



National Defence

Défense nationale

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

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

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

RETURN BIDS TO: RETOURNER LES SOUMISSIONS À:

National Defence Headquarters
101 Colonel By Drive
Ottawa ON
K1A 0K2
Bryan Morris
DES Proc 3-3-2
Bryan.morris2@forces.gc.ca

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).

Title/Titre Protective Shipping Cases Étuis de protection d'expédition	Solicitation No – N° de l'invitation W8474-22-AL22
Date of Solicitation – Date de l'invitation 20 Dec 2021 / 20 dec 2021	
Address Enquiries to – Adresser toutes questions à Bryan Morris DES Proc 3-3-2 bryan.morris2@forces.gc.ca	
Telephone No. – N° de téléphone 613-327-3756	FAX No – N° de fax
Destination See Herein / Voir ici	

Solicitation Closes – L'invitation prend fin

At – à :
2 :00 PM EST/14 :00 HNE

On - le :
31 January 2021 / 31 janvier 2021

Delivery required - Livraison exigée See Herein	Delivery offered - Livraison proposée
Vendor Name and Address - Raison sociale et adresse du fournisseur Bidder to complete/ Soumissionnaire à compléter	
Name and title of person authorized to sign on behalf of vendor (type or print) - Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie) Name/Nom <u>Bryan Morris</u> Title/Titre <u>DES Proc 3-3-2</u>	
Signature _____	Date _____

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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

The following security requirements (SRCL and related clauses provided by the Contract Security Program) apply and form part of the Contract.

- (a) Personnel working on this procurement require, as a minimum, a RELIABILITY STATUS before access to a secure site is granted. Contractor personnel working on DND sites shall abide by the National Defence Security Orders and Directives as well as any Information Technology publications that may apply. DND Unit Security Supervisors are responsible to brief Contractor employees on these policies and any other security instructions/policies as required. Foreign Contractors will abide by their Governments' national security regulations and/or bilateral agreements MOU.
- (b) Prior to allowing access to secure premises, confirmation of Contractor personnel's security clearances must be forwarded on a Visit Clearance Request through the International Industrial Security Division (IISD) of Public Works & Government Services Canada (PWGSC) for approval and bear the name of this contract/project/program/contract number and the Project Officer.
- (c) At no time will the contractor personnel be allowed to have any access to CLASSIFIED/PROTECTED data/documentation/systems and assets.
- (d) Subcontracts containing security requirements are prohibited without the prior written authority of CISD/PWGSC.

No changes to the SRCL are permitted without prior consultation with Director Defence Security Operations – Industrial Security.

1.2 Statement of Work

The requirement is detailed in Annex "A" – Statement of Work - Deliverables.

1.3 Debriefings

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

All instructions, clauses and conditions identified in the bid solicitation 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.

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.

The [2003](#) (2020-05-28) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.1.1 SACC Manual Clauses

[4001](#) (2015-04-01), Hardware Purchase, Lease and Maintenance, apply to and form part of the Contract.

2.2 Submission of Bids

Bids must be submitted only to the Department of National Defence by the date, time and place indicated on page 1 of the bid solicitation. Bids must be received electronically as noted in subparagraph b).

Electronic Submissions: Individual e-mails exceeding five (5) megabytes, or that includes other factors such as embedded macros and/or links, may be rejected by the DND 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. The Contracting Authority will confirm receipt of documents. It is the Bidder's responsibility to ensure that the Contracting Authority has received the entire submission. Bidders should not assume that all documents have been received unless the Contracting Authority confirms receipt of each document. In order to minimize the potential for technical issues, Bidders are requested to allow sufficient time before the closing time and date to confirm receipt. Technical and financial documents received after the closing time and date will not be accepted.

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

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than three (3) calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

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 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
 - Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that Bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid soft copies via e-mail.

Section II: Financial Bid soft copies via e-mail.

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

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

Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment.

Bids must be submitted in Canadian dollars.

3.1.1 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Attachment 2 to part 3 of the bid Solicitation Electronic Payment Instruments, to identify which ones are accepted.

If Attachment 2 to part 3 of the bid Solicitation Electronic Payment Instruments is not completed, 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.

3.1.2 Exchange Rate Fluctuation

SACC Manual clause [C3011T](#) (2013-11-06), Exchange Rate Fluctuation

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

4.1.1.1 Point Rated Technical Criteria

The Point Rated Technical Criteria is detailed in Annex "B"

4.1.2 Financial Evaluation

SACC Manual Clause [A0222T](#) (2014-06-26), Evaluation of Price – Canadian / Foreign Bidders

4.2 Basis of Selection

4.2.1 Point Rated Technical Criteria

- (a) The method of selection will be a combination of point rated and lowest cost compliant.
- (b) The bidder that obtains the highest points and is the lowest cost compliant will be considered responsive.

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

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.

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.

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **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.

5.2 Certifications Precedent to Contract Award and Additional Information

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 provided will render the bid non-responsive.

5.2.1 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 Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

Solicitation No. - N° de l'invitation
W8474-22-AL11
Client Ref. No. - N° de réf. du client
W8474-22-AL11

Amd. No. - N° de la modif.
File No. - N° du dossier
W8474-22-AL11

Buyer ID - Id de l'acheteur
W8474-22-AL11
CCC No./N° CCC - FMS No./N° VME

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

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" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - 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#>).

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.

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

The following security requirements (SRCL and related clauses provided by the Contract Security Program) apply and form part of the Contract.

