



**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

**Request For a Standing Offer
Demande d'offre à commandes**

National Master Standing Offer (NMSO)
Offre à commandes principale et nationale (OCPN)

Canada, as represented by the Minister of Public Works and
Government Services Canada, hereby requests a Standing Offer
on behalf of the Identified Users herein.

Le Canada, représenté par le ministre des Travaux Publics et
Services Gouvernementaux Canada, autorise par la présente,
une offre à commandes au nom des utilisateurs identifiés
énumérés ci-après.

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
L'Esplanade Laurier
East Tower, 4th floor,
Ottawa
Ontario
K1A 0S5

Title - Sujet BR Window and Door S.O.	
Solicitation No. - N° de l'invitation 08834-200071/A	Date 2020-07-10
Client Reference No. - N° de référence du client 20200071	GETS Ref. No. - N° de réf. de SEAG PW-\$\$HN-460-78900
File No. - N° de dossier hn460.08834-200071	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-08-10	
Time Zone Fuseau horaire Eastern Daylight Saving Time EDT	
Delivery Required - Livraison exigée See Herein	
Address Enquiries to: - Adresser toutes questions à: Guertin, Benoit	Buyer Id - Id de l'acheteur hn460
Telephone No. - N° de téléphone (613)296-3182 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Foreign Affairs, Trade and Development Canada AAC 125 SUSSEX DR. OTTAWA Ontario K1A0G2 Canada	
Security - Sécurité This request for a Standing Offer does not include provisions for security. Cette Demande d'offre à commandes ne comprend pas des dispositions en matière de sécurité.	

Instructions: See Herein

Instructions: Voir aux présentes

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

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 and Additional Information: includes the certifications and additional information to be provided; |
| Part 6 | 6A, Standing Offer, and 6B, Resulting Contract Clauses: |
- 6A, includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions;
 - 6B, 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 Statement of Work, the Basis of Payment, the Federal Contractors Program for Employment Equity - Certification and other annexes.

Given that many people are currently working from home and in an effort to reduce the spread of the Coronavirus disease (COVID-19) within communities, bidders are highly encouraged to transmit their bid electronically using the epost Connect service. Information on the epost Connect service can be found in Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation.

2. Summary

The Request for Standing Offers (RFSO) is to issue a Regional Individual Standing Offer (RISO) for bullet resistant and forced entry windows and doors for Global Affairs Canada (GAC) in the National Capital Region for a period of 3 years from the date of issuance of the Standing Offer plus the right to request an extension of two (2) additional periods of up to 12-months each. Only one standing offer may be awarded.

The Federal Contractors Program (FCP) for employment equity applies to this procurement; refer to Part 5 – Certifications and Additional Information, Part 6A -Standing Offer, and Part 6B - Resulting Contract Clauses and the annex titled Federal Contractors Program for Employment Equity - Certification.

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), the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), and the Canadian Free Trade Agreement (CFTA).

This RFSO allows offerors to use the epost Connect service provided by Canada Post Corporation to transmit their offers electronically. Offerors must refer to Part 2 of the RFSO entitled Offeror Instructions and Part 3 of the RFSO entitled Offer Preparation Instructions, for further information on using this method.

3. 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.

4. Anticipated migration to an e-Procurement Solution (EPS)

Canada is currently developing an online EPS for faster and more convenient ordering of goods and services. In support of the anticipated transition to this system and how it may impact any resulting Standing Offer that is issued under this solicitation, refer to 7.15 Transition to an e-Procurement Solution (EPS).

The Government of Canada's [press release](#) provides additional information.

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).

(End of page)

The 2006 (2020-05-28) Standard Instructions - Request for Standing Offers - Goods or Services - 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: 60 days

Insert: 120 days

1.1 SACC Manual Clauses

SACC Manual clause B1000T (2014-06-26) Condition of Material - Bid

2. Submission of Offers

Offers must be submitted only to the Public Works and Government Services Canada (PWGSC) Bid Receiving Unit specified below by the date and time indicated on page 1 of the RFSO:

PWGSC Bids Receiving Unit
11 Laurier Street, Place du Portage, Phase 3, Core 0B2,
Gatineau, Québec, K1A 0S5
Tel.: 819-420-7201

Due to current circumstances with Covid-19, offerors are highly encouraged to transmit their offer electronically using the epost Connect service.

Note: For offerors choosing to submit using epost Connect for offers closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca

Offers will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions 2006, or to send offers through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

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 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.

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

- If the Offeror chooses to submit its offer electronically, Canada requests that the Offeror submits its offer in accordance with section 08 of the 2006 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

The offer must be gathered per section and separated as follows:

- Section I: Technical Offer
 - Section II: Financial Offer
 - Section III: Certifications
 - Section IV: Additional Information
- If the Offeror chooses to submit its offer in hard copies, Canada requests that the Offeror provides its offer in separately bound sections as follows:
 - Section I: Technical Offer (1 hard copy and 1 soft copy USB)
 - Section II: Financial Offer (1 hard copy and 1 soft copy USB)
 - Section III: Certifications (1 hard copy and 1 soft copy USB)
 - Section IV: Additional Information (1 hard copy and 1 soft copy USB)

(End of page)

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

- If the Offeror is simultaneously providing copies of its offer using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

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 hard copy of their offer:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the RFSO.

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](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, Offerors should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fiber 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.

Technical Documentation

Technical/descriptive literature (detailed data sheets) and installation instructions must be submitted as part of the technical bid package prior to the bid closing date. Failure to comply will render your bid non responsive.

1.1 Equivalent Products

- i. Products that are equivalent in form, fit, function and quality to the item(s) specified in the solicitation will be considered where the offeror designates the brand name and model and/or part number and NCAGE (manufacturer, supplier or agent number) of the substitute product;

ii. Products offered as equivalent in form, fit, function and quality will not be considered if:

- (a) the offer fails to provide all the information requested to allow the Standing Offer Authority to fully evaluate the equivalency of each substitute product; or
- (b) the substitute product fails to meet or exceed the mandatory performance criteria specified in the solicitation for that item.

iii. In conducting its evaluation of the offers, Canada may, but will have no obligation to, request offerors offering a substitute product to provide technical information demonstrating the equivalency (e.g. Drawing, specifications, engineering reports and/or test reports), or to demonstrate that the substitute product is equivalent to the item specified in the solicitation, at the sole cost of offerors, within TEN business days of the request. If the offerors fails to provide the requested information within the specified delay, Canada may declare the offerors non-responsive.

Section II: Financial Offer

Offerors must submit their financial offer in accordance with Annex B, Basis of Payment.

1.2 Electronic Payment of Invoices - Offer

If you are willing to accept payment of invoices by Electronic Payment Instruments, identify which ones are accepted.

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);

If none are chosen, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices. Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

1.3 Exchange Rate Fluctuation Risk Mitigation

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 and additional information required under Part 5.

Section IV: Additional Information

1.4 Delivery Offered

Delivery shall be made within _____ calendar days from receipt of a call-up document.

1.5 Contractor Representatives

Name and telephone number of the person responsible for:

General enquiries

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

Delivery follow-up

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

(End of page)

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 Offers including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the offers.

Evaluation Criteria

1.1 Mandatory Technical Criteria

The following Mandatory requirements must be submitted with the bid for evaluation

- Technical compliance (description of items in Annex A Statement of Work);
- Annex "D" - Evaluation Criteria

1.2 Financial Evaluation

The following Mandatory factors will be taken into consideration in the evaluation of each offer:

- Compliance with Pricing Basis;

The Offer price will be determined by processing items at Annex "B" as follows:

- Sum of all items total price, including the option years

1.3 Pricing Basis

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

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 on an aggregate basis will be recommended for the issuance of a standing offer.

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

The certifications provided by offerors to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare an offer non-responsive, will have the right to set-aside a standing offer, or will declare a contractor in default 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 will render the offer non-responsive, result in the setting aside of the Standing Offer or constitute a default under the Contract.

1. Certifications Required with the Offer

Offerors must submit the following duly completed certifications as part of their offer.

1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all offerors must provide with their offer, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

2. Certifications Precedent to the Issuance of a Standing Offer and Additional Information

The certifications and additional information listed below should be submitted with the offer, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Standing Offer Authority will inform the Offeror of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the offer non-responsive.

2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Offeror must provide the required documentation, as applicable, to be given further consideration in the procurement process.

2.2 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) available at the bottom of the page of the [Employment and Social Development Canada-Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#s4) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#s4>).

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.

2.3 General Environmental Criteria Certification

The Bidder must select and complete one of the following two certification statements.

A) The Bidder certifies that the Bidder is registered or meets ISO 14001.

Offeror's Authorized Representative Signature

Date

or

B) The Bidder certifies that the Bidder meets and will continue to meet throughout the duration of the contract, a minimum of four (4) out of six (6) criteria identified in the table below.

The Bidder must indicate which four (4) criteria, as a minimum, are met.

Green Practices within the Bidders' organization	Insert a checkmark for each criterion 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.	

2.4 Standing Offers Reporting Certification

The supplier hereby accepts the responsibility to submit all required usage reports in accordance to instructions in Part 6 A, and furthermore understands that failure to provide usage reports in accordance with instructions may result in the setting aside of the Standing Offer and the application of a vendor performance corrective measure.

