



National Defence

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Défense nationale

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

Proposal To: National Defence Canada

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods and services listed herein and on any attached sheets at the price(s) set out therefore.

Proposition à : Défense nationale Canada

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens et services énumérés ici et sur toute feuille ci-annexée, au(x) prix indique(s).

Comments - Commentaires

RETURN BIDS TO: RETOURNER LES SOUMISSIONS À :

By e-mail to: - Par courriel au :
DLP53BidsReceiving.DAAT53Receptiondessoumissions@forces.gc.ca

Attention: - Attention:
Kevin Selim

Solicitation Closes - L'invitation prend fin

At - à :
2:00 PM - 14:00

On - le
25 October 2022 – 25 Octobre 2022

Time Zone - Fuseau Horaire :
Eastern Daylight Time (EDT)
Heure avancée de l'Est (HAE)

Title - Sujet Small Arms Shock Amplifier – Amplificateur de choc pour armes légères.	
Solicitation No. N° de l'invitation W8476-236633/A	Date of Solicitation Date de l'invitation 13 September 2022 – 13 Septembre 2022
Address enquiries to: - Adresser toute demande de renseignements à : Kevin Selim E-Mail Address - Courriel Kevin.selim@forces.gc.ca	
Destination See herein - Voir aux présentes	

Instructions: Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions : Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

Delivery requested Livraison demandée See herein - Voir aux présentes	Delivery offered Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Person authorized to sign on behalf of Vendor/Firm (type or print): La personne autorisée à signer au nom du fournisseur/de l'entrepreneur (taper ou écrire en caractères d'imprimerie) :	
Name - Nom	Title - Titre
Signature	Date

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PART 1 - GENERAL INFORMATION

1.1 Requirement

- A. The Department of National Defence (DND) has a requirement to procure one (1) Small Arms Shock Amplifier for delivery to DND - Quality Engineering Testing Establishment. The requested delivery date is on or before 60 days after contract award.
- B. The requirement is detailed under the article entitled Requirement of the resulting contract clauses in Part 6.

1.2 Security Requirements

- A. There is no security requirement associated with this bid solicitation.

1.3 Debriefings

- A. Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

A. All instructions, clauses and conditions identified in this document and any of its attachments by number, date, and title are either:

- (i) Set out in the Standard Acquisition Clauses and Conditions (SACC) Manual (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada; or
- (ii) Included as attachments.

These documents are incorporated by reference and they form part of this document as though they were expressly set out here in full.

B. Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

C. The 2003 (2020-05-28), Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation, with the following modification(s):

- (i) Section 02, Procurement Business Number, is deleted in its entirety;
- (ii) Section 05, Submission of bids, subsection 2, paragraph d., is deleted in its entirety and replaced with the following:
 - d. send its bid only to the location specified on page 1 of the bid solicitation or to the address specified in the bid solicitation.
- (iii) Section 05, Submission of bids, subsection 4, is amended as follows:
 - Delete: 60 days
 - Insert: 120 days
- (iv) Section 06, Late bids, is deleted in its entirety;
- (v) Section 07, Delayed bids, is deleted in its entirety and replaced with the following:
 - 07 Delayed bids
 - 1. It is the Bidder's responsibility to ensure that the Contracting Authority has received the entire submission. Misrouting or other electronic delivery issues resulting in late submission of bids will not be accepted.
- (vi) Section 08, Transmission by facsimile or by epost Connect, is deleted in its entirety.
- (vii) Section 20, Further information, subsection 2, is deleted in its entirety.

2.2 Submission of Bids

A. Bids must be submitted only to the Department of National Defence (DND) by the date, time, and place indicated on page 1 of the bid solicitation.

B. Due to the nature of the bid solicitation, bids transmitted by facsimile will not be accepted.

C. Due to the nature of the bid solicitation, bids transmitted by epost Connect will not be accepted.

2.2.1 Electronic Submissions

- A. Individual e-mails that may include certain scripts, formats, embedded macros and/or links, or those that exceed 5 megabytes may be rejected by Canada's e-mail system and/or firewall(s) without notice to the Bidder or Contracting Authority. Larger bids may be submitted through more than one e-mail. Canada will confirm receipt of documents. It is the Bidder's responsibility to ensure that their entire submission has been received. Bidders should not assume that all documents have been received unless Canada confirms receipt of each document. In order to minimize the potential for technical issues, bidders are requested to allow sufficient time before the closing date and time to confirm receipt. Bid documents submitted after the closing time and date will not be accepted.

2.3 Enquiries - Bid Solicitation

- A. All enquiries must be submitted in writing to the Contracting Authority no later than 10 calendar days before the bid closing date. Enquiries received after that time may not be answered.
- B. Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders 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 the Bidder do so, so that the proprietary nature of the question(s) is eliminated and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.4 Applicable Laws

- A. Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.
- B. Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, 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 Bidders.

2.5 Improvement of Requirement during Solicitation Period

- A. Should bidders consider that the specifications or Requirement contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation; bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least 10 days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

- A. Canada requests that Bidders provide their bid in separate sections as follows:

Section I: Technical Bid: 1 soft copy in PDF format by e-mail;
Section II: Financial Bid: 1 soft copy in PDF format by e-mail;
Section III: Certifications: 1 soft copy in PDF format by e-mail; and
Section IV: Additional Information: 1 soft copy in PDF format by e-mail.

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

3.2 Section I: Technical Bid

- A. In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.
- B. Bidders must demonstrate their compliance with the attachment to Part 4 entitled Evaluation Criteria of the bid solicitation by providing substantial information describing completely and in detail how the requirement is met or addressed.

3.3 Section II: Financial Bid

- A. Bidders must submit their financial bid in accordance with the attachment to Part 4 entitled Pricing Schedule.

3.3.1 Electronic Payment of Invoices - Bid

- A. If you are willing to accept payment of invoices by Electronic Payment Instruments, complete the attachment to Part 3 entitled Electronic Payment Instruments, to identify which ones are accepted.
- B. If the attachment to Part 3 entitled Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.
- C. Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.3.2 Exchange Rate Fluctuation

- A. The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

3.4 Section III: Certifications

- A. Bidders must submit the certifications and additional information required under Part 5.

3.5 Section IV: Additional Information

- A. In Section IV of their bid, bidders should provide:
- (i) A completed, signed, and dated Page 1 of this solicitation, or final amendment, as applicable;
 - (ii) The name of the person(s) and associated contact information (title, mailing address, phone number, and e-mail address) authorized by the Bidder to:
 - (a) Enter into communications with Canada with regards to their bid, and any contract that may result from their bid;

- (b) Coordinate delivery and follow-up; and
- (c) Provide after sales service, maintenance, warranty repairs, and a full range of repair parts for the equipment offered.