- (a) Personnel working on this procurement require, as a minimum, a RELIABILITY STATUS before access to a secure site is granted. Contractor personnel working on DND sites shall abide by the National Defence Security Orders and Directives as well as any Information Technology publications that may apply. DND Unit Security Supervisors are responsible to brief Contractor employees on these policies and any other security instructions/policies as required. Foreign Contractors will abide by their Governments' national security regulations and/or bilateral agreements MOU.
- (b) Prior to allowing access to secure premises, confirmation of Contractor personnel's security clearances must be forwarded on a Visit Clearance Request through the International Industrial Security Division (IISD) of Public Works & Government Services Canada (PWGSC) for approval and bear the name of this contract/project/program/contract number and the Project Officer.
- (c) At no time will the contractor personnel be allowed to have any access to CLASSIFIED/PROTECTED data/documentation/systems and assets.
- (d) Subcontracts containing security requirements are prohibited without the prior written authority of CISD/PWGSC.

No changes to the SRCL are permitted without prior consultation with Director Defence Security Operations – Industrial Security.

6.2 Statement of Requirement

The requirement is detailed in Annex "A" – Statement of Requirement - Deliverables.

6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Contract 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.

6.3.1 General Conditions

[2010A](#) (2020-05-28), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.3.2 Supplemental General Conditions

[4001](#) (2015-04-01), Hardware Purchase, Lease and Maintenance, apply to and form part of the Contract.

[4011](#) (2012-07-16), Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Delivery Date

All the deliverables must be received on or before 31 May 2022.

6.4.1 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex "A", Statement of Work, of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option at any time before the expiry of the Contract by sending a written notice to the Contractor.

6.4.2 Delivery Location

Delivery of the requirement will be made to delivery location specified at Annex "A" of the Contract.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

[Contact information to be detailed in the resulting contract]

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone: ____ _

E-mail address: _____

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

The Technical Authority for the Contract is:

[Contact information to be detailed in the resulting contract]

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone: ____ _

E-mail address: _____

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 Project Authority, however the Project 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.

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid \$_____. Customs duties are included and Applicable Taxes are extra.

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 Limitation of Price

SACC *Manual* clause C6000C (2017-08-17) Limitation of Price

6.6.3 Terms of Payment

H1001C (2008-05-12), Terms of Payment, apply to and form part of the Contract.

6.6.5 Electronic Payment of Invoices – Contract

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

- a. Direct Deposit (Domestic and International); and
- b. Wire Transfer (International Only).

6.7 Certifications and Additional Information

6.7.1 Compliance

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.

6.8 Applicable Laws

The Contract 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 Bidder in its bid, if applicable*).

6.9 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.

- (a) the Articles of Agreement;
- (b) the supplemental general conditions 4001 (2015-04-01), Hardware Purchase, Lease and Maintenance;
- (c) the general conditions 2010A (2020-05-28), General Conditions - Goods (Medium Complexity);
- (d) Annex A, Statement of Work;
- (e) Annex C, Security Requirements Check List (*if applicable*);
- (f) the Contractor's bid dated _____ (*insert date of bid*) (*If the bid was clarified or amended, insert at the time of contract award: “, as clarified on _____” or “, as amended on _____” and insert date(s) of clarification(s) or amendment(s)*)

6.10 Defence Contract

SACC Manual clause [A9006C](#) (2012-07-16) Defence Contract

6.11 Dispute Resolution

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "[Dispute Resolution](#)".

ANNEX "A" STATEMENT OF WORK

1.0 **Requirement**

The Contractor must design, develop, fabricate, assemble, test, document and deliver seventy-five (75) Protective Cases to accommodate the Department of National Defence (DND) Information Technology (IT) Equipment (here after referred to as IT Equipment) identified within this Statement of Work (SOW). The SOW is subdivided into nine (9) unique protective case types in the quantities detailed in article 6.2.1 Deliverables section.

2.0 **Background**

DND is providing a new command and control capability in support of a capital project. This capability will be transport to various locations in the world. This requirement includes protective cases for various sized IT Equipment arranged into eight (8) groups.

3.0 **Scope of Work**

- (a) Each protective case must function as a military deployable, ruggedized, enclosure for IT Equipment;
- (b) The protective cases must provide protection for all contained IT Equipment against shock, vibration, and deterioration from all environmental conditions that might be encountered during storage and shipment; and
- (c) The Contractor must identify, design, build or supply nine (9) unique Protective Cases with custom foam inserts suitable to accommodate IT Equipment identified in Article 7-16.

4.0 **Terminology**

Term	Meaning
Bosses	The plural of boss. A protrusion, frequently a cylinder of material that extends beyond a hole. A knob or projection, usually at the intersection of ribs in a vault.
Rotomolded	Rotational molding involves a heated hollow mold which is filled with a charge or shot weight of material. It is then slowly rotated, causing the softened material to disperse and stick to the walls of the mold.
Ingress Protection (IP)	The IP Code, International Protection Marking, IEC standard 60529 , sometimes interpreted as Ingress Protection Marking, classifies and rates the degree of protection provided against intrusion, dust, accidental contact, and water by mechanical casings and electrical enclosures. It is published by the International Electrotechnical Commission (IEC).
Warpage	The extent or result of being bent or twisted out of shape, typically as a result of the effects of heat or damp.
Galvanically	Galvanic corrosion (dissimilar-metal corrosion) is an electrochemical process in which one metal corrodes preferentially, when in contact with a different type of metal.

