1) copy to:
DQA/Contract Administration
National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A OK2
E-mail: ContractAdmin.DQA@forces.gc.ca.

7. SACC Manual Clauses (Delivery)

SACC Reference	Section	Date
D2000C	Marking	2007-11-30
D2001C	Labelling	2007-11-30
D6010C	Palletization	2007-11-30
D2025C	Wood Packaging Materials	2013-11-06
D3010C	Dangerous Goods/Hazardous Products	2014-06-26
B1505C	Shipment of Hazardous Material	2006-06-16
D9002C	Incomplete Assemblies	2007-11-30

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File No. - N° du dossier
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8. Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and Delivered Duty Paid (DDP) (DND Destination indicated in Call-up), Incoterms 2000 for shipments from a commercial contractor.

8.1 Preparation for Delivery

The Contractor must prepare kit for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification D-LM-008-036/SF-000, DND Minimum Requirements for Manufacturer's Standard Pack.

The Contractor must package items in quantities of 1 kit per package.

8.2 Shipping - Scheduling

The Contractor must deliver the goods to Canadian Forces (CF) Supply Depots by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the Depot Traffic Section at the appropriate location shown below. The consignee may refuse shipments when prior arrangements have not been made.

25 CF Supply Depot Montreal
Montreal, Qué.
Telephone: 1-866-935-8673 (toll free), or
514-252-2777, ext. 2363 / 4673 / 4282

ANNEX A
REQUIREMENT
FOR
SELF-CONTAINED BREATHING APPARATUS

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1.0 SCOPE

1.1 Purpose

- 1.1.1 This Statement of Work (SOW) describes the requirement for an open-circuit Self-Contained Breathing Apparatus (SCBA) for the Department of National Defence (DND).

1.2 Intended use

- 1.2.1 The SCBA is intended to be used to protect users against oxygen deficiency, dust and gases in firefighting and rescue operations for DND.

1.3 Acronyms and Abbreviations

CBRN	Chemical, Biological, Radiological, and Nuclear
CD	Compact Disc
CFAD	Canadian Forces Ammunition Depot
CFB	Canadian Forces Base
COTS	Commercial Off-The-Shelf
DND	Department of National Defence
DOT	Department of Transportation
DVD	Digital Versatile Disc
EBSS	Emergency Breathing Safety System
FCC	Federal Communications Commission
FCU	First Call Up Unit
FSPR	First Stage Pressure Regulator
I-HUD	Internal Heads-Up Display
ILS	Integrated Logistic Support
IPASS	Integrated Personal Alert Safety System
IPL	Illustrated Parts List
LPM	Liters per Minute
MMR	Mask Mounted Regulator
NATO	North Atlantic Treaty Organization
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NSN	NATO Stock Number
O&M	Operations and Maintenance (manual)
OEM	Original Equipment Manufacturer
PASS	Personal Alert Safety System
PC	Personal Computer
PRK	Portable Rescue Kit
PSIG	Pounds per Square Inch-Gauge
RFI	Radio Frequency Interference
RIC UAC	Rapid Intervention Crew Universal Air Connection
RIT-PRK	Rapid Intervention Team – Portable Rescue Kit
RK	Rescue Kit
SCBA	Self-Contained Breathing Apparatus
SCBA kit	SCBA with components as defined in this document
SOW	Statement of Work
TA	Technical Authority
TC	Transport Canada
USB	Universal Serial Bus

2.0 APPLICABLE DOCUMENTS

2.1 Applicability

2.1.1 The following documents of the exact issue and revision form part of this document to the extent specified herein.

2.1.1.1 Where no exact issue or revision is indicated the latest issue in effect at the release of this document shall be used.

2.2 Order of Precedence

2.2.1 In the event of conflict between the content of this SOW and the referenced documents, the content of this SOW shall take precedence.

2.2.2 Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

2.3 Standards and Specifications

IDENTIFYING NUMBER	DOCUMENT TITLE
NIOSH 42 CFR 84, subpart H	National Institute for Occupational Safety and Health (NIOSH) of the U.S. Department of Health and Human Services
NFPA 1981 (2013 Edition)	Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services
NFPA 1982 (2013 Edition)	Standard on Personal Alert Safety Systems (PASS)
FCC part 15 and part 90	Federal Communications Commission (FCC) part 15 and part 90
DOT-SP 10915-4500	DOT specifications for pressure vessels
D-80-001-055/SF-001	Specification for Label, Clothing and Equipment

3.0 REQUIREMENTS

3.1 General

3.1.1 The Self-Contained Breathing Apparatus (SCBA) kit shall be a unified system of standard equipment available as a Commercial Off-The-Shelf (COTS) technology.

3.1.2 The SCBA kit and all of its standard and optional components shall be designed, integrated, tested and approved by the Original Equipment Manufacturer (OEM) to work together as a system.

3.1.3 The SCBA kit and all of its components shall be approved by the National Institute for Occupational Safety and Health (NIOSH), under all the applicable requirements of 42 CFR, Part 84 for Chemical, Biological, Radiological, and Nuclear protection (CBRN) with a minimum 60-minute-rated service life.

3.1.4 The SCBA kit and all of its components shall be certified to all requirements of the National Fire Protection Association's (NFPA) 2013 Edition of NFPA-1981 Standard on Open-Circuit SCBA.