3.5.1 Delivery Date(s)

- A. Any delivery date(s) offered will not be included in the evaluation.

3.5.1.1 Firm Goods

- A. Delivery of the Firm Goods is requested on or before 60 days after contract award. If a longer delivery period is required, the Bidder must submit the best delivery that could be offered, in the form of either a fixed date or a period of time from contract award. Failure to submit a date or time period will be taken as acceptance of delivery within the requested timeframe.

3.5.2 Warranty Period

3.5.2.1 Manufacturer's Standard Warranty Period

- A. Canada requests that the Bidder provide details of the manufacturer's standard warranty period for the equipment and components that exceeds the minimum warranty period of 12 months. Any additional manufacturer's standard warranty such as those derived from the Original Equipment Manufacturer (OEM) for component/subassemblies will form part of the proposed contract.

ATTACHMENT 1 TO PART 3 - ELECTRONIC PAYMENT INSTRUMENTS

A. The Bidder accepts to be paid by any of the following Electronic Payment Instrument(s):

- (i) ☐ Direct Deposit (Domestic and International);
- (ii) ☐ Electronic Data Interchange (EDI) (International only); and
- (iii) ☐ Wire Transfer (International Only).

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- A. Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- B. An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

- A. Mandatory technical evaluation criteria are included in the attachment to Part 4 entitled Evaluation Criteria.

4.1.2 Financial Evaluation

4.1.2.1 Firm Goods

- A. The price of the bid will be evaluated in Canadian dollars, Delivered Duty Paid (DDP) destination, Incoterms 2010, Canadian customs duties and excise taxes included, Applicable Taxes excluded.

4.2 Basis of Selection - Lowest Evaluated Price, Mandatory Technical Criteria

- A. A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

ATTACHMENT 1 TO PART 4 - EVALUATION CRITERIA

See attached document entitled:

“MANDATORY TECHNICAL EVALUATION CRITERIA Small Arms Shock Amplifier” dated 19 July 2022

ATTACHMENT 2 TO PART 4 - PRICING SCHEDULE

1. General

- A. Bidders must submit a Firm Unit Price for each Item.
- B. Bidders are requested to complete the following Pricing Schedule and include it in the bid.
- C. All prices and costs must be submitted in Canadian Dollars, Canadian customs duties and excise taxes included, Applicable Taxes excluded.

2. Small Arms Shock Amplifier

- A. The Firm Unit Price(s) include(s) associated specifications, training and deliverables as per Annex A, Requirement, Delivered Duty Paid (DDP) specified Delivery Point, Incoterms 2010:

Item	Delivery Point	Quantity Required (A)	Firm Unit Price (B)	Sub-Total (C = A x B)
0001	DND, QETE Warehouse 45 Blvd Sacré Coeur Room C1113, Ramp 7 Gatineau, QC, Canada J8X 1C6	1	\$	\$
Total (D = sum C)				\$

3. Price of the Bid

Grand Total (E = D)	\$
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PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION

5.1 General

- A. Bidders must provide the required certifications and additional information to be awarded a contract.
- B. The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue, whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.
- C. The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.2 Certifications Required with the Bid

- A. Bidders must submit the following duly completed certifications as part of their bid.

5.2.1 Integrity Provisions - Declaration of Convicted Offences

- A. In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, if applicable, the Integrity 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.

5.3 Certifications Precedent to Contract Award and Additional Information

- A. The certifications and additional information listed below should be submitted with the bid but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder 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 specified will render the bid non-responsive.

5.3.1 Integrity Provisions - Required Documentation

- A. In accordance with the section titled "Information to be provided when bidding, contracting, or entering into a real procurement 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 Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.3.2 Federal Contractors Program for Employment Equity - Bid Certification

- A. By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#)" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\)](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) - [Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).
- B. Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

5.3.3 Product Conformance

- A. The Bidder certifies that all equipment proposed conform, and will continue to conform throughout the duration of the contract, to all technical specifications of Annex A, Requirement. This certification does not relieve the bid from meeting all mandatory technical evaluation criteria detailed in Part 4.

Brand name

Model

Signature of Bidder's Authorized Representative

Date

5.3.4 OEM Certification Form

- A. See attached document entitled: ATTACHMENT 1 TO PART 5 - OEM Certification Form

ATTACHMENT 1 TO PART 5 - OEM Certification Form

OEM Certification Form	
This confirms that the original equipment manufacturer (OEM) identified below has authorized the Bidder named below to provide and maintain its products under any contract resulting from the bid solicitation identified below:	
Name of OEM:	
Signature of authorized signatory of OEM:	
Print Name of authorized signatory of OEM:	
Print Title of authorized signatory of OEM:	
Address for authorized signatory of OEM:	
Telephone no. for authorized signatory of OEM:	
Fax no. for authorized signatory of OEM:	
Date signed:	
Solicitation Number:	
Name of Bidder:	

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

- A. There is no security requirement applicable to the Contract.

6.2 Requirement

- A. The Contractor must provide the item(s) detailed under the Requirement at Annex A and the Basis of Payment at Annex B.

6.3 Standard Clauses and Conditions

- A. All clauses and conditions identified in the Contract by number, date and title are set out in the [Standard Acquisition Clauses and Conditions \(SACC\) 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.

6.3.1 General Conditions

- A. 2010A (2021-12-02), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract, with the following modification:

- (i) Article 01, Interpretation, definition of "Canada", "Crown", "Her Majesty" or "the Government", is deleted in its entirety and replaced with the following:

"Canada", "Crown", "Her Majesty" or "the Government"
means Her Majesty the Queen in right of Canada as represented by the Minister of National Defence and any other person duly authorized to act on behalf of that minister or, if applicable, an appropriate minister to whom the Minister of National Defence has delegated his or her powers, duties or functions and any other person duly authorized to act on behalf of that minister.

All other provisions of the warranty section remain in effect.

6.3.2 Use and Translation of Written Material

- A. Unless provided otherwise in the Contract, copyright in any written material used, produced or delivered under the Contract belongs to its author or rightful owner. Canada has the right to use, copy and disclose, for government purposes, the written material related to the Work that is delivered to Canada.
- B. If the Contract does not require the delivery of any written material in both of Canada's official languages, Canada may translate the written material into the other official language. The Contractor acknowledges that Canada owns the rights on the translation and that Canada is under no obligation to provide the translation to the Contractor. Canada agrees that any translation must include any copyright and any proprietary right notice that was part of the original. Canada acknowledges that the Contractor is not responsible for any technical errors or other problems that may arise as a result of the translation.