5.0 **APPLICABLE DOCUMENTS**

Where mentioned, the following standards and documents must be used for the preparation of deliverables to the extent specified in this SOW:

REF	AUTHORITY	DATE	REFERENCE TITLE
1	DND Common Military Task Fitness Evaluation (CMTFE)	June 2015	CMTFE General Description Stretcher Carry
	https://www.cfmws.com/en/AboutUs/PSP/DFIT/Fitness/FORCEprogram/Documents/CFMTEF%20brief%20description%20and%20standard_25%20June%2015_Final.pdf		
2	MIL-HDBK-454B	April 2007	Military Handbook: General Guidelines for Electronic Equipment
	http://everyspec.com/MIL-HDBK/MIL-HDBK-0300-0499/download.php?spec=MIL-HDBK-454B.009167.PDF		
3	International Electrotechnical Commission	August 2013	Standard 60529 for Ingress Protection (IP)
	https://webstore.iec.ch/publication/2452		

6.0 **TASKS AND DELIVERABLES**

6.1.1 **Design Phase**

- (a) The Contractor must source or design all eight (8) unique Protective Cases specified within Articles 7-16;
- (b) The Contractor must design all custom Protective Case foam inserts specified within Articles 7-16;
- (c) The Contractor must confirm the measurements of each piece of IT Equipment in order to design the custom foam inserts. This task must be scheduled with the Technical Authority and be performed on DND premises;
- (d) The Contractor must conduct a design review meeting with the Technical Authority within twenty (20) working days of contract award to:
 - a. Review the proposed protective cases design to ensure compliance with all specifications outlined within Articles 7-16; and
 - b. Review the timelines for all deliverables as detailed in Article 6.3.
- (e) The Contractor must provide the following review material to the Technical Authority via email within three (3) working days prior to the scheduled protective case review meeting;
 - a. A proposed meeting agenda; and
 - b. The technical design package must be at a level detailed enough to validate the proposed cases against the specifications contained in Article 7-16.
- (f) The Contractor must chair the protective case review meeting in person or virtually with the Technical Authority.
- (g) The Contractor must prepare meeting minutes and forward them to the Technical Authority for validation via email within five (5) working days following the protective case review meeting.
- (h) The Contractor must provide an updated proposal baseline if required for Technical Authority approval.

6.1.2 **First Article Build**

- (a) The Contractor must receive written approval by the Technical Authority prior to commencing production of the first article builds;
- (b) The Contractor must build and provide the nine (9) approved protective cases including their form inserts and deliver to the Technical Authority's location as specified in article 6.4, Delivery Instructions for inspection within the time frame set out in the Delivery Schedule, article 6.3.1; and
- (c) The Technical Authority will require a minimum of five (5) working days to inspect and approve the first article build. The Technical Authority will respond in writing to the Contractor and provide feedback with regards to approval and any necessary revisions as specified in the SOW.

6.1.3 Final Article Build

- (a) The Contractor must receive written approval by the Technical Authority prior to commencing production of the final article builds. The Contractor must build all final protective cases with custom form inserts as per the approved design baseline, within the time frame set out in article 6.3.2, Delivery Schedule;
- (b) The Contractor must deliver the final protective cases with custom form inserts to the location specified in article 6.4 Delivery Instructions; and
- (c) The Technical Authority will require a minimum of ten (10) working days to inspect and verify the remaining produced units. The Technical Authority will respond in writing to the Contractor and provide feedback with regards to approval and any necessary revisions as specified in the SOW. The Contractor must correct all deficiencies identified during the initial and subsequent inspections within an agreed time frame as set out by the Technical Authority.

6.2 Deliverables

6.2.1 Protective Cases with Foam:

ITEM	ITEM DESCRIPTION	ARTICLE	U. OF I.	QTY.
1	Protective Case 2 ½ Hard Drive	8	EA	4
2	Protective Case 3 ½ Hard Drive	9	EA	8
3	Protective Case Support Components	10	EA	4
4	Protective Blade Server Case with custom foam insert	11	EA	8
5	Protective Case Workstation with custom foam insert	12	EA	20
6	Protective Case Workstation UPS with custom foam insert	13	EA	4
7	Protective Case Office Format Multi-Function Printer with custom foam insert	14	EA	10
8	Protective Case Wide Format Multi-Function Printer with custom foam insert	15	EA	13
9	Protective Case Network Fiber Cables with custom foam insert	16	EA	4

6.2.2 Support Documentation

- (a) The Contractor must provide support documentation for all the protective cases as outlined below:
 - a. Environmental Specification Data Sheets;
 - b. Material Safety Data Sheet for the Protective Case;
 - c. Operating and maintenance instructions; and
 - d. An equipment source list, with manufacturer, make and model, for any consumable or replaceable parts.
- (b) The Contractor must provide any required deliverables in electronic format in either Microsoft (MS) Office Suite 2007 or Adobe Acrobat 2017; and
- (c) Documentation must be provided in English.

6.3 Delivery Schedule

6.3.1 First Article

The first article build must be delivered within thirty (30) calendar days from the written approval by the Technical Authority.

ITEM	ITEM DESCRIPTION	ARTICLE	U. OF I.	QTY.
1	Protective Case 2 ½ Hard Drive	8	EA	1
2	Protective Case 3 ½ Hard Drive	9	EA	1
3	Protective Case Support Components	10	EA	1
4	Protective Blade Server Case with custom foam insert	11	EA	1
5	Protective Case Workstation with custom foam insert	12	EA	1
6	Protective Case Workstation UPS with custom foam insert	13	EA	1
7	Protective Case Office Format Multi-Function Printer with custom foam insert	14	EA	1
8	Protective Case Wide Format Multi-Function Printer with custom foam insert	15	EA	1
9	Protective Case Network Fiber Cables with custom foam insert	16	EA	1

6.3.2 Final Article Build

The final article build must be delivered within forty (40) calendar days from the written approval by the Technical Authority

ITEM	ITEM DESCRIPTION	ARTICLE	U. OF I.	QTY.
1	Protective Case 2 ½ Hard Drive	8	EA	3
2	Protective Case 3 ½ Hard Drive	9	EA	7
3	Protective Case Support Components	10	EA	3
4	Protective Blade Server Case with custom foam insert	11	EA	7
5	Protective Case Workstation with custom foam insert	12	EA	19
6	Protective Case Workstation UPS with custom foam insert	13	EA	3
7	Protective Case Office Format Multi-Function Printer with custom foam insert	14	EA	9
8	Protective Case Wide Format Multi-Function Printer with custom foam insert	15	EA	12
9	Protective Case Network Fiber Cables with custom foam insert	16	EA	3

6.3.3 Support Documentation

The Support documentation must be included with the Final Article Build Delivery.