3.1.5 The integrated Personal Alert Safety System (PASS) device shall comply with all the requirements of the 2013 edition of NFPA-1982 Standard on Personal Alert Safety Systems.

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- 3.1.6 Any wireless portion of the SCBA kit shall meet the minimum requirements of FCC part 15 and part 90.
- 3.1.7 Every SCBA kit shall include test documentation indicating it has passed a quality control inspection including leak test, flow test and any other test or inspection it has undergone.
- 3.2 Technical Requirements
- 3.2.1 The SCBA kit shall consist of the following items:
- i. Harness and Back-Frame Assembly;
 - ii. Cylinder with Valve Assembly (quick-connect type);
 - iii. First Stage Pressure Regulator (FSPR);
 - iv. Full Facepiece Assembly (medium size) with Integrated Head Up Display (I-HUD);
 - v. Mask-Mounted Regulator (MMR);
 - vi. Integrated Personal Alert Safety System (IPASS);
 - vii. Rapid Intervention Crew Universal Air Connection (RIC UAC);
 - viii. Approved Operations and Maintenance (O&M) manual – bilingual.
- 3.2.2 The following accessories shall also be available individually:
- i. Cylinder with Valve Assembly (quick-connect type);
 - ii. Full Facepiece Assembly in Small, Medium and Large sizes;
 - iii. Nose cup in Small, Medium and Large sizes;
 - iv. Corrective Lens Kit;
 - v. Electronic Voice Communication System;
 - vi. Carrying Case;
 - vii. Rapid Intervention Team (RIT) – Portable Rescue Kit (PRK);
 - viii. Emergency Breathing Safety System (EBSS) Connector;
 - ix. RIC UAC Rescue Kit (RK), and
 - x. Posi-Check Software.
- 3.2.3 The supplier is requested to submit an itemized list of other recommended parts such as Base Station with Tracking System and other accessories.
- 3.3 Harness and Back-Frame Assembly
- 3.3.1 A lightweight, lumbar support style back-frame and harness assembly shall be used to carry the cylinder and valve assembly, pressure reducing regulator assembly and other SCBA components.
- 3.3.2 The harness and back-frame shall be designed with proper hose management to minimize snag hazards and avoid entanglement.
- 3.3.3 The back-frame shall be designed such that the weight of the SCBA and all of its components are supported at the hip area rather than on the shoulders.
- 3.3.4 The back-frame shall contain attachment points for the securing of SCBA components including as a minimum straps, pressure reducer, bottle holder, hoses, and snap connector.
- 3.3.5 The back-frame shall have a mechanism to secure and unsecure a composite SCBA cylinder of a minimum 60 minute capacity.
- 3.3.6 The harness assembly shall incorporate quick-release mechanisms.

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- 3.3.7 A harness shall include a removable centrally located chest strap.
 - 3.3.8 The harness shall contain two (2) over the shoulder straps with adjustable pull type straps.
 - 3.3.9 The harness assembly shall include shoulder and hip pads.
 - 3.3.10 The attachment point shall be able to stow the facepiece while not in use.
 - 3.3.11 The harness shall include a double pull Kevlar or Technical Authority (TA) approved equivalent seat-belt type waist belt attachment.
 - 3.3.12 The SCBA shall have a Mask Mounted Regulator (MMR) storage device, accessible by the user to store and protect the regulator when not in use.
 - 3.3.13 The harness shall have reflective surfaces for enhanced visibility.
 - 3.3.14 An adjustable, self-centering swiveling waist pad shall be attached to the bottom of the back-frame.
 - 3.3.15 All friction buckles used on the waist belt and shoulder strap shall be constructed of forged stainless steel or TA approved equivalent.
- 3.4 Cylinder and Valve Assembly
- 3.4.1 The cylinder shall possess one or more labels in accordance with chapter 5.1 of the NFPA 2013 Edition of NFPA-1981 Standard on Open-Circuit SCBA.
 - 3.4.2 The cylinder shall have a minimum two (2) inch high luminescent band around the bottle to enhance visibility.
 - 3.4.3 The cylinder shall be manufactured in accordance with Department of Transportation (DOT) specifications and meet Transport Canada requirements of 4500 psi minimum working pressure.
 - 3.4.4 The cylinder shall be of a lightweight composite design, consisting of an aluminum alloy inner shell overlapped with a fully wrapped high- strength carbon fiber, fiberglass impregnated with epoxy resin covered with a durable clear gel-coat type finish.
 - 3.4.5 The cylinder shall be a minimum 60-minute duration based on the NIOSH breathing rate of 40 liters per minute (LPM).
 - 3.4.6 The valve body shall contain a quick-connect type outlet, or enabling accessory.
 - 3.4.7 The pressure gauge face shall be luminescent.
 - 3.4.8 The cylinder and valve assembly shall contain a mechanism for positively locking of the assembly to the lower back-frame.
 - 3.4.9 The valve body shall contain a safety feature to minimize unwanted air loss or thrust.
 - 3.4.10 To avoid damage, the valve body shall contain one or more features that minimize potential damage caused by impacts.
 - 3.4.11 Every SCBA bottle shall be supplied with at least 200 psi of pressurized breathable air.
- 3.5 First Stage Pressure Regulator (FSPR)
- 3.5.1 The FSPR primary purpose shall be to reduce tank pressure to an amount manageable by low pressure downstream components and devices.
 - 3.5.2 The FSPR shall also act as a splitter allowing unregulated bottled air to flow through other high pressure components.
 - 3.5.3 The FSPR shall allow low and high pressure hose connection.