6.4 Term of Contract

6.4.1 Delivery Dates

- A. The firm goods must be received on or before the date(s) specified in Annex B of the Contract.

6.4.2 Delivery Points

- A. Delivery of the requirement must be made to delivery point(s) specified at Annex B of the Contract.

- B. The Contractor must deliver the goods by appointment only. The Contractor is responsible for contacting the Technical Authority in advance of shipping to obtain the contact information for the delivery point(s). The Contractor or its carrier must arrange delivery appointments by contacting the delivery point(s). The consignee(s) may refuse shipments when prior arrangements have not been made. When the carrier is required to return due to its failure to make an appointment for delivery, Canada will not be liable to pay for additional costs.

6.5 Authorities

6.5.1 Contracting Authority

- A. The Contracting Authority for the Contract is:

Name: Kevin Selim
Title: DLP 5-3-4
Address: Department of National Defence Headquarters
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
E-mail: kevin.selim@forces.gc.ca

- B. The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.5.2 Technical Authority

- A. The Technical Authority for the Contract is:

[Contact information to be detailed in the resulting contract]

Name: _____
Title: _____
Position: _____
Address: Department of National Defence Headquarters
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Telephone: _____
E-mail: _____

- B. The Technical Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority; however, the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative

[Contact information to be detailed in the resulting contract]

Name: _____
Title: _____
Address: _____

Telephone: _____
E-mail: _____

6.5.4 After Sales Service

- A. The following dealer(s) and/or agent(s) is(are) authorized to provide after sales service, maintenance, and warranty repairs; and a full range of repair parts for the equipment offered:

[Contact information to be detailed in the resulting contract]

Name: _____

Title: _____

Address: _____

Telephone: _____

E-mail: _____

6.6 Payment

6.6.1 Basis of Payment

6.6.1.1 Firm Unit Price(s)

- A. In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) as specified in Annex B for a cost of \$[amount to be detailed in the resulting contract]. Customs duties are included and Applicable Taxes are extra.
- B. For the firm price portion of the Work only, Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.6.2 Method of Payment

6.6.2.1 Multiple Payments

- A. Canada will pay the Contractor upon completion and delivery of units in accordance with the payment provisions of the Contract if:
- (i) an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
 - (ii) all such documents have been verified by Canada; and
 - (iii) the Work delivered has been accepted by Canada.

6.6.3 Electronic Payment of Invoices

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

[List to be updated in the resulting contract]

- (i) Direct Deposit (Domestic and International);
- (ii) Electronic Data Interchange (EDI) (International only); and
- (iii) Wire Transfer (International Only).

6.7 Invoicing

6.7.1 Invoicing Instructions

- A. 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.
- B. Each invoice must contain or be supported by the applicable documents:
 - (i) The serial number(s); and
 - (ii) A description of the equipment delivered.
- C. Invoices must be distributed as follows:
 - (i) The invoices along with any required supporting documentation must be forwarded to the Contracting Authority for certification and payment at:

Email: **[email to be detailed in the resulting contract]**
 - (ii) By submitting a .pdf copy, the Contractor certifies that the .pdf copy of each invoice will be considered as the original invoice. In addition, the Contractor must indicate the contract number and name of the Contracting Authority in its covering e-mail.

6.7.2 Holdback

- A. A 10% holdback will apply on any due payment of the following:
 - (i) Item 0001 as per Annex B.
- B. Applicable Taxes must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no Applicable Taxes payable as it was claimed and payable under the previous invoice.
- C. Release of the 10% holdback is conditional upon receipt and certified acceptance of all Work under this Contract.
- D. Invoicing instructions for the holdback are as detailed in the clause entitled "Invoicing Instructions".

6.8 Certifications and Additional Information

6.8.1 Compliance

- A. Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

6.9 Applicable Laws

- A. The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario **[or as specified by the bidder in its bid, if applicable]**.

6.10 Priority of Documents

- A. If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list:
 - (i) The Articles of Agreement;
 - (ii) The General Conditions 2010A (2021-12-02), General Conditions - Goods (Medium Complexity);
 - (iii) Annex A, Requirements;

- (iv) Annex B, Basis of Payment; and
- (v) the Contractor's bid dated [date to be specified in the resulting contract], as clarified on [date to be specified in the resulting contract, if required], and as amended on [date to be specified in the resulting contract, if required].

6.11 Defence Contract

- A. The Contract is a defence contract within the meaning of the Defence Production Act, R.S.C. 1985, c. D-1 (<http://laws-lois.justice.gc.ca/eng/acts/d-1/>), and must be governed accordingly.
- B. Title to the Work or to any materials, parts, work-in-process or finished work must belong to Canada free and clear of all claims, liens, attachments, charges or encumbrances. Canada is entitled, at any time, to remove, sell or dispose of the Work or any part of the Work in accordance with section 20 of the Defence Production Act.

6.12 Insurance - No Specific Requirement

- A. The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

6.13 Inspection and Acceptance

- A. The Technical Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Requirement and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

6.14 Post-Contract Award Meeting

- A. Within 10 days of the date of Contract, the Contractor must contact the Contracting Authority to determine if a post-contract award meeting is required. A meeting will be convened at the discretion of the Contracting Authority to review technical and contractual requirements. The Contractor must prepare and distribute the minutes of the meeting within 5 calendar days after the completion of the meeting. The meeting will be held via teleconference at Canada's discretion at no additional cost to Canada, with representatives of the Contractor and the Department of National Defence.

6.15 Quality Management Systems - Requirements (Quality Assurance Code C)

- A. The Contractor is responsible for implementing a quality system appropriate to the scope of the work to be performed. It is recommended that the quality system be based on *ISO 9001:2015 "Quality management systems - Requirements."*
 - B. The Contractor is responsible for performing or having performed all inspections and tests necessary to substantiate that the materiel or services provided conform to the drawings, specifications and the requirements of the contract. The Contractor must keep accurate and complete inspection records which must, upon request, be made available to the authorized Department of National Defence (DND) representative, who may make copies and take extracts during the performance of the Contract and for a period of 1 year after the completion of the Contract.
- A. Despite the above, all materiel is subject to verification and acceptance by DND at destination. The authorized DND representative at destination may either be the consignee(s), the Technical Authority, or the Quality Assurance Authority.