Offeror's Authorized Representative Signature

Date

PART 6 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

A. STANDING OFFER

1. Offer

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 the 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](#) (2017-06-21) General Conditions - Standing Offers - Goods or Services, 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 this data in accordance with the reporting requirements detailed in Annex "C ". 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 data must be submitted on a quarterly basis to the Standing Offer Authority.

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 to the Standing Offer Authority no later than 15 calendar days after the end of the reporting period.

(End of page)

4. Term of Standing Offer (to be completed at issuance 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 two additional periods, of up to 12 months each, 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 30 days 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:

Benoit Guertin – Supply Specialist
Public Services and Procurement Canada - Acquisitions Branch
Logistics, Electrical, Fuel and Transportation Directorate - "HN" Division
140 O'Connor St, East Tower 4th floor, Ottawa ,ON , K1A 0S5
Telephone: 613-296-3182
E-mail address: TPSGC.PAHNOCAA-APHNSOSA.PWGSC@tpsgc-pwgsc.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 Contracting Authority, he is responsible for any contractual issues relating to individual call-ups made against the Standing Offer by any Identified User.

5.2 Project 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.

5.3 Offeror's Representative

Name and telephone number of the person responsible for :
(will be inserted at issuance of standing offer)

General enquiries

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

Delivery follow-up

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

6. Identified Users

The Identified User authorized to make call-ups against the Standing Offer is:
Global Affairs Canada.

7. Call-up Instrument

The Work will be authorized or confirmed by the Identified User(s) using the duly completed forms or their equivalents as identified in paragraphs 2 and 3 below, or by using Canada acquisition cards (Visa or MasterCard) for low dollar value requirements.

1. Call-ups must be made by Identified Users' authorized representatives under the Standing Offer and must be for goods or services or combination of goods and services included in the Standing Offer at the prices and in accordance with the terms and conditions specified in the Standing Offer.
2. Any of the following forms could be used which are available through [PWGSC Forms Catalogue](#) website:
 - PWGSC-TPSGC 942 Call-up Against a Standing Offer
 - PWGSC-TPGSC 942-2 Call-up Against a Standing Offer - Multiple Delivery
 - PWGSC-TPSGC 944 Call-up Against Multiple Standing Offers (English version)
 - PWGSC-TPSGC 945 Commande subséquente à plusieurs offres à commandes (French version)

or

3. An equivalent form or electronic call-up document which contains at a minimum the following information:
 - standing offer number;
 - statement that incorporates the terms and conditions of the Standing Offer;
 - description and unit price for each line item;
 - total value of the call-up;
 - point of delivery;
 - confirmation that funds are available under section 32 of the Financial Administration Act;

- confirmation that the user is an Identified User under the Standing Offer with authority to enter into a contract.

7.1 Transaction Requirements

When using a credit card to make a call-up, Identified User(s) must submit the following information in writing to the vendor prior to confirmation of order:

- a- The Standing Offer number
- b- The quote number

Call-ups against the Standing Offer paid for with the Government of Canada acquisition card (credit card) at point of sale must be given the same prices and conditions as any other Call-up.

7.2 Numbering of Call-ups paid for by Acquisition Cards.

For audit purposes, Identified Users are to number Call-ups paid for by credit cards according to a unique and sequential numbering system. The following format is suggested (XXXX-YYMMDD-SS). XXXX represents the four last digits of the credit card number; YYMMDD represents the date of the order and; SS represents a sequential number for orders placed the same day.

8. Limitation of Call-ups

Individual call-ups against this Standing Offer must not exceed \$400,000.00 (Goods and Services Tax or Harmonized Sales Tax included). Individual call-ups over \$400,000.00 must be submitted to the Standing Offer Authority for review and approval.

9. Priority of Documents

If there is a discrepancy between the wordings 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.

(End of page)

- a. the call up against the Standing Offer, including any annexes;
- b. the articles of the Standing Offer;
- c. the general conditions 2005 (2017-06-21), General Conditions - Standing Offers - Goods or Services
- d. the general conditions 2010A (2020-05-28) General conditions: Goods (medium complexity)
- e. Annex A, Statement of Work;
- f. Annex B, Basis of Payment;
- g. the Offeror's offer dated _____ (*insert date of offer*), (*if the offer was clarified or amended, insert at the time of issuance of the offer: "as clarified on _____" or "as amended on _____" and insert date(s) of clarification(s) or amendment(s) if applicable*).

10. Certifications - Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Offeror with its offer or precedent to issuance of the Standing Offer (SO), and the ongoing cooperation in providing additional information are conditions of issuance of the SO and failure to comply will constitute the Offeror in default. 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.

11. 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 by the Offeror in its offer, if applicable*).

12. Transition to an e-Procurement Solution (EPS)

During the period of the Standing Offer, Canada may transition to an EPS for more efficient processing and management of individual call-ups for any or all of the SO's applicable goods and services. Canada reserves the right, at its sole discretion, to make the use of the new e-procurement solution mandatory.

Canada agrees to provide the Offeror with at least a three-month notice to allow for any measures necessary for the integration of the Offer into the EPS. The notice will include a detailed information package indicating the requirements, as well as any applicable guidance and support.

If the Offeror chooses not to offer their goods or services through the e-procurement solution, the Standing Offer may be set aside by Canada.

(End of page)

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](#) (2020-05-28) General Conditions - Goods (Medium Complexity) apply to and form part of the Contract.

Section 16 Interest on Overdue Accounts, of [2010A](#) (2020-05-28) General Conditions - Goods (Medium Complexity) will not apply to payments made by credit cards.

2.2 SACC Manual Clauses

[B7500C](#) (2006-06-16) Excess Goods apply to and form part of the Contract.

3. Term of Contract - Delivery Date

Delivery must be completed in accordance with the call-up against the Standing Offer.

4. Payment

4.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid the firm unit prices specified in the Annex "B". Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

4.2 Limitation of Price

SACC Manual clause [C6000C](#) (2017-08-17) Limitation of Price

4.3 Multiple Payments

SACC Manual clause [H1001C](#) (2008-05-12) Multiple Payments

4.4 Electronic Payment of Invoices – Call-up *(if applicable)*

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);

4.5 Insurance

SACC Manual clause [G1005C](#) (2016-01-28) Insurance

4.6 Exchange rate fluctuation adjustment *(if applicable)*

SACC Manual clause [C3015C](#) (2017-08-17) Exchange rate fluctuation adjustment

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 emailed to the following addresses for certification and payment:
accounts-receivable.AAC@international.gc.ca and justin.diederich@international.gc.ca

6. SACC Manual Clauses (Delivery)

SACC Reference	Section	Date
D2000C	Marking	2007-11-30
D2001C	Labelling	2007-11-30
D2025C	Wood Packaging Materials	2017-08-17
D9002C	Incomplete Assemblies	2007-11-30

6.1 Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and Delivered Duty Paid –DDP– (Ottawa ON) Incoterms 2000 for shipments from a commercial contractor.

6.2 Palletization

1. For all shipments exceeding 0.566 m³ or 15.88 kg (20 ft³ or 35 lbs), except for those shipped by courier, the following applies:
 - a. The Contractor must strap, and if necessary wrap, shipments on standard 1.22 m x 1.02 m (48 in. x 40 in.) wood pallets. The four-way forklift entry pallet must be supplied at no charge to Global Affairs Canada. Total height, including pallet, must not exceed 1.19 m (47 in.). The pallet load must not extend further than 2.54 cm (1 in.) from any edge of the pallet.
 - b. The Contractor must group items by stock number (on the same pallet) within consolidated shipments. Pallet loads composed of more than one stock number must be marked as "**Mixed Items**".
 - c. Individual items exceeding 1.22 m (48 in.) in length or 453.6 kg (1000 lbs) must be secured to larger pallets or must have 10.16 cm x 10.16 cm (4 in. x 4 in.) skids securely fastened to the bottom of the item. Skids must be separated by a minimum of 71.12 cm (28 in.).
2. Any exception requires the prior approval of the Contracting Authority

Solicitation No. - N° de l'invitation
08843-200071/A
Client Ref. No. - N° de réf. du client
08843-200071

Amd. No. - N° de la modif.
File No. - N° du dossier
hn460.08843-200071

Buyer ID - Id de l'acheteur
hn460
CCC No./N° CCC - FMS No./N° VME

ANNEX "A" - STATEMENT OF REQUIREMENT

Specifications for Bullet Resistant and Forced Entry Security Products

Issued by:
Global Affairs Canada

1. SCOPE

1.1 Objective

Global Affairs Canada (GAC) has a need for robust yet cost-effective Bullet Resistant and Forced Entry windows and doors on an as and when requested basis for GAC to fulfill its mandate of ensuring a secure work environment for all employees working abroad.

1.2 Background

Global Affairs Canada (GAC) is a Government of Canada department with approximately 14,000 employees. About half of the employees work in over 170 missions outside of Canada. The Physical Security Implementation Team (AWCA) is responsible to ensure that all employees working abroad are doing so in a safe and secure environment. To meet this mandate, AWCA has many projects underway and planned that require Bullet Resistant and Forced Entry Products to ensure that safety and security are met at all locations.