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- 3.5.4 The FSPR shall contain features that prevent hose binding.
 - 3.5.5 The FSPR shall make use of a reseatable pressure relief valve or equivalent safety feature to prevent high pressure air from reaching the low pressure hose and components.
 - 3.5.6 The FSPR shall have a high pressure connection with a quick-connect type fitting at one end to connect to the cylinder valve assembly for purpose of receiving high pressure air.
 - 3.5.6.1 A mechanism shall prevent the removal of the quick-connect type fitting from the cylinder valve assembly while under pressure.
 - 3.6 Full Facepiece Assembly with Integrated Head Up Display (I-HUD)
 - 3.6.1 The facepiece shall utilize a positive pressure system covering at a minimum the user's eyes, nose and mouth.
 - 3.6.1.1 The facepiece shall include a nose cup.
 - 3.6.1.2 The nose cups shall be field replaceable without the needs for tools.
 - 3.6.2 The facepiece and nose cup shall be available in three different sizes that are marked and easily identifiable.
 - 3.6.3 The inside of the facepiece shall have a provision to mount corrective lenses.
 - 3.6.3.1 A corrective lens kit or equivalent mechanism shall be available.
 - 3.6.4 The lens shall have anti-shattering and anti-fogging properties.
 - 3.6.4.1 The anti-fogging coating shall be designed to last the life of the mask under normal conditions.
 - 3.6.4.2 The lens shall have a coating that resists abrasion and chemical attack.
 - 3.6.4.3 One lens size shall fit all three facepiece sizes.
 - 3.6.4.4 The lens shall be field replaceable.
 - 3.6.5 The facepiece to regulator interface shall be designed to eliminate the ability of exhaled air from entering and contaminating the inhaled air from the regulator.
 - 3.6.6 The facepiece shall contain removable inhalation and exhalation check valves to prevent cross-contamination of the mask-mounted regulator.
 - 3.6.7 The facepiece shall contain a removable speech diaphragm that is suitably located for optimal voice projection.
 - 3.6.8 The facepiece shall contain a head harness.
 - 3.6.8.1 The head harness shall be attached to the mask via straps at five (5) attachment points.
 - 3.6.8.2 At least four (4) of the straps shall be adjustable.
 - 3.6.8.3 The head harness shall consist of a flame/heat resistant knitted cloth mesh-type netting material covering the rear and complete top of the head.
 - 3.6.9 The user shall be able to breathe normally via the inlet when the mask mounted regulator is removed.
 - 3.6.10 The air flow inside the facepiece shall promote defogging.
 - 3.6.11 The facepiece shall be capable of accepting a CBRN breathing canister.

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- 3.6.12 The facepiece shall have a means to secure it to the user's body when temporarily removed.
 - 3.6.13 The facepiece shall contain an Internal Head Up Display (I-HUD).
 - 3.6.13.1 I-HUD shall be immune to and eliminate any crosstalk interference.
 - 3.6.13.2 I-HUD shall be immune to any radio frequency interference (RFI).
 - 3.6.13.3 I-HUD shall function correctly when the user and other firefighters are using hand held radios.
 - 3.6.14 The facepiece shall be capable of complete water immersion for purposes of cleaning without sustaining damage.
 - 3.6.15 The facepiece shall be supplied with its own storage bag in every SCBA kit and when ordered separately.
 - 3.7 Mask-Mounted Regulator (MMR)
 - 3.7.1 The MMR shall be designed and certified to the NIOSH and NFPA standards as specified in this SOW.
 - 3.7.1.1 One end of the air supply hose shall terminate at the MMR with the other end terminating with a quick-connect fitting in front of the user.
 - 3.7.2 The MMR and all of its external mechanisms shall be able to be manipulated using a single hand.
 - 3.7.3 The MMR shall automatically stop the flow of air and release the regulator when disengaged from the facepiece.
 - 3.7.4 A single MMR shall fit all sizes of the facepiece.
 - 3.7.4.1 The purge valve shall provide a puff of air when tested.
 - 3.7.4.2 The variable flow bypass shall deliver increased air flow in high demand situations.
 - 3.7.5 Material and structures used in the MMR's construction shall be fabricated of materials not vulnerable to corrosion.
 - 3.7.6 Couplings shall be designed to avoid accidental or inadvertent disconnect during use.
 - 3.8 Integrated Personal Alert Safety System (IPASS)
 - 3.8.1 The IPASS system shall be certified to 2013 edition of NFPA 1982.
 - 3.8.2 The SCBA kit shall contain all the hardware and software necessary to be fully functional with a Personal Computer (PC)-based base station.
 - 3.8.3 The IPASS system shall be immune to RFI.
 - 3.8.4 The IPASS system components shall make use of features enabling protection against humidity, water or other infiltrations and contaminants.
 - 3.8.5 The IPASS system shall automatically power up when air is released into the SCBA system.
 - 3.8.6 The IPASS shall contain battery saving features.
 - 3.8.7 The IPASS system shall have a battery check function that provide an indication of battery status while the SCBA is not pressurized.
 - 3.8.8 The Power Module shall use the back-frame mounted piezo-electric speakers to generate audible alarm, status and warnings that would necessitate the use of an audible alarm signal.