6.16 Material

- A. Material supplied must be new unused and of current production by manufacturer.

6.17 North Atlantic Treaty Organization Codification - Data Requirements

- A. The Contractor must provide the Department of National Defence (DND), which is the National Codification Bureau (NCB) for Canada, sufficient technical data to permit the Director, Supply Chain Operations (DSCO) **to classify, codify and describe new items being introduced into the Canadian Government Cataloguing System.**
- B. Technical data for each item may include the manufacturer's engineering drawing (minimum level 2), standard, specification and/or data specification sheet (brochure). Regardless of which of these formats is provided, the data must clearly provide the following, as applicable:
- (i) The name and address of the true manufacturer, or Design Control Authority;
 - (ii) The manufacturer's unique part number;
 - (iii) The physical characteristics (material, dimensions, tolerances);
 - (iv) Performance data (i.e. functional and operating requirements such as speed, load);
 - (v) Electrical and/or electronic characteristics;
 - (vi) Mounting requirements;
 - (vii) Special features which contributed to the uniqueness of the item(s);
 - (viii) The end item application; and, if applicable
 - (ix) Manufacturer's unique bar code number.
- C. Technical descriptive data are not required for items that are identified in a Canadian or United States government specification or in a Military Standard which completely describes the item.
- D. The Contractor is responsible for advising DND Technical Authority and the NCB (DSCO 5) of any proprietary data or restrictions imposed on the release of its technical data to government entities in Canada or abroad.
- E. In the event of disputes regarding the acceptability of technical data submitted by the Contractor, the ruling of the NCB (DSCO) must prevail.
- F. The Contractor is ultimately responsible, under the conditions of the Contract, for the provision of the technical data for all of the items identified in the Contract. The Contractor must include the terms of this clause in any subcontracts, to ensure the availability of the technical data to DND and the NCB (DSCO).
- G. For end items procured by the Contractor from a subcontractor or supplier, the Contractor must provide the name of the actual manufacturer and their unique identifying part number along with all necessary technical documentation, and their bar code number if available.
- H. The Contractor must submit all data to the DND Technical Authority at least sixty (60) days before delivery of the equipment. Items must not be released for shipment unless identified with a NATO Stock Number provided for in the Contract, or unless specifically authorized by the Contracting Authority.
- I. The Contractor must contact the DSCO for any further clarification of the codification technical data requirements at:
- National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2
Attention: Director Supply Chain Operations (DSCO)

6.18 Technical publications: Manuals

- A. The Contract must provide the User Operations and Maintenance Manuals as indicated in Annex A.

6.19 Electrical equipment

- A. All electrical equipment supplied under the Contract must be certified or approved for use in accordance with the Canadian Electrical Code, Part 1, before delivery, by a certification organization accredited by the Standards Council of Canada.

6.20 Packaging

- A. The methods used for preservation and packaging must be in conformity with the Contractor's normal standard for domestic shipment or, if necessary, with standards for overseas shipment as below deck cargo.

6.21 Wood packaging materials

- A. All wood packaging materials used in shipping must conform to the [International Standards for Phytosanitary Measures No. 15: Regulation of Wood Packaging Material in International Trade \(ISPM 15\)](https://www.ippc.int/en/core-activities/standards-setting/ispms/) (<https://www.ippc.int/en/core-activities/standards-setting/ispms/>).
- B. Pertinent additional information on Canada's import and export programs is provided in the following Canadian Food Inspection Agency policy directives:
- (i) D-98-08 - [Entry Requirements for Wood Packaging Materials Produced in All Areas Other Than the Continental United States](http://www.inspection.gc.ca/plants/plant-protection/directives/forestry/d-98-08/eng/1323963831423/1323964135993) (<http://www.inspection.gc.ca/plants/plant-protection/directives/forestry/d-98-08/eng/1323963831423/1323964135993>); and
 - (ii) D-13-01 - [Canadian Heat Treated Wood Products Certification Program \(HT Program\)](http://www.inspection.gc.ca/plants/forestry/exports/ht-program/eng/1319462565070/1319462677967) (<http://www.inspection.gc.ca/plants/forestry/exports/ht-program/eng/1319462565070/1319462677967>).

6.22 Preparation for Delivery

- A. The equipment must be serviced, adjusted and delivered in condition for immediate use. The equipment must be cleaned before leaving the factory and being released to Inspection Authority or consignee personnel at the final delivery point.

6.23 Delivery of Dangerous Goods/Hazardous Products

- A. The Contractor must mark dangerous goods/hazardous products which are classed as dangerous/hazardous as follows:
- (i) shipping container - in accordance with the [Transportation of Dangerous Goods Act](http://laws-lois.justice.gc.ca/eng/acts/T-19.01/), 1992, c. 34 (<http://laws-lois.justice.gc.ca/eng/acts/T-19.01/>); and
 - (ii) immediate product container - in accordance with the [Hazardous Products Act](http://laws-lois.justice.gc.ca/eng/acts/H-3/), R.S., 1985, c. H-3 (<http://laws-lois.justice.gc.ca/eng/acts/H-3/>).
- B. The Contractor must provide bilingual Safety Data Sheets, indicating the NATO Stock Number as follows:
- (i) 2 hard copies:
 - (a) 1 copy to be enclosed with the shipment, and
 - (b) 1 copy to be mailed to:

National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2

Attention: DSCO 5-4-2

(ii) 1 copy sent in any electronic format to the following address: MSDS-FS@FORCES.GC.CA.

- C. The Contractor will be responsible for any damages caused by improper packaging, labelling or carriage of dangerous goods/hazardous products.
- D. The Contractor must ensure they adhere to all levels of regulations regarding dangerous goods/hazardous products as set forth by federal, provincial, and municipal laws and by-laws.
- E. The Contractor must contact the consignee (i.e. Supply Depot Traffic Section) at least 48 hours before shipping dangerous goods/hazardous products in order to schedule a receiving time.

6.24 Delivery and Unloading

- A. Delivery trucks must be equipped with an unloading device which will permit unloading at sites with no hydraulic, stationary or other type of unloading facility.
- B. When making deliveries, sufficient personnel must be provided to permit unloading of any type of vehicle without the assistance of federal government personnel.
- C. At some sites, the delivery truck must be unloaded while parked at the curb. When material is placed on the sidewalk, it must be placed in proximity to the designated entrance so as to be readily accessible to transport by mechanical handling equipment utilized by site personnel.

6.25 Incomplete Assemblies

- A. The Contractor must not ship incomplete assemblies unless the authorization for such shipment has been obtained from the Contracting Authority.