2. DEFINITIONS

AISC:	American Institute of Steel Construction
ASQ :	American Society for Quality Control
ASTM:	American Society for Testing and Materials
AWCA:	Physical Security Implementation Team, responsible for ensuring that all employees working abroad are doing so in a secure work environment.
BR:	Bullet Resistant
CSA:	Canadian Standards Association
Door Assembly:	The fitting together of all manufactured parts into a complete Door Assembly. This includes Frame, door panel, hinges, threshold, weather stripping (where applicable), all components to facilitate electric wiring where electric locks or strikes are utilized, mounting hardware, and the installation of government-approved hardware to complete the assembly before installation.
EN 1627:	Pedestrian door sets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification
EN 356:	Glass in the building - Security Glazing - Testing and classification of resistance against manual attack
FE:	Forced Entry
GAC:	Global Affairs Canada
IAW:	International Association Welding
ISO:	International Standards Organization
Mullion:	A mullion is a vertical element that forms a division between units of a window or screen, its primary purpose is a rigid support to the glazing of the window in cases where the required glazing size is too large for single piece of glazing to meet the bullet resistant certification.

Offeror: The organization offering the assemblies and services as described in the statement of requirements with Global Affairs Canada.

SD-STD-01.01: Forced Entry and Ballistic Resistance of Structural Systems

TT-C-490F: Federal Specification: Chemical conversion coatings and pre-treatments for Metallic Substrates (Base for Organic Coatings)

UL 752: Standards for Bullet-Resisting Equipment

Window Assembly: The fitting together of all manufactured parts into a complete Window Assembly. This includes; Glazing, frame, and all necessary gaskets, cushioning bumpers (to protect the Glazing from the frame as required) and mounting hardware to complete the assembly prior to installation.

3.0 REFERENCE DOCUMENTS

3.1 Hardware

- [Allegion, LCN 1460 Series Closer](#)
- [Allegion, LCN 4040XP Series Closer](#)
- [Assa Abloy, Corbin Russwin, ML200 Series Mortise Lock](#)
- [Assa Abloy, Folger Adam 310 Series Electric Strike](#)
- [Assa Abloy, Folger Adam 700 Series Electric Strike](#)
- [Assa Abloy, HES 1006 Series Electric Strike](#)
- [Assa Abloy, McKinney Bearing Hinges – TA2314/TA2714](#)
- [Assa Abloy, Securitron Electrical Power Transfer](#)
- [Dormakaba, Delayed Egress Model DE8310](#)
- [Gallery Specialty Hardware, Door Pulls – 1007-1009-1012](#)
- [Gallery Specialty Hardware, Door Pulls – 4007-4009-4012](#)
- [Von Duprin 98/99 Series Exit Devices](#)

3.2. Referenced Standards

- [ASQ Q9000, 2005](#)
- [ASTM A1008 / A1008M - 18](#)
- [ASTM A1011 / A1011M - 18a](#)
- [ASTM A36 / A36M - 19](#)
- [AWS D17.1/D17.1M](#)
- [CSA 0121](#)
- [CSA 0141](#)
- [CSA 0151](#)
- [CSA 0153](#)
- [CSA B111 1974](#)
- [CSA S16-09](#)
- [CSA W 59 1984](#)
- [CSA W58-2018](#)
- [EN 1627](#)
- [EN 365](#)
- [Federal Standard Quality Control System Requirements 368A](#)
- [G40.20-13/G40.21-13](#)
- [IAW CSA W47.1 Div.2.1](#)
- [ISO 9000:2015](#)
- [Mil I 45208A](#)
- [MIL-DTL-46100E](#)
- [SD-STD-01.01](#)
- [TT-C-490F](#)
- [UL 752](#)

4.0 DOOR ASSEMBLY REQUIREMENTS:

4.1 General Requirements

The work described in the following sub-sections and subsequent specifications consist of manufacturing requirements for the Bullet Resistant and Forced Entry Door Assemblies listed below are mandatory unless an equivalent can be proposed, in the bid proposal, and demonstrated to adhere to equivalent standards and specifications shown by way of certification or certified witness test:

- a) Bullet Resistant Door – UL 752 Level 1 (Multi-Lite)
- b) Bullet Resistant Door – UL 752 Level 1 (Half Lite)
- c) Bullet Resistant Door – UL 752 Level 1 (Narrow Lite)
- d) Bullet Resistant Door – UL 752 Level 1 (Flush)
- e) Bullet Resistant Door – UL 752 Level 8 (Multi-Lite)
- f) Bullet Resistant Door – UL 752 Level 8 (Half Lite)
- g) Bullet Resistant Door – UL 752 Level 8 (Narrow Lite)
- h) Bullet Resistant Door – UL 752 Level 8 (Flush Lite)
- i) Steel Door 16ga – Non-Rated (Flush)
- j) Forced Entry Door – EN 1627/30 RC2 (Half Lite) – EN356 P4A (Force Entry Glazing Standard)
- k) Forced Entry Door – EN 1627/30 RC2 (Narrow Lite) – EN356 P4A (Force Entry Glazing Standard)
- l) Forced Entry Door – EN 1627/30 RC2 (Flush) – EN356 P4A (Force Entry Glazing Standard)
- m) Forced Entry Door – EN 1627/30 RC3 (Half Lite) – EN356 P5A (Force Entry Glazing Standard)
- n) Forced Entry Door – EN 1627/30 RC3 (Narrow Lite) – EN356 P5A (Force Entry Glazing Standard)
- o) Forced Entry Door – EN 1627/30 RC3 (Flush) – EN356 P5A (Force Entry Glazing Standard)
- p) Covered stainless-steel pass-through trays
- q) STC 52 Rating (addition to door)

4.2 Physical and Mechanical Requirements of Door Assemblies

- 4.2.1 Individual Door Assemblies must be products of a single supplier or source. Unless otherwise designated, Door Assemblies must be fabricated only from products meeting the requirements referenced in sections 7.0. and 8.0.
- 4.2.2 All doors must be standard size 36" x 84" x 1.75".
- 4.2.3 All door types must be available as Flush, Half lite, Narrow Lite and Multi-Lite.
- 4.2.4 For all electrically operated doors, a four-wire terminal block must be installed in the header of the door frame approximately 6 " from the opening edge of the door. This terminal block must be concealed but fully accessible and must be protected by a 1" x 4" screw mounted terminal cover on the protected side (interior) of the door frame.

- 4.2.5 A 1/2" conduit must be installed in the frame from the terminal block to the electric device being installed using 18-gauge stranded wire. It is the Offeror's responsibility to ensure that the conduit is installed in the proper location.
- 4.2.6 The steel butt frames must be welded and have a throat dimension between 4" and 4.75" for both Force Entry doors and Bullet Resistant Doors.
- 4.2.7 The Offeror must construct and insert the Glazing frame on the door. The frame must be able to accommodate the exchange of Glazing to a higher level of protection.
- 4.2.8 All doors must utilize "Z" ribbing stiffeners. Full-length vertical stiffeners must be a maximum of 6" apart. On any opaque door, ladder formation must be used.
- 4.2.9 Doors Assemblies must be fully assembled and ready for installation when shipped.

4.3 Material Requirements

- 4.3.1 The standard material for the Bullet Resistant, Forced Entry and Non-Rated doors is described below but may require additional materials depending on the Bullet Resistant or Force Entry levels required. All materials used must be compatible with and in conjunction with all Material Requirements in sections 7.0 and 8.0.
- 4.3.2 All doors must be provided with a minimum of 3 resilient silencers on the lock side.
- 4.3.3 All doors must contain IKO Enerfoil, 1 1/2" thick.
- 4.3.4 All Bullet Resistant doors must have a maximum thickness of 1.75". The base units must have a minimum skin of 14-gauge steel with armoured plating. The door frames must be built with a minimum of 12-gauge steel.
- 4.3.5 All Forced Entry and non-rated steel doors must have a maximum thickness of 1.75". The base units must have a minimum skin of 16-gauge steel. The door frames must be built with a minimum of 16 gauge steel.
- 4.3.6 All door window stops must be welded to form a monolithic frame.

4.4 Protection Standards

- 4.4.1 The full Bullet Resistant Door Assemblies must be in accordance with the UL 752 Ballistic level of Bullet Resistant protection.
- 4.4.2 The full Door Assembly must be in accordance with the SD-STD-01.01 Force Entry levels.
- 4.4.3 The full Forced Entry Door Assemblies must be in accordance with the European Committee for Standardization (CEN) EN 1627/30 Force Entry levels as identified.

4.5 Fabrication, Pre-treatment, Preparation, and Finish

- 4.5.1 The Door Assemblies must require no welding in the field.
- 4.5.2 All exposed steel welds must be ground smooth
- 4.5.3 The Door Assemblies must be free of all surface imperfections and irregularities.

- 4.5.4 The Door Assemblies must be built to include separation between dissimilar metals or the metals must be isolated using a 30 mil coating of cold-applied asphalt paint to prevent electrolysis.
- 4.5.5 Two sets of Door Assembly Anchors must be included in each shipment. The anchors must be a minimum of 3/8" diameter and 6" long. One set must be designed for installation into a concrete structure, while the second set must be designed for installation into a metal reinforcing frame. Structural frames must have predrilled holes for anchors. The cap plugs used in the frame must match frame finish.
- 4.5.6 Fastenings, including screws, nuts, bolts, washers, rivets, and other anchors, must be of suitable type and size to serve their intended function and must be compatible with metals being secured. Exposed fastenings used in conjunction with finish hardware must match the finish of the adjacent surface.
- 4.5.7 Door Assemblies must be balanced so that, when measured with a door pressure gauge, the force exerted to pull open an armoured door does not exceed 10 lbs. (4.5kgs) and not exceed 7 lbs. (3.6 kgs) for non-armoured doors.
- 4.5.8 Fabrication must include the connection of wiring to all electrical hardware and terminal strips in the door frame.
- 4.5.9 Individual Door Assembly Finishes will be identified by the Technical Authority via a purchase document. Colour specifications can be found in section 7.2.3.
- 4.5.10 Door Assembly fabrication must be in accordance with the proposed and approved referenced Offeror Shop Drawings in section 8.6, and the proposed and approved Door Assemblies.