6.4 **Delivery Instructions**

All protective cases must be delivered at the following address:

Department of National Defence
360 Lebreton Street South (Loading Dock)
Ottawa, Ontario. K1A 0E9

6.5 **Travel**

Travel to the National Capital Region may be required. The Contractor will not be reimbursed for any travel and living expenses.

6.6 **IT Equipment Access**

- a) DND will provide access to all necessary identified IT Equipment for each Protective Case in order for the contractor to acquire accurate measurements and dimensions for designing and prototyping;
- b) Access to IT Equipment will be provided at the delivery address in article 6.4; and
- c) All IT Equipment will remain under positive control by DND personnel at all times.

7.0 PROTECTIVE CASES REQUIREMENTS

7.1 General

This section defines the requirements that must be met for all eight (8) types of unique protective cases.

7.2 Construction

Each protective case must be constructed of either polyethylene, fiberglass, rotomolded plastics, aluminum or a suitable alternate material approved by the Technical Authority.

7.3 Foam

The foam used for each protective case must be of appropriate density as to protect equipment from the hazards of transportation by land, air and sea.

7.4 Ownership Labels

Each protective case must have an Ownership Label located so it will not be obstructed when stacked.

Each Ownership Label must:

- a) Measure at least two (2) inches tall by three (3) inches wide, and
- b) Identify the unit name and address on each label as follows;

765 Comm Sq/GNS Section
101 Goldenrod Driveway
Tunney's Pasture, Bldg 16
Ottawa, ON
K1A 0K9

7.5 Identification Labels

- (a) Each protective case must have four (4) Identification Labels on each side so it will not be obstructed when stacked; and
- (b) Each Identification Label must:
 - a. Measure at least two (2) inches tall by three (3) inches wide, and
 - b. Identify the following information:
 - c. The manufacture name;
 - d. Item name;
 - e. Model or part number;
 - f. Serial Number; and
 - g. Contract number

7.6 Carrying and Lifting Handles

- (a) Each protective case must have either carrying or lifting handles;
- (b) Each carrying or lifting handle must have the capability of being recessed within the maximum envelope of the Protective Case when not in use;
- (c) Each carrying or lifting handle must be galvanically compatible with all other material used;
- (d) Each carrying or lifting handles must be installed on surfaces structurally capable of safely supporting the Protective Case and its contents;
- (e) Each carrying or lifting handle must be positioned to ensure lifting stability for the user;
- (f) Each protective case and its contents weighting more than forty-five (45) pounds must have lifting handles that are located to allow a two-person lift;
- (g) Each protective case with carrying handles must pivot no more than one hundred eighty (180) degrees;
- (h) Each protective case with lifting handles must pivot no more than ninety (90) degrees;
- (i) Edge Casters and Pull-Handle;

- (j) Unless otherwise noted each protective case must have edge casters and pull-handle to accommodate one-person movement on flat surfaces;
- (k) Automatic Pressure Relief Valve;
- (l) Unless otherwise noted each protective case must have an automatic pressure relief valve to equalize air pressure between inside and outside air;
- (m) Each automatic pressure relief valve must be sized with a flow rate sufficient to protect each protective case against damage;
- (n) Each automatic pressure relief valve must be positioned to prevent damage and accidental opening; and
- (o) Each automatic pressure relief valve must be replaceable without the use of special tools.

7.7 **Temperature**

Each protective case must withstand an ambient temperature range of -29°Celsius to +60°Celsius.

7.8 **Fungus and Corrosion**

Each protective case must be resistant to fungus and corrosion in accordance with MIL-HDBK-454B, guideline 4.

7.9 **Ingress Protection**

Each protective case must conform, in accordance with IP65.

7.10 **Safety Requirements**

- (a) Each protective case must have no sharp corners or edges and any other condition which might be hazardous to personnel. Seams must be smooth with no burrs or rough edges. All joints must be smooth and fit flush, with no cracks or gaps; and
- (b) All external hardware employed on each protective case must be recessed within the envelope of the case or protected by bosses or corrugations. These bosses and corrugations must not be a detriment to the protective case.

7.11 **Workmanship**

Each protective case must be free from all defects, that is, free of poor molding fabrication, loose materials, damaged or improperly assembled case, peeling, or chipping of plating or finish, nick and burrs of metal parts and post molding warpage which affect the durability, strength, safety or serviceability.

7.12 **Finish**

Each protective case exterior must be low lustre black or grey in colour.

8.0 PROTECTIVE CASE 2 ½ HARD DRIVE SPECIFICATIONS

This section defines the requirements that must be met for all Protective Case 2 ½ Hard Drive cases

8.1 General

- a) Each Protective Case 2 ½ Hard Drive case must have an identical configuration;
- b) Each Protective Case 2 ½ Hard Drive case must protect components as identified in the IT Equipment Table below from the hazards of transportation by land, air and sea; and
- c) Each Protective Case 2 ½ Network Storage Drive must function as a hand held courier case.