6.26 Canadian Forces Site Regulations

- A. The Contractor must comply with all standing orders or other regulations, instructions, and directives in force on the site where the Work is performed.

6.27 Marking

- A. The Contractor must ensure that the manufacturer's name and part number are clearly stamped or etched on each item for positive identification purposes.

6.28 Labelling

- A. The Contractor must ensure that the manufacturer's and specification numbers appear on each item, either printed on the container or on an adhesive label of highest commercial standard affixed to the container.

6.29 Dispute Resolution Services

- A. The parties understand that the Procurement Ombudsman appointed pursuant to subsection 22.1 (1) of the Department of Public Works and Government Services Act will, on request of a party, provide a proposal for an alternative dispute resolution process to resolve any dispute arising between the parties respecting the interpretation or application of a term or condition of this contract. The parties may consent to participate in the proposed alternative dispute resolution process and to bear the cost of such process. The Office of the Procurement Ombudsman may be contacted by telephone at 1-866-734-5169 or by e-mail at boa.opo@boa.opo.gc.ca.

ANNEX A - REQUIREMENT

See attached document entitled:

“ANNEX A Statement of Work (SOW) Small Arms Shock Amplifier” dated 15 June 2022

ANNEX B - BASIS OF PAYMENT

1. General

- A. All prices and costs are in Canadian Dollars, Canadian customs duties and excise taxes included, Applicable Taxes excluded.

2. Small Arms Shock Amplifier

- A. The Firm Unit Price(s) include(s) associated specifications, training and deliverables as per Annex A, Requirement, Delivered Duty Paid (DDP) specified Delivery Point, Incoterms 2010:

Item	Delivery Point	Delivery Date	Quantity Required	Brand/Model	Firm Unit Price
001	DND, QETE Warehouse 45 Blvd Sacré Coeur Room C1113, Ramp 7 Gatineau, QC, Canada J8X 1C6 819-939-9083	[Date to be detailed in the resulting contract]	1	To be added in the resulting contract	\$(Cost to be detailed in the resulting contract)

ANNEX A

Statement of Work (SOW)

Small Arms Shock Amplifier

Customer Control Number: 190820-3151

DND Document #: RDIMS # 5661191

Date: 15 June 2022

Prepared by:

QETE 2-4
Department of National Defence
Quality Engineering Test Establishment
NPB, 45 blvd Sacré Coeur
Gatineau, QC J8X 1C6



NOTICE

This documentation has been reviewed by the Technical Authority and does not contain controlled goods.

AVIS

Cette documentation a été révisée par l'Autorité technique et ne contient pas de marchandises contrôlées.

Statement of Work for Small Arms Shock Amplifier

1. SCOPE

1.1. Objective

- 1.1.1. The purpose of this Statement of Work (SOW) is to define the technical requirements for a small arms shock amplifier.

1.2. Background

- 1.2.1 The Quality Engineering Test Establishment (QETE) is a field unit within the Canadian Armed Forces (CAF) with the mandate to provide the Department of National Defence (DND) and the CAF with specialized, technology-based test and investigative services required to support engineering decisions throughout all phases of materiel acquisition and support. QETE provides technical advice and consultation, material evaluation, investigation and analysis, calibration and measurement, in the domains of mechanical and materials engineering, applied science, electrical engineering, measurement science and imagery.
- 1.2.2 QETE 2-4 Vibration Laboratory is the centre of technical expertise for the DND/CAF for providing assistance and analysis for program managers, life cycle materiel managers and technical authorities in determining the correct approach concerning vibration engineering, test and performance standards to ensure that their components and systems will not fail in service. A variety of test equipment and instruments are used to perform this role, such as the B335 and B340 Shaker Systems shown in Figure 1.



Figure 1 – QETE Electrodynamic Shaker Systems

2. TERMINOLOGY

Table 2-1 Acronyms and Abbreviations	
CAF	Canadian Armed Forces
°C	Degrees Celsius
DND	Department of National Defence (Canada)
EEA	Equipment Environmental Assessment
CD/DVD/USB	Compact Disc / Digital Versatile Disc / Universal Serial Bus
MB	Megabyte

Statement of Work for Small Arms Shock Amplifier

Table 2-1 Acronyms and Abbreviations	
NATO	North Atlantic Treaty Organization
NSN	NATO Stock Number
OEM	Original Equipment Manufacturer
QETE	Quality Engineering Test Establishment
SOW	Statement of Work

3. REQUIREMENTS

3.1. Scope of Work

3.1.1. General Requirements:

- 3.1.1.1. DND has a requirement for a Small Arms Shock Amplifier. The scope of work also includes the delivery of the equipment, one day of virtual training, and telephone/email support throughout the warranty period.
- 3.1.1.2. The Small Arms Shock Amplifier must simulate shocks to small arms accessories.
- 3.1.1.3. The Small Arms Shock Amplifier must deliver, enable and support all specified performance and functional requirements when installed on the following equipment:
 - (a) B335 Shaker Slip Table, Manufacturer: Team Corporation, NSN 6625-01-655-7392; and
 - (b) B340 Shaker Slip Table, Manufacturer: Data Physics Corporation, NSN 6635-20-A0T-6158.

3.1.2. Performance specifications and physical parameters:

- 3.1.2.1. The Small Arms Shock Amplifier must mount on slip-tables with the hole-pattern shown in Appendix 1 to Annex A Statement of Work.
- 3.1.2.2. The Small Arms Shock Amplifier must replicate the shock response spectrum at the Picatinny rails of a single round firing from non-automatic weapons of small arms up to and including 0.50 caliber.
- 3.1.2.3. The Small Arms Shock Amplifier must replicate the shock response spectrum at the Picatinny rails of fully automatic firing of at least 220 rounds of 7.62 mm ammunition at a rate of at least 650 rounds per minute.
- 3.1.2.4. Any special tools that may be needed to change the setup of the shock amplifier when changing the caliber being replicated, must be provided.
- 3.1.2.5. The Small Arms Shock Amplifier must be able to test at least two small arms accessories simultaneously.
- 3.1.2.6. The Small Arms Shock Amplifier must include two (2) Picatinny rails for top-mounted small arms accessories.
- 3.1.2.7. The Small Arms Shock Amplifier must include two (2) Picatinny rails for side-mounted small arms accessories.