4.6 Identification and Labelling

- 4.6.1 Door Assembly Labelling must be applied on the jamb side edge of the door and must be completely concealed when the door is in the closed position.
- 4.6.2 The label must be metal and a permanent identification for the life of the door.
- 4.6.3 The label must include the following information:
 - 4.6.3.1 Offeror's name and address
 - 4.6.3.2 Date of manufacturer.
 - 4.6.3.3 Offeror's and Glazing manufacturer's product number and serial number.
 - 4.6.3.4 Purchase document number and Mark number.
 - 4.6.3.5 Fire rating
 - 4.6.3.6 Ballistic and Forced Entry rating

4.7 Lock Hardware and Installation

- 4.7.1 The approved GAC lock hardware for BR and FE doors are found in Annex C.
- 4.7.2 The lock Hardware selected for an individual Door Assembly will be identified on a purchase document. The Hardware will be provided by GAC and must be incorporated into the Door Assembly by the Offeror.

- 4.7.3 For all Bullet Resistant Door Assemblies: The Offeror must provide and install four "blow out pins" and a Roton #780 LL.
- 4.7.4 For all other Door Assemblies: The Offeror must provide and install three McKinney Ball Bearing NRP Hinges size 4.4" x 4".
- 4.7.5 The Offeror must mount hardware units at heights indicated in the manufacturer's installation instructions.
- 4.7.6 The Offeror must install all hardware items in accordance with the Manufacturer's instructions and recommendations, predrilling and fitting for installation of surface-mounted items after finishes have been completed.
- 4.7.7 The Offeror must set door assemblies level, plumb and true to line and location, adjusting and reinforcing the attachments as necessary for proper installation and operation.
- 4.7.8 The Offeror must drill and countersink units which are not factory prepared for anchorage fasteners.
- 4.7.9 The Offeror must space fasteners and anchors in accordance with the technical specifications and instructions of the hardware chosen by the Offeror. The Offeror must cut and fit threshold and floor covers to the profile of Door Assemblies, with mitered corners and hairline joints.
- 4.7.10 The Offeror must cut smooth openings for spindles, bolts and similar items when required.
- 4.7.11 The Offeror must adjust and check each operating item of hardware and each door to ensure proper operation and function

5.0 SECURITY WINDOW ASSEMBLIES

5.1 General Requirement

The work described in the following sub-sections and subsequent specifications consist of manufacturing requirements for the Bullet Resistant and Forced Entry window assemblies. Window Assemblies listed below are mandatory unless an equivalent can be proposed in the bid proposal:

- a) Bullet Resistant Fixed Window – UL 752 Level 1 (Various Sizes)
- b) Bullet Resistant mullion for Bullet Resistant Fixed window – UL 752 Level 1 (Various Sizes)
- c) Bullet Resistant Fixed Window – UL 752 Level 8 (Various Sizes)
- d) Bullet Resistant mullion for item Bullet Resistant Fixed Windows – UL 752 Level 8 (Various Sizes)
- e) Bullet Resistant speak through Window – UL 752 Level 1 (Various Sizes)
- f) Bullet Resistant mullion for Bullet Resistant speak through Window – UL 752 Level 1 (Various Sizes)
- g) Bullet Resistant speak through Window – UL 752 Level 8 (Various Sizes)
- h) Bullet Resistant mullion for Bullet Resistant speak though Window – UL 752 Level 8 (Various Sizes)

5.2 Physical Requirements

- 5.2.1 Individual window assemblies must be products of one supplier or source. Except as otherwise designated, assemblies must be constructed with products meeting the standards listed in sections 7.0 and 8.0.
- 5.2.2 Window profiles must be constructed as described in the Offeror's Shop Drawings.
- 5.2.3 The standard material for the Window Assemblies must be 12ga steel. Frames may require additional materials depending on the Bullet Resistant or Force Entry levels required.
- 5.2.4 Security window assemblies must be completely assembled units ready for installation when shipped.

5.3 Protection Standards

- 5.3.1 The Bullet Resistant Window Assembly must be in accordance with the required UL 752 Ballistic levels of protection.
- 5.3.2 The Window Assembly must be in accordance with the SD-STD-01.01 Force Entry levels
- 5.3.3 The Forced Entry Window Assembly must be in accordance with the EN 1627/30 Force Entry levels.

5.4 Fabrication, Pre-treatment, Preparation, and Finish

- 5.4.1 Window Assembly fabrication must be in accordance with approved Offeror Shop Drawings, and previously tested and approved Window Assemblies
- 5.4.2 Window frames must be factory assembled and require no welding in the field.
- 5.4.3 All exposed steel welds must be ground smooth.
- 5.4.4 Window Glazing must be pre-tested to fit frame before shipment by Offeror.
- 5.4.5 Window Assemblies must include two sets of anchor bolts a minimum of 3/8" diameter and 6" long. Offeror must provide a twenty percent surplus of the bolts required. One set must be designed for installation into a concrete structure, while the second set must be designed for installation into a metal reinforcing frame. Frames must contain predrilled holes for anchors at 10" on-center maximum. The cap plugs used in the frame must match the frame finish.
- 5.4.6 Fastenings, including screws, nuts, bolts, washers, rivets and other anchors, must be of suitable type and size to serve their intended function. All fastenings used in conjunction with the finish hardware must match the finish of the adjacent surface.
- 5.4.7 Glazing must be easily replaceable without removing the frame from its permanent location. All Glazing must have a minimum of 11/8" engagement in the frame.
- 5.4.8 Door window Glazing exposed to the elements must be caulked so as to be weather-proofed, using an aluminum silicon sealant manufactured by Rock River (Fastenal SKU – 0233651) or equivalent.

- 5.4.9 Window Pass-Thru Trays: below are the required dimensions for the window pass-thru tray. . If alternative dimensions are offered, they must be demonstrated on shop drawings as part of the offer.
- 5.4.9.1 The standard Pass-Thru tray is 17" D x 19" W with 1 ½" H, with a clearance of 1 ¼" for passing objects through the tray.
- 5.4.9.2 The overlapping lip on the tray at the counter must be a minimum of 1" and must be finished on all exposed edges.

5.5 Labelling and Identifying Devices

- 5.5.1 The Offeror must label each glazed panel to identify the "Attack Side", in red, as the surface to be exposed to the potential threat. The size of the label is to be 10"x10" and take the form of a sticker that while robustly attached, once removed will not leave any surface residue.
- 5.5.2 An electronic mock-up of the label must be provided to the GAC technical authority at time of bid.
- 5.5.3 Labelling must be done on the bottom ledge of the "secure side" of the window and must be visible.
- 5.5.4 The label must be metal, easily legible and form a permanent identification for the life of the window.
- 5.5.5 The label must include the following information:
- 5.5.5.1 Offeror's name and address.
 - 5.5.5.2 Date of manufacturer.
 - 5.5.5.3 Offeror's and Glazing manufacturer's product number and serial number.
 - 5.5.5.4 Purchase document number and Mark number.
 - 5.5.5.5 Fire rating.
 - 5.5.5.6 Bullet Resistant and Forced Entry rating.

6.0 GLAZING

6.1 General Requirements

- 6.1.1 The work described in the following sub-sections and subsequent specifications consist of manufacturing requirements for the Bullet Resistant Glazing items listed below:
- a) Bullet Resistant Glazing – UL 752 Level 1
 - b) Bullet Resistant Glazing – UL 752 Level 8
- 6.1.2 Glazing must not have any exposed polycarbonate surfaces.
- 6.1.3 The applications of Glazing include the following: doors and windows.
- 6.1.4 All Glazing must be protected until window installation is complete.

(End of page)

6.2 Material Requirements

- 6.2.1 Bullet Resistant Glazing must provide the required UL 752 levels of protection as specified on each individual purchase document to the Offeror from GAC.
- 6.2.2 Force Entry Glazing must provide the required EN 356 levels of protection as specified on each individual purchase document to the Offeror from GAC.
- 6.2.3 All Bullet Resistant Glazing must consist of a polycarbonate core; minimum 3/4". The use of monolithic glass is not permitted.
- 6.2.4 All Forced Entry Glazing must consist of a polycarbonate core; minimum 1/4". The use of monolithic glass is not permitted.
- 6.2.5 Glazing materials must have corners broken and polished to a minimum of ¼ inch prior to laminating and must have all edges ground to a radius of 1/16 of an inch minimum and must be polished with 120 grit paper. No chips or defects must be present along the edges of the glass.
- 6.2.6 The Offeror must provide the following Glazing materials with the Glazing at the time of purchase:
 - 6.2.6.1 Setting Blocks: Neoprene rate at 7090 durometer hardness.
 - 6.2.6.2 Spacers: Neoprene rated at 4050 durometer hardness.
 - 6.2.6.3 Cleaners and Primers: Type recommended by gasket manufacturer.