8.2 IT Equipment

Each Protective Case 2 ½ Hard Drive case will accommodate IT Equipment as indicated in table below.

IT Equipment Table

Item	Manufacture	Model	Individual Weight (pounds)	Item Qty.	Total Weight (pounds)	Individual Size (inch)
Hard Drive 2 ½" with carrier	Dell-EMC	D3F-2SFXL2-15360	0.3	20	6.0	3.25 x 4.63 x 0.5
Total IT Equipment Weight					6.0	

8.3 Weight and Size Limitations

- a) Each Protective Case 2 ½ Hard Drive case and its contents must not exceed twenty (20) pounds including all components installed by the Contractor;
- b) Each Protective Case 2 ½ Hard Drive case must support an internal payload as indicated in IT Equipment Table in article 8.2 Total Weight cell;
- c) The dimensions for each item to be transported is indicated in IT Equipment Table in article 8.2 size cell; and
- d) Each Protective Case 2 ½ Hard Drive case will not exceed external dimensions of twenty (20) inches in length, fifteen (15) inches in width, and ten (10) inches in depth.

8.4 Transmission of Vibration and Shock

- a) Each Protective Case 2 ½ Hard Drive case must protect items indicated in IT Equipment table in article 8.2 against shock and vibration;
- b) Each Protective Case 2 ½ Hard Drive case will have a custom cut-out anti-static foam insert to protect the equipment contained within; and
- c) The DND equipment included within the Protective Case 2 ½ Hard Drive case has a 1,500G, duration 0.5 milliseconds shock rating.

8.5 Security

- a) Each Protective Case 2 ½ Hard Drive case must be equipped with metal-reinforced padlock hasps capable of inserting a padlock with a twenty-five (25) millimetre long shackle and six (6) millimetre in diameter; and
- b) The anti-static foam needs to be removable allowing the foam and its contents to be wrapped with kraft grade A-50 wrapping material, and fibre-reinforced paper tape for security purposes. DND will provide a sample of kraft grade A-50 wrapping material and fibre-reinforced paper tape after contract award.

8.6 Storage and Transportability

- a) Each Protective Case 2 ½ Hard Drive case must be ribbed in such a fashion as to avoid shifting and slipping when stacked.

9.0 PROTECTIVE CASE 3 ½ HARD DRIVE SPECIFICATIONS

This section defines the requirements that must be met for all Protective Case 2 ½ Hard Drive cases

9.1 General

- d) Each Protective Case 3 ½ Hard Drive case must have an identical configuration;
- e) Each Protective Case 3 ½ Hard Drive case must protect components as identified in the IT Equipment Table below from the hazards of transportation by land, air and sea; and
- f) Each Protective Case 3 ½ Network Storage Drive must function as a hand held courier case.

9.2 IT Equipment

Each Protective Case 3 ½ Hard Drive case will accommodate IT Equipment as indicated in table below.

IT Equipment Table

Item	Manufacture	Model	Individual Weight (pounds)	Item Qty.	Total Weight (pounds)	Individual Size (inch)
Hard Drive 3 ½" with carrier	CRU	QX310	1	5	5	5.91 x 3.94 x 0.98
Hard Drive 3 ½" with carrier	CRU	DataPort DX175	2	5	10	4.5 x 7 x 1.25
Portable USB Blu-Ray Drive	Buffalo	BRXL-PT6U2VB	0.5	2	1	5.4 x 6 x 0.6
Total IT Equipment Weight					16.0	

9.3 Weight and Size Limitations

- a) Each Protective Case 3 ½ Hard Drive case and its contents must not exceed thirty-five (35) pounds including all components installed by the Contractor;
- b) Each Protective Case 3 ½ Hard Drive case must support an internal payload as indicated in IT Equipment Table in article 9.2 Total Weight cell;
- c) The dimensions for each item to be transported is indicated in IT Equipment Table in article 9.2 size cell; and
- d) Each Protective Case 3 ½ Hard Drive case will not exceed external dimensions of twenty-five (25) inches in length, twenty (20) inches in width, and fifteen (15) inches in depth.

9.4 Transmission of Vibration and Shock

- a) Each Protective Case 3 ½ Hard Drive case must protect items indicated in IT Equipment table in article 9.2 against shock and vibration;
- b) Each Protective Case 3 ½ Hard Drive case will have a custom cut-out anti-static foam insert to protect the equipment contained within; and
- c) The DND equipment included within the Protective Case 3 ½ Hard Drive case has a 1,500G, duration 0.5 milliseconds shock rating.

9.5 Security

- a) Each Protective Case 3 ½ Hard Drive case must be equipped with metal-reinforced padlock hasps capable of inserting a padlock with a twenty-five (25) millimetre long shackle and six (6) millimetre in diameter; and
- b) The anti-static foam needs to be removable allowing the foam and its contents to be wrapped with kraft grade A-50 wrapping material, and fibre-reinforced paper tape for security purposes. DND will provide a sample of kraft grade A-50 wrapping material and fibre-reinforced paper tape after contract award.

9.6 Storage and Transportability

Each Protective Case 3 ½ Hard Drive case must be ribbed in such a fashion as to avoid shifting and slipping when stacked.

10.0 **PROTECTIVE CASE SUPPORT COMPONENTS SPECIFICATIONS**

This section defines the requirements that must be met for all Protective Case Support Components cases.

10.1 **General**

Each Protective Case Support Components case must have an identical configuration.

10.2 **Deliverable**

The Contractor must provide the following Protective Case Support Components case;

- a) Manufacture: Pelican,
- b) Model: Trunk Case Single Lid,
- c) Part Number: AL4024-1305.