Statement of Work for Small Arms Shock Amplifier

- 3.1.2.8. The Picatinny rails must be removable.
- 3.1.2.9. The Picatinny rails must be at least 200mm in length.
- 3.1.2.10. The Small Arms Shock Amplifier must achieve full performance on a slip-table connected to an electrodynamic shaker that has a rated force of 17.5 kip, a maximum velocity of 70 inches per second and a maximum peak-to-peak displacement of 2.0 inches.
- 3.1.2.11. When mounted on the B335 slip-table, the Small Arms Shock Amplifier must be solely controlled by the B335 shaker control system with no additional control systems required.
- 3.1.2.12. When mounted on the B340 slip-table, the Small Arms Shock Amplifier must be solely controlled by the B340 shaker control system with no additional control systems required.
- 3.1.2.13. When mounted on the B335 slip-table, the Small Arms Shock Amplifier must be solely powered by the B335 shaker with no additional infrastructure required such as battery power, electrical power, hydraulic lines, air compressors, transformers, and cooling.
- 3.1.2.14. When mounted on the B340 slip-table, the Small Arms Shock Amplifier must be solely powered by the B340 shaker with no additional infrastructure required such as battery power, electrical power, hydraulic lines, air compressors, transformers, and cooling.
- 3.1.2.15. The Small Arms Shock Amplifier must have maximum dimensions of 28 inches in length x 30 inches in width x 30 inches in height.
- 3.1.2.16. The Small Arms Shock Amplifier must achieve full performance while exposed to temperatures from -37°C to $+49^{\circ}\text{C}$.
- 3.1.2.17. Environmental requirements:
 - (a) Substances listed under the *Prohibition of Certain Toxic Substances Regulations* (SOR/2012-285) must not be incorporated in any part of the equipment.
 - (b) Mercury must not be incorporated in any part of the equipment.
 - (c) Asbestos must not be incorporated in any part of the equipment.
 - (d) In accordance with the *Polychlorinated Biphenyls (PCBs) Regulations* (SOR/2008-273), if PCBs are present in any part of the equipment, they must comply with the regulation (SOR/2008-273). If such substances must be used, the Contractor must
 - i. Inform the Technical Authority by identifying the substance(s);
 - ii. Identify the specific location within the equipment and its concentration; and
 - iii. Certify that there is no technically or economically feasible PCB-free alternative.

3.2. Tasks

3.2.1. Technical Service Support

Statement of Work for Small Arms Shock Amplifier

- 3.2.1.1. A support service desk function must be provided throughout the warranty period to help Canada in answering questions with respect to the equipment that includes telephone technical support during the Contractor's normal business hours and e-mail technical support with a response within 48 hours excluding weekends and public holidays.
- 3.2.1.2. Canada must be advised in writing as soon as reasonably possible in the event of safety-related product recalls or advisories, component defects, security vulnerabilities and other events that may adversely affect product performance and/or functionality.
- 3.2.2. Training
 - 3.2.2.1. The Contractor must provide one day of live virtual training in English using MS Teams (or a mutually agreeable alternative online meeting platform). The training will be delivered to DND technical staff who are experienced operators of electrodynamic shaker systems.
 - 3.2.2.2. Training must include installation and set-up guidance, which may be performed live by DND technical staff during the virtual training session.
 - 3.2.2.3. Training must include the proper operation and maintenance of the equipment, technical theory of small arms shock amplification, and analysis of case studies.
 - 3.2.2.4. Training must include a hands-on tutorial on the delivered equipment using materials supplied by DND.
- 3.2.3. Equipment Certifications
 - 3.2.3.1. Certificate of Conformance – The Contractor must provide a Certificate of Conformance to attest that the delivered equipment has been manufactured according to the manufacture's published specifications and has been verified to function as designed. The Certificate must identify the location and date of completion of manufacturing and must be signed by an authorized representative of the manufacturer.
 - 3.2.3.2. Statement of Compliance – The Contractor must provide a Statement of Compliance to attest that the delivered equipment meets the requirements of the Contract. The Statement of Compliance may be provided within the Certificate of Conformance or as a separate document.
 - 3.2.3.3. Equipment Environmental Assessment Report (Appendix 2) – The contractor must prepare and submit an Equipment Environmental Assessment (EEA) for Technical Authority approval. The EEA includes the list of integrated hazardous substances and chemical products incorporated in the equipment design. The EEA must include Safety Data Sheets (SDS) for all hazardous chemical products in accordance with WHMIS 2015 requirements. The Contractor may provide confidential information in a separate document. Note: Proprietary information will be treated with confidentiality.
- 3.2.4. Equipment Documentation – The Contractor must provide the following documentation in support of the delivered equipment
 - 3.2.4.1. User Operations Manual – provides detailed information about the