6.3 Standards and Performance

- 6.3.1 Watertight and airtight installation of each piece of Glazing is required
- 6.3.2 Exterior facing windows must be filled with argon gas.
- 6.3.3 Each installation of the Glazing into the Door or Window Assemblies must be capable of withstanding normal temperature fluctuations, wind loading and impact loading without failure of any kind including but not limited to loss or breakage of Glazing, the failure of gaskets to remain watertight and airtight, deterioration of Glazing materials and other defects in the work.
- 6.3.4 Glazing must be protected from edge damage at all times during operation, handling and installation into Door and Window Assemblies.
- 6.3.5 The Offeror is responsible for the correct Glazing size for each opening. The Glazing channel dimensions must be as shown on the Shop Drawings and provide a minimum bite of 3/4" on the Glazing, minimum edge clearance and reasonable tolerances.
- 6.3.6 The Offeror must comply with the recommendations from the Glazing manufacturer, the manufacturer of gaskets and the manufacturers of other materials used in Glazing, except where more stringent requirements are shown or specified.
- 6.3.7 The Offeror must inspect each piece of Glazing immediately before installation, and not use any which have observable edge damage or face imperfections.

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7.0 METAL REQUIREMENTS

7.1 Miscellaneous Metal Requirements

- 7.1.1 The Work described in this section consists of manufacturing requirements for all metal fabrications related to plates, bars, tubes, trim, framing, supports and all other miscellaneous metal products used in the fabrication of Door Assemblies, Window Assemblies, and Glazing.
- 7.1.2 All ferrous metal must be primed with a shop primer and finished to match window or door assemblies.
- 7.1.3 Metals must be in compliance with the AISC.
- 7.1.4 Metal rust inhibiting and paint adhesion must be in compliance with TT-C-490F.
- 7.1.5 For fabrication of miscellaneous metalwork exposed to view, the Offeror must use only materials which are smooth and free of surface blemishes.
- 7.1.6 All Metal listed in section 7.1.1 must conform to the following standards:
 - 7.1.6.1 For Steel Plates, Shapes and Bars: G40.20-13/G40.21-13(R2018) and American Society for Testing and Materials (ASTM) A36 / A36M - 19.
 - 7.1.6.2 For Steel Bar Grating: ASTM A1011 / A1011M - 18a or ASTM A36 / A36M - 19.
 - 7.1.6.3 For Structural Steel Sheet: Hot rolled, ASTM A1011 / A1011M - 18a, or cold rolled ASTM A1008 / A1008M - 18, Class 1; of grade required for design loading.
 - 7.1.6.4 High Hardness (MIL-DTL-46100E).
 - 7.1.6.5 For Brackets, Flanges and Anchors: Cast or formed metal of the same type material and finish as adjacent metal, unless otherwise indicated.

7.2 Pre-treatment, Preparation for Finish and Finish for All Ferrous Metals:

- 7.2.1 All ferrous metal surfaces must be thoroughly cleaned of oil and other impurities. They must also be treated for painting in accordance with TT-C-490F.
- 7.2.2 Primers must be compatible with and must be applied as recommended by finish coat manufacturers. The prime coat must level out to a one mm thickness plus/minus .25 mm.
- 7.2.3 The colour of a Window Assembly or Door Assembly inclusive of all miscellaneous metals will be identified on each individual purchase document. The finish must be a powder coat with textured finish. It must be a chemical, acid and solvent resistant coating containing an ultraviolet colour chart. The four standard colours listed below for coating doors and windows must be provided at no additional cost to GAC:
 - 7.2.3.1 Gray: RAL 9007 Grey Aluminum
 - 7.2.3.2 White: RAL9003 Signal White
 - 7.2.3.3 Charcoal Gray: RAL 9004 Signal Black
 - 7.2.3.4 Aluminum: RAL 9006 White Aluminum

7.2.4 The Offeror must conduct a yearly Finish Tests. The results of the finish tests must be kept on file for a minimum of one year and be provided upon request of GAC.

The test consists of the following:

7.2.4.1 The finish must be applied to a 4" x 6" 20-gauge sheet bent 180 degrees around a 1/8" diameter rod. A successful test will demonstrate no cracking, flaking, or loss of adhesion to the coating applied to the panel.

7.2.4.2 A similar sample must withstand a normal, firm hand stroke of 2H lead hardness pencil held at a 45-degree angle to the plane of the sample and pushed across the film surface without evidence of marring when viewed from any oblique angle in a strong light.

8.0 GENERAL STANDARDS AND QUALITY

8.1 Standards Documents Related to the Production of Materials

8.1.1 The manufacturing of all materials must adhere to the following standards:

8.1.1.1 Federal Standard Quality Control System Requirements 368A, International Organization for Standardization (ISO) 9000:2015, and Mil I 45208A dated December 10, 1979.

8.1.1.2 "Quality Management Systems – Fundamentals and Vocabulary" American Society for Quality (ASQ) Q9000, 2005.

8.1.1.3 "Specification of General Requirements for a Quality Program." ANSIZI.81971/ASQCC1, 1968.

8.1.2 The steel plate must meet the levels specified International Standard for Bullet-Resisting Equipment (UL 752).

8.2 Welding Standards

8.2.1 Welding must be completed by certified welders and in compliance with the American Welding Society AWS D17.1/D17.1M, D49001024SF001, Canadian Standards Association (CSA) W 59 1984.

8.2.2 All welding must be in accordance with CSA W591984. Offerors must be Certified International Association Welding (IAW) CSA W47.1 Div.2.1.

8.2.3 All surfaces must be cleaned and prepared as well as all steel must be primed in accordance with CSA S16-09 and CSA S1653 1981.

8.2.4 All welds on units must be of continuous weld construction in accordance with CSA W58-2018.

8.3 General Assurance Requirements

8.3.1 The Offeror must provide General Submittals, in accordance with Federal Standard 368A.

8.3.2 The Offeror must submit a certified written report, in duplicate, of "Notification of Inspection and Shipment" directly to the Technical Authority via e-mail as such reports are created.

8.3.3 Lot Reports: All Lots of ferrous and Glazing Armor must be tested by the manufacturer in accordance with "UL 752". A Lot is defined as all different heat lots for ferrous materials and extrusion lots for polycarbonate. Each test must be referenced by lot number, line item numbers, purchase document number and serial numbers for each item.

Lot reports must be attached to the invoice of the relevant purchasing document.

8.3.4 Documentation:

All documentation to support products must be provided in both official languages (English and French).

8.3.5 The Offeror must retain all test results and Shop Drawings related to the resulting Contractual Vehicle and all Purchasing Documents for a minimum of one year (English only).

8.4 Quality Assurance Reports

8.4.1 The requirements described in this section as it related to reports, inspections and the information required on these documents apply to the following reports:

- 8.4.1.1 Inspection Reports:
- 8.4.1.2 Final Inspection Report;
- 8.4.1.3 Steel Plate Report
- 8.4.1.4 Glazing Report;
- 8.4.1.5 Preparation and Painting Report;
- 8.4.1.6 Certification of Calibration;
- 8.4.1.7 Dimensional Conformity.

8.4.2 Written reports of each inspection, test or similar service reference in section 8.5.1 must be sent to the technical authority two weeks before shipment and include the following:

- 8.4.2.1 Name of Offeror and Inspector.
- 8.4.2.2 Address of Manufacturing Facility (Point of Production)
- 8.4.2.3 Dates and locations of samples, tests or inspections.
- 8.4.2.4 Job No.
- 8.4.2.5 Part/Mark No.
- 8.4.2.6 Inspection/Test Data
 - 8.4.2.6.1 Requirement listing: A list of each requirement being tested for the purpose of fulfilling a purchase document.
 - 8.4.2.6.2 Findings: This section must include the observations, measurements taken, gauge readings, deviations from the norm, and all other relevant data of note. This should be formatted as a written recording of the actions taken as

opposed to a checklist version of an inspection. The purpose of this is to identify problems or trends that may be developing.

- 8.4.2.6.3 Test Results and Interpretations.
- 8.4.2.6.4 Instructions for Acceptance Criteria.
- 8.4.2.6.5 Recommendations on retesting, if applicable.

8.5 Shop Drawings

8.5.1 Shop Drawings are a combination of documents and images providing a proposed description of an identified requirement. The purpose of Shop Drawings will be to provide GAC with an overview of the proposed solution for the requirement once completed. Shop Drawings will be submitted by the Offeror to GAC at time of bid close, and will be subject to approval by the Technical Authority. The Offeror must submit Shop Drawings of the following:

- 8.5.1.1 A Forced Entry Door Assembly
- 8.5.1.2 A Bullet Resistant Door Assembly
- 8.5.1.3 A Bullet Resistant Window Assembly
- 8.5.1.4 A Bullet Resistant speak through Window Assembly

8.5.2 Any Shop Drawing submitted by the Offeror must consist of :

- 8.5.2.1 Depictions of sections of members showing construction, sizes and thickness of components together with connections, fastenings and means of separating dissimilar metals.
- 8.5.2.2 Depictions of connections to adjacent construction, finishes and related components that are related to the Offeror's assembly.