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- 3.9 Rapid Intervention Crew Universal Air Connection (RIC UAC)
 - 3.9.1 RIC UACs connections shall be provided as per the 2013 edition of NFPA 1981.
 - 3.10 Electronic Voice Communication System
 - 3.10.1 An electronic voice communication system shall be available for projecting electronically amplified user speech.
 - 3.11 Carrying Case
 - 3.11.1 The carrying case shall serve to retain the complete SCBA kit.
 - 3.11.2 The carrying case shall be constructed of two matching sections of injection molded plastic or TA approved equivalent.
 - 3.11.3 The carrying case shall have front latches.
 - 3.11.4 The carrying case shall include padding or foam to hold and isolate the internal components.
 - 3.11.5 The carrying case shall be water resistant.
 - 3.11.6 The carrying case shall contain a minimum of two (2) handles.
 - 3.12 Rapid Intervention Team (RIT) - Portable Rescue Kit (PRK)
 - 3.12.1 The RIT-PRK shall contain a carrying handle.
 - 3.12.2 The RIT-PRK shall contain a removable, adjustable and padded shoulder carrying strap.
 - 3.12.3 The RIT-PRK shall contain a harness or mechanism that secures all components together.
 - 3.12.4 The RIT-PRK shall include a minimum 60 minute, 4500 psi cylinder and quick-connect valve assembly as described in this SOW.
 - 3.12.5 The RIT-PRK shall include a FSPR as similarly described in sub-section 3.5 of this SOW.
 - 3.12.6 The RIT-PRK shall contain a MMR with a quick-connect fitting as described in sub-section 3.7 of this SOW.
 - 3.12.7 The RIT-PRK shall contain an RIC UAC connector as described in sub-section 3.9 of this SOW.
 - 3.12.8 The RIT-PRK shall contain the necessary high and low pressure hoses to connect components together.
 - 3.13 Emergency Breathing Safety System (EBSS) Connector
 - 3.13.1 An EBSS shall be compliant to 2013 edition NFPA 1981.
 - 3.14 RIC UAC Rescue Kit (RK)
 - 3.14.1 The RIC UAC RK shall consist of a belt mounted carrying pouch and transfer filling hose.
 - 3.14.2 The transfer filling hose shall have the appropriate gender quick-connectors enabling connections between two user's RIC UAC.
 - 3.14.3 The transfer filling hose shall be rated to the tank's maximum pressure.
 - 3.15 Posi-Check Software

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- 3.15.1 The supplier shall deliver a document specifying whether any hardware or software changes are required to the existing DND fleet of Posi-Check systems to make it compatible with the SCBA within twenty (20) business days after First Call Up.
 - 3.15.2 The supplier shall provide any software upgrade required for the Posi-Check system.
 - 3.15.3 The supplier shall grant DND the authorization to copy and distribute the software upgrade for use within DND.
 - 3.16 Base Station with Tracking System
 - 3.16.1 A Base Station with Tracking System that operates on a standard PC may be available.
 - 3.16.2 The Base Station with Tracking System should include software, antenna kit, USB cable, power supply cable and hardware necessary to transmit and receive radio signals.
 - 3.16.3 Tracking System software should include a radio signal indicator, thermal and PASS alarms, and evacuation sent/receive/acknowledge indicators. It should also calculate remaining air time, and indicate cylinder pressure and individual battery status for each firefighter.
 - 3.16.4 Radio signals should use spread-spectrum to prevent interference with other radio equipment.
 - 3.17 Identification and Labeling
 - 3.17.1 The SCBA packaging shipped to DND shall be labelled in accordance with D-80-001-055/SF-001 Specification for Label, Clothing and Equipment.
 - 3.17.2 North American Treaty Organization (NATO) Stock Numbers (NSNs) shall appear on the shipping labels destined to DND location.
 - 3.17.2.1 The TA will provide the NSNs after Standing Offer issuance.
 - 3.18 Integrated Logistics Support (ILS)
 - 3.18.1 Operation and Maintenance (O&M) Manual.
 - 3.18.1.1 The O&M manual shall be in supplier's format.
 - 3.18.1.2 Hard and soft copies of the English and French O&M manuals shall be delivered to the TA.
 - 3.18.1.2.1 The soft copies of the O&M manuals shall be provided in a searchable pdf format or other TA approved format.
 - 3.18.1.3 The supplier shall grant DND the authorization to copy and distribute the hard and soft copies for use within DND.
 - 3.18.2 Illustrated Parts List (IPL) Manual
 - 3.18.2.1 The IPL manual shall be in supplier's format.
 - 3.18.2.2 The IPL shall contain illustrations containing exploded views of all SCBA components with corresponding data indicating OEM part number and description.
 - 3.18.2.3 Hard and soft copies of the English and French IPL manuals shall be submitted to the TA.
 - 3.18.2.3.1 The soft copies of the IPL manuals shall be provided in a searchable pdf format or TA approved format.

3.18.2.4 The supplier shall grant DND the authorization to copy and distribute the hard and soft copies for use within DND.

3.18.3 Training Plan

3.18.3.1 A Training Plan that outlines and describes Training Course material but not limited to a draft hard, soft copy and video story boards or samples shall be delivered to the TA for review thirty (30) business days after First Call Up.

3.18.3.2 A final Training Plan shall be delivered within twenty (20) business days of receiving comments and corrections from the TA's written notification of final acceptance.