Statement of Work for Small Arms Shock Amplifier

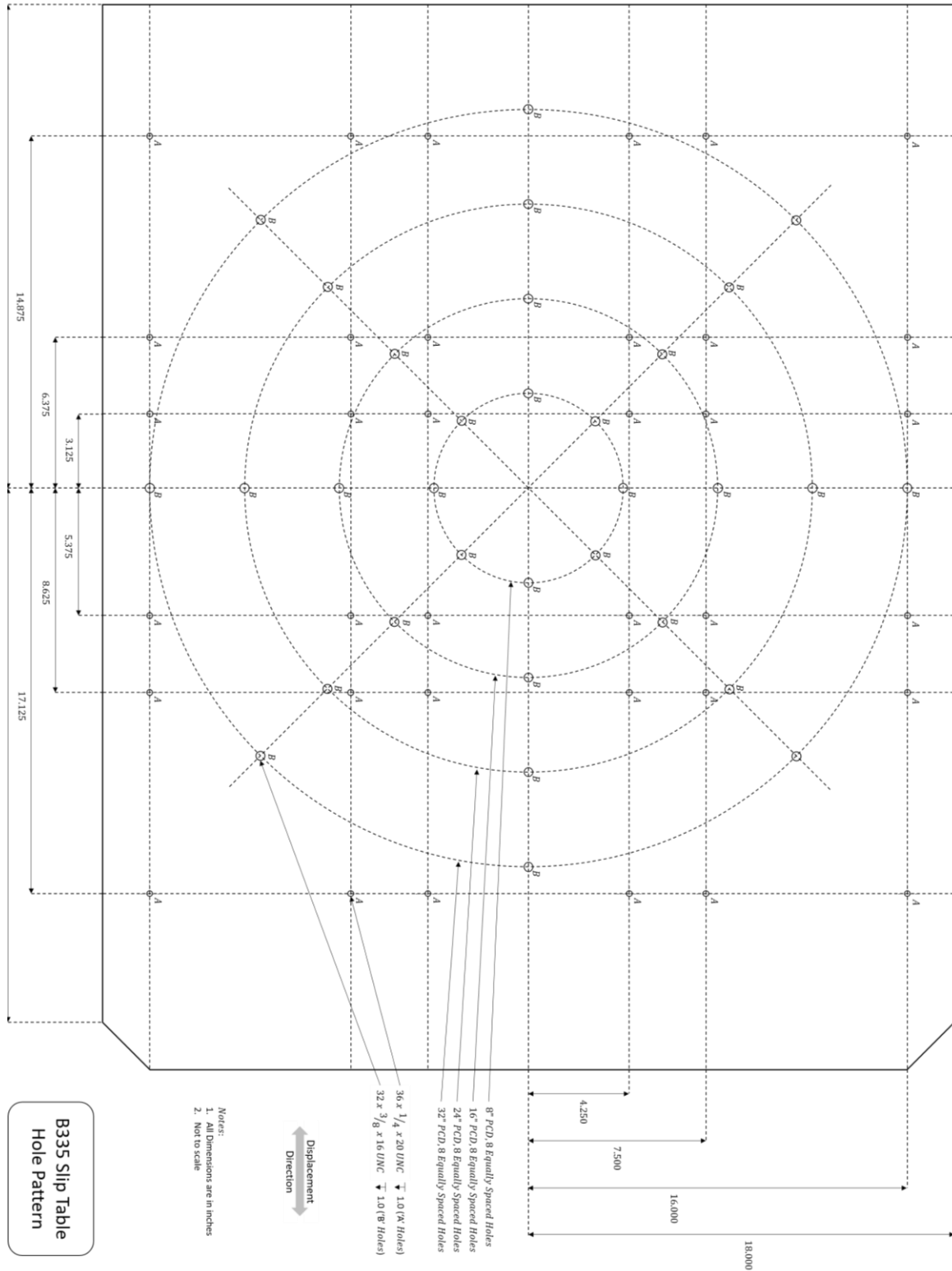
functionality and operation of the Equipment and the care and maintenance of the Equipment that is normally performed by the user.

4. DELIVERABLES

- 4.1 Equipment. The Contractor must provide the following equipment deliverables:
 - 4.1.1 Small Arms Shock Amplifier according to the requirements described in section 3.1.
- 4.2 Services. The Contractor must provide the following services deliverables:
 - 4.2.1 Technical support over the phone and/or the internet.
 - 4.2.2 One day of virtual training by MS Teams.
- 4.3 Documentation. The Contractor must provide the following documentation:
 - 4.3.1 Certificate of Conformance: Quantity of one (1) electronic copy.
 - 4.3.2 Statement of Compliance: Quantity of one (1) electronic copy.
 - 4.3.3 Equipment Environmental Assessment Report: Quantity of one (1) electronic copy.
 - 4.3.4 User Operations Manual: Quantity of one (1) electronic copy.
- 4.4 Format for Documentation
 - 4.4.1 Equipment documentation, reports, certificates and compliance statements must be provided in English or French.
 - 4.4.2 Documentation may be grouped and combined into one or multiple files at the discretion of the Contractor.
 - 4.4.3 Documentation may be provided in Contractor format.
 - 4.4.4 Electronic copies of deliverable documents may be delivered by e-mail to the Technical Authority or provided with the equipment deliverables on a CD/DVD/USB device.
 - 4.4.5 Document files provided in electronic format must be supplied in searchable PDF file format, unless otherwise stated.
 - 4.4.6 Electronic document files must be functional without the requirement for a password, an auto-run installation procedure or an Internet connection.
 - 4.4.7 The size of the files submitted via email must not exceed the limit of 10 Megabytes (MB).
 - 4.4.8 If the size of the files submitted via email exceed 10 MB, the Contractor must divide the document content in sections, in such a way that each file size is below 10 MB, without restricting the quality/clarity of the document.

Statement of Work for Small Arms Shock Amplifier

Appendix 1 to Annex A Statement of Work – Hole Pattern Applicable to B335 and B340 Shaker Systems



Statement of Work for Small Arms Shock Amplifier

Appendix 2 to Annex A Statement of Work – Equipment Environmental Assessment Report

DATA ITEM DESCRIPTION (DID)																																									
1. TITLE Equipment Environmental Assessment (EEA) Report			2. IDENTIFICATION NUMBER QETE 2-4 SASA EEA																																						
3. DESCRIPTION The EEA Report identifies and documents all integrated hazardous substances and hazardous chemical products in the equipment design.																																									
4. APPROVAL DATE		5. OFFICE OF PRIMARY INTEREST QETE 2-4 Vibration Laboratory		6. GIDEP APPLICABLE N/A																																					
7. APPLICATION/INTERRELATIONSHIP This DID contains content and preparation instructions for the EEA Report as required by the SOW.																																									
8. ORIGINATOR			9. APPLICABLE FORMS N/A																																						
10. PREPARATION INSTRUCTIONS																																									
<p>10.1 FORMAT</p> <p>The EEA Report may be completed in the Contractor's format.</p> <p>10.1.1 Title Page</p> <p>a. Equipment Name and NSN (if available)</p> <p>b. Assessment Contact: Name, title and company name of the author of the EEA</p> <p>10.1.2 Tables</p> <p>Table 1 lists the integrated hazardous substances and chemical products that must be identified, if they are incorporated in the equipment design. The hazardous chemical products must have safety data sheets (SDS) which conform to WHMIS 2015*, to be provided in Annex A.</p> <p>* The Workplace Hazardous Materials Information System (WHMIS) is Canada's national hazard communication standard.</p> <p>Table 2 lists the ionizing and non-ionizing radiation sources and batteries.</p> <p>Table 1 Identification of Hazardous Substances and Chemical Products</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">Integrated Hazardous Substances</th> <th style="padding: 5px;">NSN</th> <th style="padding: 5px;">Original OEM Part Number</th> <th style="padding: 5px;">Item Description</th> <th style="padding: 5px;">Location</th> <th style="padding: 5px;">Additional Details</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Arsenic, Cadmium, Chromium VI, Cobalt, Lead, Radioactive metals</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding: 5px;">Halocarbons – refrigerant and air-conditioning systems</td> <td></td> <td></td> <td></td> <td></td> <td style="padding: 5px;">Type and weight (kg). Global Warming Potential of Hydrofluorocarbons used for refrigerant applications.</td> </tr> <tr> <td style="padding: 5px;">Mercury and its compounds</td> <td></td> <td></td> <td></td> <td></td> <td style="padding: 5px;">Form of mercury (e.g. liquid, vapour) and weight (mg)</td> </tr> <tr> <td style="padding: 5px;">Polychlorinated Biphenyl (PCBs)</td> <td></td> <td></td> <td></td> <td></td> <td style="padding: 5px;">Form (liquid or solid), quantity (kg), volume (L) and concentration in ppm</td> </tr> <tr> <td style="padding: 5px;">Hazardous Chemical Products (SDS Required)</td> <td style="padding: 5px;">NSN</td> <td style="padding: 5px;">Original OEM Part Number</td> <td style="padding: 5px;">Ingredient</td> <td style="padding: 5px;">Chemical Abstract Service Number (CAS#)</td> <td style="padding: 5px;">Controls*</td> </tr> </tbody> </table>						Integrated Hazardous Substances	NSN	Original OEM Part Number	Item Description	Location	Additional Details	Arsenic, Cadmium, Chromium VI, Cobalt, Lead, Radioactive metals						Halocarbons – refrigerant and air-conditioning systems					Type and weight (kg). Global Warming Potential of Hydrofluorocarbons used for refrigerant applications.	Mercury and its compounds					Form of mercury (e.g. liquid, vapour) and weight (mg)	Polychlorinated Biphenyl (PCBs)					Form (liquid or solid), quantity (kg), volume (L) and concentration in ppm	Hazardous Chemical Products (SDS Required)	NSN	Original OEM Part Number	Ingredient	Chemical Abstract Service Number (CAS#)	Controls*
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Statement of Work for Small Arms Shock Amplifier