9.0 SHIPPING, PACKAGING AND HANDLING

9.1 General Shipping, Packaging and Handling

- 9.1.1 All products are to be supplied to GAC inclusive of shipping, packaging and in accordance to delivery specifications.
- 9.1.2 Before crating begins a final inspection may be requested by the Technical Authority to reconfirm and assure that the product meets the quality criteria established in the Quality Control Program
- 9.1.3 Latch bolts and deadbolts for all locksets, exit devices, and other locks must be secured in a fashion that will not allow for their activation during shipment.
- 9.1.4 Each Door Assembly and Window Assembly frame crate must include the following:

- 9.1.4.1 Offeror's up to date, detailed in English and French installation instructions,
- 9.1.4.2 Applicable amount for each attachment point of 3/8" x 6" Zinc-Plated anchor bolts and drill bit for masonry walls,

- 9.1.4.3 Applicable amount for each attachment point of 3/8" x 6" Zinc-Plated bolts, drill bit and tap for steel channel, and
- 9.1.4.4 A minimum of 20 composite shim plates.
- 9.1.5 The following must be printed in bold bright orange or red letters on the top and sides of each door and window frame crate: "HARDWARE/INSTRUCTIONS INSIDE"
- 9.1.6 A "Final Inspection Sheet" must be completed and affixed to the interior of the crate or onto the product itself and include:
- 9.1.6.1 date crated
 - 9.1.6.2 crate properly labelled
 - 9.1.6.3 Latch bolts and/or deadbolts for all locksets, exit devices, and other locks are secured
 - 9.1.6.4 Installation Instructions in crate
 - 9.1.6.5 Quantity of anchor bolts included
 - 9.1.6.6 Quantity of shims included
 - 9.1.6.7 extra accessories in crate (i.e. caulking)
- 9.1.7 The containers must be constructed of 2" thick perimeter wood framing. The lumber used must be of Grade 2, seasoned Spruce, Pine, or Fir, group designation to conform to CSA 0141, and must be sound and free of imperfections or defects. The width of this lumber must be determined by the contents to be crated. The framing must be covered with 1/2" Fir plywood of Construction grade sheeting with water-resistant glue manufactured in accordance with the provisions of CSA 0121, CSA 0151, and CSA 0153. The sheeting must be affixed to the frame with galvanized nails or screws.
- 9.1.8 The interior of all containers must be lined with a polyethylene sheet with a minimum thickness of .004 inch. Cushioning must also be provided to prevent the surfaces of the ballistic material from being marred by the contact with the interior wood members. Protective film must be provided on all window and door surfaces, to last until the window or door is commissioned.
- 9.1.9 All nails must be galvanized to CSA B111 1974, of appropriate length and size. Caulking compound must also be applied to all butt joints and where individual plywood panels are attached. Door, window and window/counter-frames must be bolted to the wood perimeter frame or alternatively locked in place by wood members.
- 9.1.10 Steel corner protectors and/or steel gussets of adequate gauge must be applied at the four outer corners of the wood cases. Steel tension straps, not less than 0.75" width by .035" thick must be applied tightly and securely to the girth with two straps across each major container face for a total of four straps per container minimum.
- 9.1.11 Loose items must include complete up to date detailed instructions and must be clearly identified for location within the structure.

- 9.1.12 Items must be secured into appropriate crates so as to prevent any damage to other pieces in the crate during shipping.
- 9.1.13 All hardware must be installed and tested for proper operation on the door/frame before crating. Any hardware that's required to be removed for crating must be tagged and packaged separately in the corresponding crate with proper identification along with all appropriate installation instructions for local contractor to install on-site.
- 9.1.14 All items on a resulting purchase document valued under CAD \$250,000.00 must be received at the Delivery location within 60 days.
- 9.1.15 Metals must be in compliance with [ISPM 15](#) packing requirements.

9.2 Shipping, packaging, and handling requirement specific to Glazing

- 9.2.1 In each instance, the Glazing must be packaged and crated separately from any other parts or components of the total assembly.
- 9.2.2 The perimeter of Glazing for windows and counters must be enclosed by a 4 x 3.5 x 1-inch thick polyethylene foam channel with a density of 6 pounds per cubic foot.
- 9.2.3 Crated Glazing must be covered by a 8 x 11.25 x 4-inch thick polyethylene foam channel with a density of 2 pounds per cubic foot.
- 9.2.4 All foam channels must be continuously heat bonded along their length and at all butt joints.
- 9.2.5 Security Glazing must be completely protected against scratches or marring during crating, transportation and installation.

9.3. Shipping, packaging, and handling requirements specific to Door Assemblies

- 9.3.1 The Offeror must package the Door Assembly into a crate as securely as possible in accordance with the following:
 - 9.3.1.1 Offeror must set units plumb, level and true to line, without warp or rack; shim as required.
 - 9.3.1.2 All door and frame surfaces must be covered with a removable plastic protection film.
 - 9.3.1.3 Frames must be solidly anchored to the crate to prevent distortion or misalignment.
 - 9.3.1.4 The Offeror must include any hardware or accessories package packed separately (including touchup primer or paint as applicable) accompanied by complete, easily understood, up to date detailed installation instructions.
 - 9.3.1.5 Offeror must include silicon caulking and any other accessory items required to fully install items so that a delivered crate contains all necessary items to install

9.4. Shipping, packaging, and handling requirements specific to Window Assemblies

- 9.4.1. The Offeror must package the complete assembly into a crate as securely as possible in accordance with the following:
- 9.4.2. Units must be Set plumb, level and true to line, without warp or rack. Shims are to be added as required.
- 9.4.3. Frames must be Anchored solidly to crate to prevent distortion or misalignment.
- 9.4.4. Touch up paint, silicone caulking and accessories must be included and packaged separately.
- 9.4.5. Glazing must be packaged in a separate crate.
- 9.4.6. All window assemblies' surfaces must be covered with a removable plastic protection film.

10. SUPPORT PROVIDED BY GLOBAL AFFAIRS CANADA

- 10.1. GAC will supply all lock hardware. Lock hardware must be installed by the Offeror, based on the GAC hardware schedule for each order. The GAC lock hardware schedule will be provided with the purchasing document.
- 10.2. GAC will provide all installation documentation for the required approved lock hardware.

11. OFFEROR'S QUALIFICATIONS

11.1. Experience

- 11.1.1. The Offeror must demonstrate that they have provided door and window products with equivalent standards to those herein by providing Project Summaries. The Offeror must demonstrate that they have executed 3 contracts each valued at a minimum of CAD \$250,000.00 within the past 10 years from bid closing.
- 11.1.2. The Offeror must provide documentation that they have been duly incorporated and conducting business in the commercial door and window industry for at least five years.

11.2. Certifications

Offerors must be Certified International Association Welding (IAW) CSA W47.1 Div.2.1

Appendix 1.A - Preferred and Approved lock hardware

The following hardware will be provided by GAC as and when required:

Hardware	Hand	RC2 ¹	RC3 ²	DOS
Corbin Russwin 2057/ Folgers Adams 712	LH	X		
Corbin Russwin 2057/ Folgers Adams 712	RH	X		
Corbin Russwin 2057/ HES 1006	LH	X		
Corbin Russwin 2057/ HES 1006	RH	X		
Corbin Russwin 2029/ Folgers Adams 310	LH	X	X	X
Corbin Russwin 2029/ Folgers Adams 310	RH	X	X	X
Corbin Russwin 2029/ Folgers Adams 310	LHR	X	X	X
Corbin Russwin 2029/ Folgers Adams 310	RHR	X	X	X
Von Duprin 9857	LHR		X	X
Von Duprin 9857	RHR		X	X

Note: In the event where the offeror elects not to use the pre-approved hardware provided by GAC, equivalent hardware may be used, if certified or witness tested to the standards listed in the table.

(End of page)

¹ As required to meet EN 1627/30 RC2

² As required to meet EN 1627/30 RC4

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Annex "B" – Basis of Payment

Item	Description	SOW Reference	Unit of measure	Unit Price (\$)				
				Year 1 (A)	Year 2 (B)	Year 3 (C)	Option 1 (D)	Option 2 (E)
Doors								
1.	Bullet Resistant Door – UL 752 Level 1 Multi Lite	Annex A, Section 4.1	Each					
2.	Bullet Resistant Door – UL 752 Level 1 Half Lite	Annex A, Section 4.1	Each					
3.	Bullet Resistant Door – UL 752 Level 1 Narrow Lite	Annex A, Section 4.1	Each					
4.	Bullet Resistant Door – UL 752 Level 1 Flush	Annex A, Section 4.1	Each					
5.	Bullet Resistant Door – UL 752 Level 8 Multi Lite	Annex A, Section 4.1	Each					
6.	Bullet Resistant Door – UL 752 Level 8 Half Lite	Annex A, Section 4.1	Each					
7.	Bullet Resistant Door – UL 752 Level 8 Narrow Lite	Annex A, Section 4.1	Each					
8.	Bullet Resistant Door – UL 752 Level 8 Flush Lite	Annex A, Section 4.1	Each					
9.	Steel Door 16ga – Non-Rated (Flush)	Annex A, Section 4.1	Each					
10.	Forced Entry Door – EN 1627/30 RC2 (Half Lite) – EN356 P4A (Force Entry Glazing Standard)	Annex A, Section 4.1	Each					

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Item	Description	SOW Reference	Unit of measure	Unit Price (\$)				
				Year 1 (A)	Year 2 (B)	Year 3 (C)	Option 1 (D)	Option 2 (E)
11.	Forced Entry Door – EN 1627/30 RC2 (Narrow Lite) – EN356 P4A (Force Entry Glazing Standard)	Annex A, Section 4.1	Each					
12.	Forced Entry Door – EN 1627/30 RC2 (Flush) – EN356 P4A (Force Entry Glazing Standard)	Annex A, Section 4.1	Each					
13.	Forced Entry Door – EN 1627/30 RC3 (Half Lite) – EN356 P5A (Force Entry Glazing Standard)	Annex A, Section 4.1	Each					
14.	Forced Entry Door – EN 1627/30 RC3 (Narrow Lite) – (Force Entry Glazing Standard)	Annex A, Section 4.1	Each					
15.	Forced Entry Door – EN 1627/30 RC3 (Flush) – EN356 P5A (Force Entry Glazing Standard)	Annex A, Section 4.1	Each					
16.	Covered stainless-steel pass-through trays	Annex A, Section 4.1	Each					
17.	STC 52 Rating (addition to door)	Annex A, Section 4.1	per sq./ft					
Windows								
18.	Bullet Resistant fixed window – UL 752 Level 1 (Various Sizes)	Annex A, Section 5.1	per sq./ft.					
19.	Bullet Resistant mullion for Bullet Resistant Fixed window – UL 752 Level 1 (Various Sizes)	Annex A, Section 5.1	per sq./ft.					