3.18.3.3 The Training Plan shall include description of the supplier's method of student assessment, including pass/fail criteria.

3.18.3.4 DND will provide the classroom facilities.

3.18.4 Training Courses

3.18.4.1 All training courses shall be given in English with the exception of the following locations where the course shall be given in French:

- CFB Valcartier, Quebec, and
- CFB Bagotville, Quebec.

3.18.4.2 The supplier shall provide three (3) types of on-site training:

1. Care and Use course;
2. Maintenance course; and
3. Train the Trainer course.

3.18.4.3 The supplier shall provide training consisting of a one (1) day Care and Use course for up to 25 firefighters and a two (2) day Maintenance course for up to 10 maintainers at the following locations:

- 1) CFB Esquimalt, British Columbia;
- 2) CFB Comox, British Columbia;
- 3) CFB Edmonton, Alberta;
- 4) CFB Suffield, Alberta;
- 5) CFB Wainwright, Alberta;
- 6) CFB Cold Lake, Alberta;
- 7) CFAD Dundurn, Saskatchewan;
- 8) CFB Shilo, Manitoba;
- 9) CFB Winnipeg, Manitoba;
- 10) CFB Borden (Base and Academy), Ontario;
- 11) CFB Petawawa, Ontario;
- 12) CFB Trenton, Ontario;
- 13) CFB Valcartier, Quebec (course in French);
- 14) CFB Bagotville, Quebec (course in French);
- 15) CFB Gagetown, New Brunswick;
- 16) CFB Halifax, Nova Scotia; and
- 17) CFB Greenwood, Nova Scotia

3.18.4.4 Care and Use Course

-
- 3.18.4.4.1 The Care and Use course shall include inspection, donning, doffing, changing cylinders, control module operation, quick-fill operations, cleaning and disinfecting, storage and battery replacement.
- 3.18.4.4.2 The Care and Use course shall include hands on training with actual SCBA equipment and accessories as listed in sub-section 3.2.1 and 3.2.2.
- 3.18.4.5 Maintenance Course
- 3.18.4.5.1 The Maintenance course shall include performing diagnostic testing, component replacement, harness overhaul and repair, annual SCBA testing, record keeping and certification protocol.
- 3.18.4.5.2 The Maintenance course shall include candidates completing a written or practical certification test and receiving a certificate of qualification upon completion.
- 3.18.4.5.3 The Maintenance course shall include hands on training with actual SCBA equipment and accessories as listed in sub-section 3.2.1 and 3.2.2.
- 3.18.4.5.4 The Maintenance course shall be given by certified instructors.
- 3.18.4.6 Train the Trainer Course
- 3.18.4.6.1 In addition to the Care and Use and Maintenance courses, the supplier shall organize and deliver one Train the Trainer course for up to 15 SCBA maintainers at the CFB Borden, Ontario.
- 3.18.4.6.2 The Train the Trainer course shall consist of all operations, instructions and teaching materials to enable an instructor to deliver the Care and Use and Maintenance courses.
- 3.18.4.7 For all courses, the supplier shall provide each student with one (1) hard copy of the course in a binder and one (1) electronic CD/DVD copy of the course per training location which shall include all course documentation including but not limited to:
- 3.18.4.7.1 Instructor notes.
- 3.18.4.7.2 Lesson plans.
- 3.18.4.7.3 PowerPoint presentations.
- 3.18.4.7.4 Student Guide.
- 3.18.4.7.5 User Material.
- 3.18.4.7.6 Training Material.
- 3.18.4.8 All training documentation, training aids and supplies shall be included in the course.
- 3.18.4.9 All training documentation, training aids and supplies shall be available in English and French.
- 3.18.4.10 The supplier shall grant DND the authorization to copy and distribute course materials for use within DND.
- 3.18.5 Training Videos
- 3.18.5.1 The supplier shall provide Care and Use and Maintenance training videos to cover the following material:

-
- 3.18.5.1.1 Care and Use video – to include inspection, donning, doffing, changing cylinders, control module operation, quick-fill operations, cleaning and disinfecting, storage and battery replacement.
 - 3.18.5.1.2 Maintenance video – to include performing diagnosis, component replacement, harness overhaul and repair, annual SCBA testing, record keeping and certification protocol.
 - 3.18.5.2 Video format shall be MPEG-4 or TA approved equivalent.
 - 3.18.5.3 Training videos shall be delivered on DVD media or TA approved equivalent.
 - 3.18.5.4 Training videos shall be bilingual (English and French).
 - 3.18.5.5 Training video shall include an on-line evaluation test.
 - 3.18.5.6 The supplier shall submit draft videos to the TA for review within sixty (60) days of First Call-Up.
 - 3.18.5.7 The supplier shall make any corrections, additions or modifications to the videos within thirty (30) days after receiving reviewing comments from the TA.
 - 3.18.5.8 The supplier shall grant DND the authorization to copy, edit and distribute the videos for use within DND.
- 3.18.6 Technical Data for Cataloguing
- 3.18.6.1 Technical data consisting of basic drawings, illustrations, OEM part numbers, technical characteristics and pricing data shall be provided thirty (30) days after First Call Up in order to enable DND to perform the codification and cataloguing of at least the following items:
 - i. Complete SCBA kit;
 - ii. Complete Harness;
 - iii. Cylinder with valve assembly;
 - iv. All three (3) sizes (small, medium and large) of facemasks with head harness;
 - v. All three (3) sizes (small, medium and large) of nose cups;
 - vi. IPASS Control Module;
 - vii. Carrying case;
 - viii. RIT – Portable Rescue Kit; and
 - ix. RIC UAC Rescue Kit.
- 3.19 Project Management
- 3.19.1 Project Start-up Meeting and Progress Status Meetings
 - 3.19.1.1 The supplier shall within twenty (20) business days of awarding the Standing Offer arrange a start-up meeting with the Procurement Authority (PA) and other DND representatives to discuss the scope of work to be performed and project milestones.
 - 3.19.1.2 Progress status meetings if required, shall take place at regular intervals at mutually agreed times and locations.
 - 3.19.1.3 The supplier shall be responsible for recording and distributing meeting minutes and action items for review and acceptance by DND.
- 3.20 First Call Up Unit (FCU)