10.3 **Configuration**

The Protective Case Support Components must include options; automatic pressure relief valve, edge casters, and lockable padlock hasp installed.

11.0 **PROTECTIVE CASE BLADE SERVER CASE SPECIFICATIONS**

This section defines the requirements that must be met for all Protective Case Blade Server cases.

11.1 **General**

- (a) Each Protective Case Blade Server case must have an identical configuration.
- (b) Each Protective Case Blade Server case must protect components as identified in the IT Equipment Table below from the hazards of transportation by land, air and sea.

11.2 **IT Equipment**

Each Protective Case Blade Server case will accommodate IT Equipment as indicated in table below.

IT Equipment Table

Item	Manufacture	Model	Individual Weight (pounds)	Item Qty.	Total Weight (pounds)	Individual Size (inch)
Blade Server	Dell-EMC	FC630	10	2	20	8.7 X 21.18 X 1.59
Total IT Equipment Weight					20	

11.3 **Weight and Size Limitations**

- (a) Each Protective Case Blade Server case and its contents must not exceed fifty (50) pounds including all components installed by the Contractor;
- (b) Each Protective Case Blade Server case must support an internal payload as indicated in IT Equipment Table in article 11.2; Total Weight cell;
- (c) The dimensions for each item to be transported is indicated in IT Equipment Table in article 11.2; Size cell; and
- (d) Each Protective Case Blade Server case will not exceed external dimensions of seventeen (17) inches in width, ten (10) inches in depth, and thirty-five (35) inches in length.

11.4 **Transmission of Vibration and Shock**

- (a) Each Protective Case Blade Server case must protect items indicated in IT Equipment table in article 11.2 against shock and vibration;
- (b) Each Protective Case Blade Server case will have a custom cut-out fire resistant anti-static foam insert to protect the equipment contained within; and
- (c) The DND equipment included within the Protective Case Blade Server case has a vibration rating of 1.88 GRMS at 10 Hz to 500 Hz for 15 min (all six sides tested) and, a shock rating of six (6) consecutively run shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 71 G for up to 2 milliseconds.

11.5 **Security**

- (a) Each Protective Case Blade Server case must be equipped with metal-reinforced padlock hasps capable of inserting a padlock with a twenty-five (25) millimetre long shackle and six (6) millimetre in diameter; and
- (b) The anti-static foam needs to be removable allowing the foam and its contents to be wrapped with kraft grade A-50 wrapping material, and fibre-reinforced paper tape for security purposes. DND will provide a sample of kraft grade A-50 wrapping material and fibre-reinforced paper tape after contract award.

11.6 **Storage and Transportability**

- (a) Each Protective Case Blade Server case must be ribbed in such a fashion as to avoid shifting and slipping when stacked; and
- (b) Each Protective Case Blade Server case must have one set of edge casters and pull-handle to accommodate a one-person movement on flat surfaces.

12.0 **PROTECTIVE CASE WORKSTATION CASE SPECIFICATIONS**

This section defines the requirements that must be met for all Protective Case Workstation cases.

12.1 **General**

- (a) Each Protective Case Workstation case must have a standard configuration; and
- (b) Each Protective Case Workstation case must protect the identified IT EQUIPMENT from the hazards of transportation by land, air and sea.

12.2 **IT Equipment**

Each Protective Case Workstation case will accommodate IT Equipment as indicated in table below.

IT Equipment Table

Item	Manufacture	Model	Individual Weight (pounds)	Item Qty.	Total Weight (pounds)	Individual Size (inch)
Computer Keyboard Mouse	HP	Z8 G4	56.5	1	56.5	8.5 X 21.7 X 17.5
Display	NEC	PA243W-BK	17.5	2	35	21.9 X 2.3 X 14.2
Display Stand (detachable)	NEC	Comes with display		2		9 X 4 X 11
USB Headset	Logitech	H390	0.72	1	0.72	2.8 X 7.9 X 8.7
Total IT Equipment Weight					119.72	

12.3 **Weight and Weight and Size Limitations**

- (a) Each Protective Case Workstation case and its contents must not exceed one hundred and ninety (190) pounds including all components installed by the Contractor;
- (b) Each Protective Case Workstation case must support an internal payload as indicated in IT Equipment Table in article 12.2; Total Weight cell;
- (c) The dimensions for each item to be transported is indicated in IT Equipment Table in article 12.2; Size cell;
- (d) Each Protective Case Workstation case will not exceed external dimensions of and fifty-five (55) inches in length, thirty (30) inches in width, and thirty-five (35) inches in depth; and
- (e) Each Protective Case Workstation case must support up to four hundred (400) pounds when stacked.

12.4 **Transmission of Vibration and Shock**

- (a) Each Protective Case Workstation case must protect indicated in IT Equipment Table in article 12.2 against shock and vibration;
- (b) Each Protective Case Workstation case will have a custom cut-out foam insert to protect the equipment contained within; and
- (c) The most sensitive DND equipment included within the Protective Case Workstation case is the computer. The non-operating shock rating is ½-sine: 160 cm/s, 2-3ms (~105g) square: 422 cm/s, 20g with a vibration rating of 2.0g (RMS), 5-500 Hz, up to 0.0150 g²/Hz.

12.5 **Security**

Each Protective Case Workstation case must be equipped with metal-reinforced padlock hasps capable of inserting a padlock with a twenty-five (25) millimeter long shackle and six (6) millimeter in diameter.

12.6 **Storage and Transportability**

- (a) Each Protective Case Workstation case must be ribbed in such a fashion as to avoid shifting and slipping when stacked; and
- (b) Each Protective Case Workstation case must have one set of casters to accommodate a one-person movement on flat surfaces.