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Item	Description	SOW Reference	Unit of measure	Unit Price (\$)				
				Year 1 (A)	Year 2 (B)	Year 3 (C)	Option 1 (D)	Option 2 (E)
20.	Bullet Resistant fixed window – UL 752 Level 8 (Various Sizes)	Annex A, Section 5.1	per sq./ft.					
21.	Bullet Resistant mullion for item Bullet Resistant Fixed Windows – UL 752 Level 8 (Various Sizes)	Annex A, Section 5.1	per sq./ft.					
22.	Bullet Resistant speak through window – UL 752 Level 1 (Various Sizes)	Annex A, Section 5.1	per sq./ft.					
23.	Bullet Resistant mullion for Bullet Resistant speak through Window – UL 752 Level 1 (Various Sizes)	Annex A, Section 5.1	per sq./ft.					
24.	Bullet Resistant speak through window – UL 752 Level 8 (Various Sizes)	Annex A, Section 5.1	per sq./ft.					
25.	Bullet Resistant mullion for Bullet Resistant speak through Window – UL 752 Level 8 (Various Sizes)	Annex A, Section 5.1	per sq./ft.					
Glazing								
26.	Bullet Resistant glazing– UL 752 Level 1	Annex A, Section 6.1	per sq./ft					
27.	Bullet Resistant glazing– UL 752 Level 8	Annex A, Section 6.1	per sq./ft					

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Annex "C" – Usage Report
(To be inserted at issuance of standing offer)

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Annex "D" – Evaluation Criteria

Mandatory Criteria	Description	Offer Page # Reference	Supporting Documentation Requested
4.2	Physical and Mechanical Requirements of Door Assemblies		
4.2.1	Individual Door Assemblies must be products of a single supplier or source. Unless otherwise designated, Door Assemblies must be fabricated only from products meeting the requirements referenced in sections 7.0. and 8.0.		Written Attestation Shop Drawing or Brochure
4.2.2	All doors must be standard size 36" x 84" x 1.75" .		Shop Drawing or Brochure
4.2.3	All door types must be available as Flush, Half lite, Narrow Lite and Multi-Lite.		Shop Drawing or Brochure
4.2.4	For all electrically operated doors, a four-wire terminal block must be installed in the header of the door frame approximately 6 " from the opening edge of the door. This terminal block must be concealed but fully accessible and must be protected by a 1" x 4" screw mounted terminal cover on the protected side (interior) of the door frame.		Shop Drawing
4.2.5	A 1/2" conduit must be installed in the frame from the terminal block to the electric device being installed using 18-gauge stranded wire. It is the Offeror's responsibility to ensure that the conduit is installed in the proper location.		Shop Drawing
4.2.6	The steel butt frames must be welded and have a throat dimension between 4" and 4.75" for both Force Entry doors and Bullet Resistant Doors.		Shop Drawing or Brochure
4.2.8	All doors must utilize "Z" ribbing stiffeners. Full-length vertical stiffeners must be a maximum of 6" apart. On any opaque door, ladder formation must be used.		Shop Drawing or Brochure

Mandatory Criteria	Description	Offer Page # Reference	Supporting Documentation Requested
4.3	Material Requirements		
4.3.1	The standard material for the Bullet Resistant, Forced Entry and Non-Rated doors is described below but may require additional materials depending on the Bullet Resistant or Force Entry levels required. All materials used must be compatible with and in conjunction with all Material Requirements in sections 7.0 and 8.0.		Written Attestation
4.3.2	All doors must be provided with a minimum of 3 resilient silencers on the lock side		Shop Drawing or Brochure
4.3.3	All doors must contain IKO Enerfoil, 1 ½" thick.		Shop Drawing or Brochure
4.3.4	All Bullet Resistant doors must have a maximum thickness of 1.75". The base units must have a minimum skin of 14-gauge steel with armoured plating. The door frames must be built with a minimum of 12-gauge steel.		Shop Drawing or Brochure
4.3.5	All Forced Entry and non-rated steel doors must have a maximum thickness of 1.75". The base units must have a minimum skin of 16-gauge steel. The door frames must be built with a minimum of 16 gauge steel.		Shop Drawing or Brochure
4.3.6	All door window stops must be welded to form a monolithic frame.		Shop Drawing or Brochure
4.4	4.4 Protection Standards		
4.4.1	The full Bullet Resistant Door Assemblies must be in accordance with the UL 752 Ballistic level of Bullet Resistant protection.		Certification
4.4.2	The full Door Assembly must be in accordance with the SD-STD-01.01 Force Entry levels.		Certification
4.4.3	The full Forced Entry Door Assemblies must be in accordance with the European Committee for Standardization (CEN) EN 1627/30 Force Entry levels as identified.		Certification

Mandatory Criteria	Description	Offer Page # Reference	Supporting Documentation Requested
4.5	Fabrication, Pre-treatment, Preparation, and Finish		
4.5.7	Door Assemblies must be balanced so that, when measured with a door pressure gauge, the force exerted to pull open an armoured door does not exceed 10 lbs. (4.5kgs) and not exceed 7 lbs. (3.6 kgs) for non-armoured doors.		Brochure or Written Attestation
4.5.10	Door Assembly fabrication must be in accordance with the proposed and approved referenced Offeror Shop Drawings in section 8.6, and the proposed and approved Door Assemblies.		Written Attestation
4.6	Identification and Labelling		
4.6.1	Door Assembly Labelling must be applied on the jamb side edge of the door and must be completely concealed when the door is in the closed position.		Shop Drawing
4.7	Hardware and Installation		
4.7.3	For all Bullet Resistant Door Assemblies: The Offeror must provide and install four "blow out pins" and a Roton #780 LL.		Shop Drawings
4.7.4	For all other Door Assemblies: The Offeror must provide and install three McKinney Ball Bearing NRP Hinges size 4.4" x 4".		Shop Drawings
4.7.5	The Offeror must mount hardware units at heights indicated in the manufacturer's installation instructions.		Shop Drawings
5.2	Physical Requirements		
5.2.1	Individual window assemblies must be products of one supplier or source. Except as otherwise designated, assemblies must be constructed with products meeting the standards listed in sections 7.0 and 8.0.		Written Attestation
5.2.3	The standard material for the Window Assemblies must be 12ga steel. Frames may require additional materials depending on the Bullet Resistant or Force Entry levels required.		Shop Drawing or Brochure

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Mandatory Criteria	Description	Offer Page # Reference	Supporting Documentation Requested
5.3	Protection Standards		
5.3.1	The full Bullet Resistant Window Assembly must be in accordance with the required UL 752 Ballistic levels of protection.		Certification or Certified Witness Test
5.3.2	The full Window Assembly must be in accordance with the SD-STD-01.01 Force Entry Levels		Certification or Certified Witness Test
5.3.3	The full Forced Entry Window Assembly must be in accordance with the EN 1627/30 Force Entry Levels.		Certification or Certified Witness Test
5.4	Fabrication, Pre-treatment, Preparation, and Finish		
5.4.9	Window Pass-Thru Trays: below are the proposed dimensions for the window pass-thru tray. Alternative dimensions as demonstrated on shop drawings provided by the Offeror are subject to the approval of the technical authority at bid closing.		Shop Drawing or Brochure
5.4.9.1	The Pass-Thru tray should be 17" D x 19" W with 1 ½" H, with a clearance of 1 ¼" for passing objects through the tray.		
5.4.9.2	The overlapping lip on the tray at the counter must be a minimum of 1" and must be finished on all exposed edges.		
5.5	Labelling and Identifying Devices		
5.5.2	An electronic mock-up of the label must be provided to the GAC technical authority at time of bid.		Sample or Shop Drawing
5.5.3	Labelling must be done on the bottom ledge of the window and must be visible.		Shop Drawing

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Mandatory Criteria	Description	Offer Page # Reference	Supporting Documentation Requested
6.2	Material Requirements		
6.2.1	Bullet Resistant Glazing must provide the required UL 752 levels of protection as specified on each individual purchase document to the Offeror from GAC.		Certification
6.2.2	Force Entry Glazing must provide the required EN 356 levels of protection as specified on each individual purchase document to the Offeror from GAC.		Certification
6.2.3	All Bullet Resistant Glazing must consist of a polycarbonate core; minimum 3/4". The use of monolithic glass is not permitted.		
6.2.4	All Forced Entry Glazing must consist of a polycarbonate core; minimum 1/4". The use of monolithic glass is not permitted. The Offeror must provide the following Glazing materials with the Glazing at the time of purchase:		Brochure or Shop Drawing Brochure or Shop Drawing
6.2.6	6.2.6.1 Setting Blocks: Neoprene rate at 7090 durometer hardness. 6.2.6.2 Spacers: Neoprene rated at 4050 durometer hardness. 6.2.6.3 Cleaners and Primers: Type recommended by gasket manufacturer.		Brochure or Shop Drawing