-
- 3.20.1 The supplier shall produce one (1) FCU consisting of a complete SCBA kit including English and French O&M Manuals and all accessories as defined in sub-sections 3.2.1 and 3.2.2 of this SOW to DND for evaluation within thirty (30) days of receiving First Call Up.
- 3.20.1.1 The FCU shall be verified for conformance against every requirement of this SOW.
- 3.20.1.2 The FCU shall be manufactured using the established procedures, processes, personnel, materials, and facilities of a full production unit.
- 3.20.1.3 In the event the FCU fails to meet any of the SOW requirements, the supplier shall take corrective action to remedy the problem at the supplier's expense.
- 3.20.1.4 The FCU shall be accepted only after the product has been reviewed by the TA at the supplier's plant and formally approved in writing by the TA.

ANNEX B

FIRST CALL UP DELIVERABLES

1.1 General

- 1.1.1 The supplier shall ensure that the SCBA are packaged and delivered correctly adjusted, lubricated, and serviced such that the system is ready for operation / transportation.

1.2 List of deliverables

1.2.1 First Call Up

Item	Description	Instructions	Firm Quantity
1	First Call Up Unit SCBA complete Kit including O&M Manual (English and French)	As per Annex A 3.2.1	1
2	Cylinder and Valve Assembly	As per Annex A 3.4	1
3	Small Size Facepiece assembly with I-HUD includes head harness, small size nose cup, neck strap, bag	As per Annex A 3.6	1
4	Large Size Facepiece assembly with I-HUD includes head harness, large size nose cup, neck strap, bag	As per Annex A 3.6	1
5	Small Size Nose Cup	As per Annex A 3.6.2	1
6	Large Size Nose Cup	As per Annex A 3.6.2	1
7	Corrective Lens Kit	As per Annex A 3.6.3	1
8	Electronic Voice Communication System	As per Annex A 3.10	1
9	Carrying Case for SCBA Kit	As per Annex A 3.11	1
10	Rapid Intervention Team (RIT) – Portable Rescue Kit (PRK)	As per Annex A 3.12	1
11	Emergency Breathing Safety System (EBSS) Connector	As per Annex A 3.13	1
12	RIC UAC Rescue Kit (RK)	As per Annex A 3.14	1
13	English Illustrated Parts List (IPL) – Hard and soft copy	As per Annex A 3.18.2	1
14	French Illustrated Parts List (IPL) – Hard and soft copy	As per Annex A 3.18.2	1
15	Training Plan	As per Annex A 3.18.3	1
16	Training Videos	As per Annex A 3.18.5	1
17	Technical Data for Cataloguing	As per Annex A 3.18.6	1
18	Posi-Check Software	As per Annex A 3.15	1

ANNEX C

INDIVIDUAL CALL UP DELIVERABLES

1.1 General

- 1.1.1 The supplier shall ensure that the SCBA are packaged and delivered correctly adjusted, lubricated, and serviced such that the system is ready for operation / transportation.

1.2 List of deliverables

1.2.1 Individual Call Up

Item	Description	Instructions
1	SCBA complete Kit including O&M Manual (English and French)	As per Annex A 3.2.1
2	Complete Harness and Back-Frame Assembly (no bottle)	As per Annex A 3.3
3	Cylinder and Valve Assembly	As per Annex A 3.4
4	Small Size Facepiece assembly with I-HUD includes head harness, small size nose cup, neck strap, bag	As per Annex A 3.6
5	Medium Size Facepiece assembly with I-HUD includes head harness, medium nose cup, neck strap, bag	As per Annex A 3.6
6	Large Size Facepiece assembly with HUD includes head harness, large size nose cup, neck strap, bag	As per Annex A 3.6
7	Small Size Nose Cup	As per Annex A 3.6.2
8	Medium Size Nose Cup	As per Annex A 3.6.2
9	Large Size Nose Cup	As per Annex A 3.6.2
10	Corrective Lens Kit	As per Annex A 3.6.3
11	Integrated Personal Alert Safety System (IPASS)	As per Annex A 3.8
12	Electronic Voice Communication System	As per Annex A 3.10
13	Carrying case for SCBA kit	As per Annex A 3.11
14	Rapid Intervention Team (RIT) - Portable Rescue Kit (PRK)	As per Annex A 3.12
15	Emergency Breathing Safety System (EBSS) Connector	As per Annex A 3.13
16	RIC UAC Rescue Kit (RK)	As per Annex A 3.14
17	Posi-Check Software	As per Annex A 3.15

ANNEX D

TECHNICAL BID EVALUATION

General Form of Proposals

Proposals shall address in clearly organized, printed (i.e., not handwritten) narrative form all subjects identified in this bid evaluation plan.