Halocarbons – Fire extinguishing systems					
Halocarbons – In aerosol Products					
Paints and related commodities (Chemical Agent Resistant Coating (CARC) – CARC and non-CARC)					
Fire-fighting Foams					
Cleaner and Degreasers					
POLs (Petroleum, Oils, Lubricants)					
Adhesives					
Anti-seize					
Corrosion Inhibitor					
Decontaminant					
Detector Kit Chemical substances					

*Controls: Identify if the substance is regulated under the *Canadian Environmental Protection Act* (CEPA); targeted in Schedule 1, Toxic Substance List under the CEPA and/or subject to the reporting requirements under the National Pollutant Release Inventory (NPRI).

Table 2 Identification of radiation sources and batteries

Categories	NSN	Original OEM Part Number	Item Description	Location*	Additional Details
Non-ionizing radiation					Type of electromagnetic energy (laser, microwave, radio frequency) and strength
Ionizing radiation					Type and quantity or activity level
Batteries					Type

* Identify the system/sub-system where these items are located.

10.1.3 References

List references consulted in the completion of the table (such as Canadian legislation, DND policies and procedures, technical documentation)

Annex A Safety Data Sheets (SDS)

For all hazardous chemical products identified in Table 1, ensure SDS are provided as per WHMIS 2015.

MANDATORY TECHNICAL EVALUATION CRITERIA
19 July 2022

Small Arms Shock Amplifier

1. General Instructions

The Bid must meet the mandatory technical criteria specified below. Bidders must provide the necessary documentation to support compliance with the requirements, including technical data sheets, specifications, brochures and/or other relevant technical documentation describing the equipment offered and demonstrating compliance. Each mandatory technical criterion should be addressed separately and in the order presented below.

2. Mandatory Technical Criteria

No.	Mandatory Technical Criteria	Supporting Evidence Required
M1	<p>Bidders must propose equipment that must not be a prototype or test unit, but standard proven equipment of the manufacturer and contains reliable state-of-the-art technology.</p> <p>In order to demonstrate that the proposed solution meets this requirement, Bidders must provide with their bid, a list of valid projects identifying customers who have purchased a small arms shock amplifier within the past five (5) years as of the solicitation closing date for a minimum of three (3) projects.</p> <p>A valid project is a project that included the commercial sale of a small arms shock amplifier that meets the functional and performance requirements specified in the Statement of Work.</p>	<p>Bidders must submit with their bid, the following information for each project:</p> <ul style="list-style-type: none">a) the brand name and model of the equipment sold;b) the date of sale;c) technical details of the equipment sold; andd) Customer contact information, which should include organization name, organization address, contact name, contact telephone number, and contact e-mail address. <p>The provided information may be verified with the Bidder's customer to confirm its accuracy. If the information verification does not match the requirements, then the Bid may be declared non responsive.</p>
M2	<p>Bidders must have an established Environmental Management System (EMS) which is consistent with the principles presented in ISO 14001. Bidders must have a formalized set of procedures and control measures in place to demonstrate environmental compliance and minimize environmental impact of the work.</p>	<p>Bidders must provide a copy or a valid ISO 14001 Certification, or provide a description of their Environmental Management System that demonstrates that formalized procedures and control measures are in place to minimize the environmental impact of the work performed by the company.</p>
M3	<p>Bidders must provide supporting evidence in their proposal to demonstrate that their proposed solution meets the mandatory requirements specified in the Mandatory Requirements Compliance Matrix.</p>	<p>Bidders should complete the Mandatory Requirements Compliance Matrix.</p>

3. Mandatory Requirements Compliancy Matrix

Bidders should provide a description of how the requirement is met or provide a reference to their technical proposal where information can be found that clearly shows how the requirement is met by the proposed solution. Where the Bidder's technical documentation does not clearly demonstrate that the equipment offered will meet a specific requirement, the Bidder must provide additional descriptions of how the requirement will be met by the proposed solution.

SOW Reference No.	Mandatory Requirements	Proposal Reference or Description
3.1.2.1.	The Small Arms Shock Amplifier must mount on slip-tables with the hole-pattern shown in Appendix 1 to Annex A Statement of Work.	
3.1.2.2.	The Small Arms Shock Amplifier must replicate the shock response spectrum at the Picatinny rails of a single round firing from non-automatic weapons of small arms up to and including 0.50 caliber.	
3.1.2.3.	The Small Arms Shock Amplifier must replicate the shock response spectrum at the Picatinny rails of fully automatic firing of at least 220 rounds of 7.62 mm ammunition at a rate of at least 650 rounds per minute.	
3.1.2.9.	The Picatinny rails must be at least 200mm in length.	
3.1.2.15.	The Small Arms Shock Amplifier must have maximum dimensions of 28 inches in length x 30 inches in width x 30 inches in height.	
3.1.2.16.	The Small Arms Shock Amplifier must achieve full performance while exposed to temperatures from – 37°C to +49°C.	