Mandatory Criteria	Description	Offer Page # Reference	Supporting Documentation Requested
6.3	Standards and Performance		
6.3.2	Exterior facing windows must be filled with argon gas.		Brochure or Shop Drawing
6.3.3	Each installation of the Glazing into the Door or Window Assemblies must be capable of withstanding normal temperature fluctuations, wind loading and impact loading without failure of any kind including but not limited to loss or breakage of Glazing, the failure of gaskets to remain watertight and airtight, deterioration of Glazing materials and other defects in the work.		Brochure or Shop Drawing
6.3.5	The Offeror is responsible for the correct Glazing size for each opening. The Glazing channel dimensions must be as shown on the Shop Drawings and provide a minimum bite of 3/8" on the Glazing, minimum edge clearance and reasonable tolerances.		Brochure or Shop Drawings
7.1	Miscellaneous Metal Requirements		
7.1.2	All ferrous metal must be primed with a shop primer and finished with a finish coat.		Brochure or Shop Drawing
7.1.3	Metals must be in compliance with the AISC.		Brochure or Shop Drawing
7.1.4	Metal rust inhibiting and paint adhesion must be in compliance with TT-C-490F.		Brochure or Shop Drawing
7.1.6	All Metal listed in section 7.1.1 must conform to the following standards: 7.1.6.1 For Steel Plates, Shapes and Bars: G40.20-13/G40.21-13(R2018) and American Society for Testing and Materials (ASTM) A36 / A36M - 19.7.1.6.2 For Steel Bar Grating: ASTM A1011 / A1011M - 18a or ASTM A36 / A36M - 19.7.1.6.3 For Structural Steel Sheet: Hot rolled, ASTM A1011 / A1011M - 18a, or cold rolled ASTM A1008 / A1008M - 18, Class 1, of grade required for design loading. 7.1.6.4 High Hardness (MIL-DTL-46100E). 7.1.6.5 For Brackets, Flanges and Anchors: Cast or formed metal of the same type material and finish as adjacent metal, unless otherwise indicated.		Brochure or Shop Drawing

Mandatory Criteria	Description	Offer Page # Reference	Supporting Documentation Requested
7.2	Pre-treatment, Preparation for Finish and Finish for All Ferrous Metals:		
7.2.1	All ferrous metal surfaces must be thoroughly cleaned of oil and other impurities. They must also be treated for painting in accordance with TT-C-490F.		Brochure or Shop Drawing
7.2.2	Primers must be compatible with and must be applied as recommended by finish coat manufacturers. The prime coat must level out to a one mm thickness plus/minus .25 mm.		Shop Drawings
7.2.3	The colour of a Window Assembly or Door Assembly inclusive of all miscellaneous metals will be identified on each individual purchase document. The finish must be a powder coat. It must be a chemical, acid and solvent resistant coating containing an ultraviolet colour chart. The four standard colours listed below for coating doors and windows must be provided at no additional cost to GAC: 7.2.3.1 Gray: RAL 9007 Grey Aluminium 7.2.3.2 White: RAL9003 Signal White 7.2.3.3 Charcoal Gray: RAL 9004 Signal Black 7.2.3.4 Aluminium: RAL 9006 White Aluminium		Written Attestation
8.1	Standards Documents Related to the Production of Materials		
	The manufacturing of all materials must adhere to the following standards: 8.1.1.1 Federal Standard Quality Control System Requirements 368A, International Organization for Standardization (ISO) 9000:2015, and Mil I 45208A dated December 10, 1979.		
8.1.1	8.1.1.2 "Quality Management Systems – Fundamentals and Vocabulary" American Society for Quality (ASQ) Q9000, 2005.		
	8.1.1.3 "Specification of General Requirements for a Quality Program." ANSIZI.81971/ASQCC1, 1968.		Written Attestation
8.1.2.	The steel plate must meet the levels specified International Standard for Bullet-Resisting Equipment UL 752.		Certification

Mandatory Criteria	Description	Offer Page # Reference	Supporting Documentation Requested
8.2	Welding Standards		
8.2.1	Welding must be completed by certified welders and in compliance with the American Welding Society AWS D17.1/D17.1M, D49001024SF00.1, Canadian Standards Association (CSA) W 59 1984.		Certification or Written Attestation
8.2.2	All welding must be in accordance with CSA W591984. Offerors must be Certified International Association Welding (IAW) CSA W47.1 Div.2.1.		Certification
8.3	General Assurance Requirements		
8.3.3.	Lot Reports: All Lots of ferrous and Glazing Armor must be tested by the manufacturer in accordance with "UL 752" . A Lot is defined as all different heat lots for ferrous materials and extrusion lots for polycarbonate. Each test must be referenced by lot number, line item numbers, purchase document number and serial numbers for each item.		written report
8.3.5	The Offeror must retain all test results and Shop Drawings related to the resulting Contractual Vehicle and all Purchasing Documents for a minimum of one year (English only).		Written Attestation
8.5	Shop Drawings		
8.5.1	Shop Drawings are a combination of documents and images providing a proposed description of an identified requirement. The purpose of Shop Drawings will be to provide GAC with an overview of the proposed solution for the requirement once completed. Shop Drawings will be submitted by the Offeror to GAC at time of bid close, and will be subject to approval by the Technical Authority. The Offeror must submit Shop Drawings of the following:8.5.1.1 A Forced Entry Door Assembly8.5.1.2 A Bullet Resistant Door Assembly8.5.1.3 A Bullet Resistant Window Assembly8.5.1.4 A Bullet Resistant speak through Window Assembly		Shop Drawings
8.5.2	Any Shop Drawing submitted by the Offeror must consist of: 8.5.2.1 Depictions of sections of members showing construction, sizes and thickness of components together with connections, fastenings and means of separating dissimilar metals. 8.5.2.2 Depictions of connections to adjacent construction, finishes and related components that are related to the Offeror's assembly.		

Solicitation No. - N° de l'invitation
08843-200071/A
Client Ref. No. - N° de réf. du client
08843-200071

Amd. No. - N° de la modif.
File No. - N° du dossier
hh460.08843-200071

Buyer ID - Id de l'acheteur
hh460
CCC No./N° CCC - FMS No./N° VME

Mandatory Criteria	Description	Offer Page # Reference	Supporting Documentation Requested
9.1	General Shipping, Packaging and Handling		
9.1.1.14	All items on a resulting purchase document valued under CAD \$250,000.00 must be received at the Delivery location within 60 days.		Written Attestation
11.1	Experience		
11.1.1	The Offeror must demonstrate that they have provided door and window products with similar standards to those herein by providing Project Summaries. The Offeror must demonstrate that they have executed 3 contracts each valued at a minimum of CAD \$250,000.00 within the past 10 years from bid closing.		Project Summaries
11.1.2	The Offeror must demonstrate that they have been duly incorporated and conducting business in the commercial door and window industry for at least five years.		Incorporation date or Proposal
11.2	Certifications		
11.2.1	Offerors must be Certified International Association Welding (IAW) CSA W47.1 Div.2.1		Certification

**ANNEX "E" to PART 5 OF THE REQUEST FOR STANDING OFFERS
FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY - CERTIFICATION**

I, the Offeror, by submitting the present information to the Standing Offer Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare an offer non-responsive, or may set-aside a Standing Offer, or will declare a contractor in default, if a certification is found to be untrue, whether during the offer evaluation period, during the Standing Offer period, or during the contract period. Canada will have the right to ask for additional information to verify the Offeror's certifications. Failure to comply with any request or requirement imposed by Canada may render the Offer non-responsive, may result in the Standing Offer set-aside or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\) – Labour's](#) website.

Date: _____(YYYY/MM/DD) (If left blank, the date will be deemed to be the RFSO closing date.)

Complete both A and B.

A. Check only one of the following:

- A1. The Offeror certifies having no work force in Canada.
- A2. The Offeror certifies being a public sector employer.
- A3. The Offeror certifies being a federally regulated employer being subject to the Employment Equity Act.
- A4. The Offeror certifies having a combined work force in Canada of less than 100 permanent full-time and/or permanent part-time employees.
- A5. The Offeror has a combined workforce in Canada of 100 or more employees; and
 - A5.1 The Offeror certifies already having a valid and current Agreement to Implement Employment Equity (AIEE) in place with ESDC-Labour.

OR

- A5.2 The Offeror certifies having submitted the Agreement to Implement Employment Equity (LAB1168) to ESDC-Labour. As this is a condition to issuance of a standing offer, proceed to completing the form Agreement to Implement Employment Equity (LAB1168), duly signing it, and transmit it to ESDC-Labour.

B. Check only one of the following:

- B1. The Offeror is not a Joint Venture.

OR

- B2. The Offeror is a Joint venture and each member of the Joint Venture must provide the Standing Offer Authority with a completed annex Federal Contractors Program for Employment Equity - Certification. (Refer to the Joint Venture section of the Standard Instructions)