Compliance with all checklists and certifications requested in the Request for Proposal (RFP) document is required to determine the responsiveness of bids.

Response statements shall indicate how the supplier's proposed equipment meets the specific requirement. These statements shall reference associated documentation, literature, drawings or illustrations submitted in the bid package. Any such references must clearly indicate exactly where on the reference document the reference is being made.

Evaluation

Proposals will be evaluated on the basis of meeting the mandatory criteria. To be considered responsive, a bid shall satisfy **all** mandatory criteria. Proposals not satisfying all mandatory criteria will be given no further consideration.

1.0 MANDATORY CRITERIA

Responses to the mandatory requirements set forth in this section will be evaluated on a simple, stringent pass/fail basis. Proposals not meeting each and every one of the mandatory requirements identified in the tables below will be considered non-compliant and given no further consideration.

The Bidder is required to respond as set forth above and as indicated in Paragraphs 1.1, 1.2 and 1.3.

1.1 Bidder Confirmation; Initial Required

The Bidder is required to initial the table below certifying they comply with **all** requirements contained in the SOW.

	Mandatory Requirement	Initial
	The Bidder is required to initial this check-off box indicating the company's SCBA complies with all of the requirements of the SOW.	

1.2 SOW Requirements; Responses Required

The Bidder is required to provide supporting statements indicating compliance with all requirements indicated below. Statements shall reference associated documentation, literature, drawings or illustrations submitted in the bid package.

SOW Paragraph	Descriptive Title of Requirement	Location in the bid where the item is addressed
3.2	Technical Requirements	
3.2.1	The SCBA kit shall consist of the following items:	
i	Harness and Back-Frame Assembly;	
ii	Cylinder with Valve Assembly (quick-connect type);	
iii	First Stage Pressure Regulator (FSPR);	
iv	Full Facepiece Assembly (medium size) with Integrated Head Up Display (I-HUD);	
v	Mask-Mounted Regulator (MMR);	
vi	Integrated Personal Alert Safety System (IPASS);	
vii	Rapid Intervention Crew Universal Air Connection (RIC UAC);	
viii	Approved Operations and Maintenance (O&M) manual – bilingual.	
3.2.2	The following accessories shall also be available individually:	
i.	Cylinder with Valve Assembly (quick-connect type):	
ii.	Full Facepiece Assembly in Small, Medium and Large sizes;	
iii.	Nose cup in Small, Medium and Large sizes;	
iv.	Corrective Lens Kit;	
v.	Electronic Voice Communication System;	
vi.	Carrying Case;	
vii.	Rapid Intervention Team (RIT) – Portable Rescue Kit (PRK);	
viii.	Emergency Breathing Safety System (EBSS) Connector;	

SOW Paragraph	Descriptive Title of Requirement	Location in the bid where the item is addressed
ix.	RIC UAC Rescue Kit (RK), and	
x.	Posi-Check Software.	
3.4	Cylinder and Valve Assembly	
3.4.3	The cylinder shall be manufactured in accordance with Department of Transportation (DOT) specifications and meet Transport Canada requirements of 4500 psi minimum working pressure.	
3.6	Full Facepiece Assembly with Integrated Head Up Display (I-HUD)	
3.6.8	The facepiece shall contain a head harness.	
3.6.8.1	The head harness shall be attached to the mask via straps at five (5) attachment points.	
3.6.8.2	At least four (4) of the straps shall be adjustable.	
3.6.8.3	The head harness shall consist of a flame/heat resistant knitted cloth mesh-type netting material covering the rear and complete top of the head.	
3.8	Integrated Personal Alert Safety System (IPASS)	
3.8.2	The SCBA kit shall contain all the hardware and software necessary to be fully functional with a Personal Computer (PC)-based base station.	

1.3 Certifications

Description of Certification	Location in the bid where the item is addressed
1) Submit the following certificates: a) The National Institute for Occupational Safety and Health (NIOSH), under all the applicable requirements of 42 CFR, Part 84 for Chemical, Biological, Radiological, and Nuclear protection (CBRN) with a 60-minute-rated service life.	
b) The National Fire Protection Association's (NFPA) 2013 Edition of NFPA-1981 Standard on Open-Circuit SCBA.	
c) The National Fire Protection Association's (NFPA) 2013 Edition of NFPA-1982 Standard on the Integrated Personal Alert Safety System (PASS) device.	

2.0 COMPANY CAPABILITY

It is requested that the supplier provide the following information in the Bid Package. However this will not be used for evaluation purposes.

Description of Evaluation Criteria	Location in the bid where the item is addressed
1) Submit a full technical proposal demonstrating that the firm has the capability to perform on any resulting contract.	
2) The proposal shall include	
a) An overview of the company.	
b) The firm's experience in supplying and performing similar work, including all functions required for full performance of the work described herein. These functions shall include examples of SCBAs supplied, volume, support, training and Integrated Logistics Support (ILS) capabilities.	
c) The firm's quality assurance procedure in place for performance on any resulting contract.	
d) The firm's national supporting offices and capabilities.	
3) Demonstrate a proven history of directly related experience in supplying and supporting SCBAs for large organizations such as government or corporate clients. Information provided shall include details to establish capabilities regarding volume, quality, and expertise.	