13.0 **PROTECTIVE CASE WORKSTATION UPS CASE SPECIFICATIONS**

This section defines the requirements that must be met for all Protective Case Workstation UPS cases

13.1 **General**

- (a) Each Protective Case Workstation case must have a standard configuration; and
- (b) Each Protective Case Workstation case must protect the identified IT EQUIPMENT from the hazards of transportation by land, air and sea.
- (c) IT Equipment

13.2 **IT Equipment**

Each Protective Case Workstation case will accommodate IT Equipment as indicated in table below.

IT Equipment Table

Item	Manufacture	Model	Individual Weight (pounds)	Item Qty.	Total Weight (pounds)	Individual Size (inch)
UPS	APC	BR1500MS	27.5	5	137.5	4.4 x 15 x 11.9
Total IT Equipment Weight					137.5	

13.3 **Weight and Weight and Size Limitations**

- (a) Each Protective Case Workstation case and its contents must not exceed one hundred-ninety(190) pounds including all components installed by the Contractor;
- (b) Each Protective Case Workstation case must support an internal payload as indicated in IT Equipment Table in article 13.2; Total Weight cell;
- (c) The dimensions for each item to be transported is indicated in IT Equipment Table in article 13.2; Size cell;
- (d) Each Protective Case Workstation case will not exceed external dimensions of twenty-five (25) inches in length, thirty-five (35) inches in width, and thirty (30) inches in depth; and
- (e) Each Protective Case Workstation case must support up to four hundred (400) pounds when stacked

13.4 **Transmission of Vibration and Shock**

- (a) Each Protective Case Workstation case must protect indicated in indicated IT Equipment in article 13.2; against shock and vibration;; and
- (b) Each Protective Case Workstation case will have a custom cut-out foam insert to protect the equipment contained within.

13.5 **Security**

Each Protective Case Workstation case must be equipped with metal-reinforced padlock hasps capable of inserting a padlock with a twenty-five (25) millimeter long shackle and six (6) millimeter in diameter.

13.6 **Storage and Transportability**

- (a) Each Protective Case Workstation case must be ribbed in such a fashion as to avoid shifting and slipping when stacked; and
- (b) Each Protective Case Workstation case must have one set of casters to accommodate a one-person movement on flat surfaces.

14.0 **PROTECTIVE CASE OFFICE FORMAT MULTI-FUNCTION PRINTER CASE SPECIFICATIONS**

This section defines the requirements that must be met for all Protective Case Office Format multi-Function Printer (MFP) cases.

14.1 **General**

- (a) Each Protective Case Office Format MFP case must have a standard configuration; and
- (b) Each Protective Case Office Format MFP case must protect the identified from the hazards of transportation by land, air and sea.

14.2 **IT Equipment**

Each Protective Case Office Format MFP case will accommodate IT Equipment as indicated in table below.

IT Equipment Table

Item	Manufacture	Model	Individual Weight (pounds)	Item Qty.	Total Weight (pounds)	Individual Size (inch)
Office Format MFP	Lexmark	CX622ADE	59.5	1	59.5	15.9 X 20.8 X 17.6
Total IT Equipment Weight					59.5	

14.3 **Weight and Size Limitations**

- (a) Each Protective Case Office Format MFP case and its contents must not exceed one hundred and ninety (190) pounds including all components installed by the Contractor;
- (b) Each Protective Case Office Format MFP case must support an internal payload as indicated in IT Equipment Table in article 14.2; Total Weight cell;
- (c) The dimensions for each item to be transported is indicated in IT Equipment Table in article 14.2; Size cell;
- (d) Each Protective Case Office Format MFP case will not exceed external dimensions of thirty-five (35) inches in length, thirty-five (35) inches in width, and thirty (30) inches in depth; and
- (e) Each Protective Case Office Format MFP case must support up to four hundred (400) pounds when stacked.

14.4 **Transmission of Vibration and Shock**

- (a) Each Protective Case Office Format case must protect indicated IT Equipment in article 14.2 against shock and vibration; and
- (b) Each Protective Case Office Format MFP case will have a custom cut-out foam insert to protect the equipment contained within.

14.5 **Security**

Each Protective Case Office Format MFP case must be equipped with metal-reinforced padlock hasps capable of inserting a padlock with a twenty-five (25) millimeter long shackle and six (6) millimeter in diameter.

14.6 **Storage and Transportability**

- (a) Each Protective Case Office Format MFP case must be ribbed in such a fashion as to avoid shifting and slipping when stacked; and
- (b) Each Protective Case Office Format MFP case must have one set of casters to accommodate a one-person movement on flat surfaces.

15.0 PROTECTIVE CASE WIDE FORMAT MULTI-FUNCTION PRINTER CASE SPECIFICATIONS

This section defines the requirements that must be met for all Protective Case Wide Format Multi-Function Printer (WFP) cases.

15.1 General

- (a) Each Protective Case Wide Format MFP case must have a standard configuration; and
- (b) Each Protective Case Wide Format MFP case must protect the identified from the hazards of transportation by land, air and sea.

15.2 IT Equipment

Each Protective Case Wide Format MFP case will accommodate IT Equipment as indicated in table below.