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 File No. - N° du dossier
 W8486-151745

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

ANNEX E

BASIS OF PRICING

The supplier shall ensure that the SCBA are packaged and delivered correctly adjusted, lubricated, and serviced such that the system is ready for operation / transportation.

The Offeror must quote firm unit prices in Canadian dollars, DDP Delivered Duty Paid (DND locations), Applicable Taxes extra and Freight charges to destination and all applicable Custom duties and Excise taxes must be included.

A) First Call-up

Item	Description	Instructions	Firm Quantity	Unit Price
1	SCBA complete Kit including O&M Manual (English and French)	As per Annex A 3.2.1	1	
2	Complete Harness and Back-Frame Assembly (no bottle)	As per Annex A 3.3	1	
3	Cylinder and Valve Assembly	As per Annex A 3.4	1	
4	Small Size Facepiece assembly with I-HUD includes head harness, small size nose cup, neck strap, bag	As per Annex A 3.6	1	
5	Medium Size Facepiece assembly with I-HUD includes head harness, medium nose cup, neck strap, bag	As per Annex A 3.6	1	
6	Large Size Facepiece assembly with HUD includes head harness, large size nose cup, neck strap, bag	As per Annex A 3.6	1	
7	Small Size Nose Cup	As per Annex A 3.6.2	1	
8	Medium Size Nose Cup	As per Annex A 3.6.2	1	
9	Large Size Nose Cup	As per Annex A 3.6.2	1	
10	Corrective Lens Kit	As per Annex A 3.6.3	1	
11	Integrated Personal Alert Safety System (IPASS)	As per Annex A 3.8	1	
12	Electronic Voice Communication System	As per Annex A 3.10	1	
13	Carrying case for SCBA kit	As per Annex A 3.11	1	
14	Rapid Intervention Team (RIT) - Portable Rescue Kit (PRK)	As per Annex A 3.12	1	
15	Emergency Breathing Safety System (EBSS) Connector	As per Annex A 3.13	1	
16	RIC UAC Rescue Kit (RK)	As per Annex A 3.14	1	
17	Posi-Check Software	As per Annex A 3.15	1	

TOTAL: _____

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B) Call-ups

Item	Description	Unit Price per Quantity														
		Year 1			Year 2			Year 3			Option 1			Option 2		
		1-25	26-50	50+	1-25	26-50	50+	1-25	26-50	50+	1-25	26-50	50+	1-25	26-50	50+
1	SCBA complete Kit including O&M Manual (English and French)															
2	Complete Harness and Back-Frame Assembly (no bottle)															
3	Cylinder and Valve Assembly															
4	Small Size Facepiece assembly with I-HUD includes head harness, small size nose cup, neck strap, bag															
5	Medium Size Facepiece assembly with I-HUD includes head harness, medium nose cup, neck strap, bag															
6	Large Size Facepiece assembly with HUD includes head harness, large size nose cup, neck strap, bag															
7	Small Size Nose Cup															
8	Medium Size Nose Cup															
9	Large Size Nose Cup															
10	Corrective Lens Kit															
11	Integrated Personal Alert Safety System (IPASS)															
12	Electronic Voice Communication System															
13	Carrying case for SCBA kit															

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ANNEX F
QUARTERLY REPORT

Will be inserted at issuance of SO.

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ANNEX G

CLAIM FOR EXCHANGE RATE ADJUSTMENTS

PWGSC-TPSGC 9411, Claim for Exchange Rate Adjustments – Attached (1 page)



CLAIM FOR EXCHANGE RATE ADJUSTMENTS DEMANDE DE RAJUSTEMENT DU TAUX DE CHANGE

Contractor Name - Nom de l'entrepreneur	PWGSC File No. - N° du dossier de TPSGC
Contract No. - N° du contrat	Item/Invoice No. - N° d'article/de facture

Basis of payment for this exchange rate adjustment is detailed in Article _____ of the above-referenced contract.

La base de paiement visée par ce rajustement du taux de change est décrite en détail à l'article _____ du contrat susmentionné.

Foreign Currency Component (FCC) and Exchange Rates used at time of Bid Solicitation and/or Contract Negotiation

Montant en monnaie étrangère et taux de change utilisés au moment de la demande de soumissions et(ou) de la négociation du contrat

Date (YYYY-MM-DD / AAAA-MM-JJ)

Item Article	Unit FCC in Foreign Funds Prix unitaire en devises étrangères (1)	Quantity Quantité (2)	Conversion Factor (initial) Facteur de conversion (initial) (3)	FCC in Canadian Funds Montant en dollars canadiens (1 x 2 x 3) = (4)

Calculation for Exchange Rate Adjustments

Demande de rajustement du taux de change

Date (YYYY-MM-DD / AAAA-MM-JJ)

Item Article	Unit FCC in Foreign Funds Prix unitaire en devises étrangères (5)	Quantity Quantité (6)	Conversion Factor (claimed) Facteur de conversion (réclamé) (7)	Total Amount Claimed - in Canadian Funds Montant total demandé - en dollars canadiens (5 x 6 x 7) = (8)

Exchange Rate Adjustment Amount = (8) - (4) \$ 0.00
Montant du rajustement du taux de change