IT Equipment Table

Item	Manufacture	Model	Individual Weight (pounds)	Item Qty.	Total Weight (pounds)	Individual Size (inch)
Wide Format MFP with scanner	HP	T830 P/N: F9A30C#BCB	109	1	109	55.2 X 19.25 X 12.5
Total IT Equipment Weight					109	

15.3 Weight and Size Limitations

- (a) Each Protective Case Wide Format MFP case and its contents must not exceed two-hundred and seventy (270) pounds including all components installed by the Contractor;
- (b) Each Protective Case Wide Format MFP case must support an internal payload as indicated in IT Equipment Table in article 15.2; Total Weight cell;
- (c) The dimensions for each item to be transported is indicated in IT Equipment Table in article 15.2; Size cell;
- (d) Each Protective Case Wide Format MFP case must not exceed external dimensions of sixty-five (65) inches in length, thirty (30) inches in width, and thirty (30) inches in depth; and
- (e) Each Protective Case Wide Format MFP case must support up to five hundred (500) pounds when stacked.

15.4 Transmission of Vibration and Shock

- (a) Each Protective Case Wide Format MFP case must protect indicated IT Equipment in article 15.2 against shock and vibration; and
- (b) Each Protective Case Wide Format MFP case will have a custom cut-out foam insert to protect the equipment contained within.

15.5 Security

Each Protective Case Wide Format MFP case must be equipped with metal-reinforced padlock hasps capable of inserting a padlock with a twenty-five (25) millimetre long shackle and six (6) millimetre in diameter.

15.6 Storage and Transportability

- (a) Each Protective Case Wide Format MFP case must be ribbed in such a fashion as to avoid shifting and slipping when stacked; and
- (b) Each Protective Case Wide Format MFP case must have one set of casters to accommodate a one-person movement on flat surfaces.

16.0 PROTECTIVE CASE NETWORK FIBER CASE SPECIFICATIONS

This section defines the requirements that must be met for all Protective Case Network Fiber Cases.

16.1 General

- (a) Each Protective Case Network Fiber case must have a standard configuration; and
- (b) Each Protective Case Network Fiber case must protect the identified from the hazards of transportation by land, air and sea.

16.2 IT Equipment

Each Protective Case Network Fiber case will accommodate IT Equipment as indicated in table below.

IT Equipment Table

Item	Manufacture	Model	Individual Weight (pounds)	Item Qty.	Total Weight (pounds)	Individual Size (inch)
Network Fiber Cable with reel	Infinite Cables	CS-18613-150	4.44	12	53.28	9.25 X 11.75 X 8.5
Total IT Equipment Weight					53.28	

16.3 Weight and Size Limitations

- (a) Each Protective Case Network Fiber case and its contents must not exceed one hundred-ninety (190) pounds including all components installed by the Contractor;
- (b) Each Protective Case Network Fiber case must support an internal payload as indicated in IT Equipment Table in article 16.2; Total Weight cell;
- (c) The dimensions for each item to be transported is indicated in IT Equipment Table in article 16.2; Size cell;
- (d) Each Protective Case Network Fiber case will not exceed external dimensions of fifty (50) inches in length, forty (40) inches in width, and thirty (30) inches in depth; and
- (e) Each Protective Case Network Fiber case must support up to three hundred (300) pounds when stacked.

16.4 Transmission of Vibration and Shock

- (a) The DND equipment included within the Protective Case Network Fiber case has no shock and vibration rating requirement; and
- (b) Each Protective Case Network Fiber will have a custom cut-out foam insert to protect the equipment contained within.

16.5 Security

Each Protective Case Network Fiber case must be equipped with metal-reinforced padlock hasps capable of inserting a padlock with a twenty-five (25) millimetre long shackle and six (6) millimetre in diameter.

16.6 Storage and Transportability

- (a) Each Protective Case Network Fiber case must be ribbed in such a fashion as to avoid shifting and slipping when stacked; and
- (b) Each Protective Case Network Fiber case must have one set of casters to accommodate a one-person movement on flat surfaces.

Solicitation No. - N° de l'invitation
W8474-22-AL11
Client Ref. No. - N° de réf. du client
W8474-22-AL11

Amd. No. - N° de la modif.
File No. - N° du dossier
W8474-22-AL11

Buyer ID - Id de l'acheteur
W8474-22-AL11
CCC No./N° CCC - FMS No./N° VME

ATTACHMENT 1 TO PART 3 OF THE - BID SOLICITATION – PRICING SCHEDULE

Bidders may use Attachment 1 to Part 3 to indicate their prices. If Bidders choose to use Attachment 1 to Part 3 to indicate their prices, Bidders must include Attachment 1 to Part 3 in their financial bid.

Initial Deliverables (including First Article Build & Final Article Build)

Item	Item Description	Unit of Issue	Quantity	Unit Price	Extended Price	Proposed Delivery Date
1	Protective Case 2 ½ Hard Drive	EA	4			
2	Protective Case 3 ½ Hard Drive	EA	8			
3	Protective Case Support Components	EA	4			
4	Protective Blade Server Case with custom foam insert	EA	8			
5	Protective Case Workstation with custom foam insert	EA	20			
6	Protective Case Workstation UPS with custom foam insert	EA	4			
7	Protective Case Office Format Multi-Function Printer with custom foam insert	EA	10			
8	Protective Case Wide Format Multi-Function Printer with custom foam insert	EA	13			
9	Protective Case Network Fiber Cables with custom foam insert	EA	4			
					Sub-total	
					Taxes	
					Total	

Solicitation No. - N° de l'invitation
W8474-22-AL11
Client Ref. No. - N° de réf. du client
W8474-22-AL11

Amd. No. - N° de la modif.
File No. - N° du dossier
W8474-22-AL11

Buyer ID - Id de l'acheteur
W8474-22-AL11
CCC No./N° CCC - FMS No./N° VME

ATTACHMENT 1 TO PART 3 OF THE - BID SOLICITATION – PRICING SCHEDULE (Con'd)

Optional Deliverables

Item	Item Description	Unit of Issue	Quantity	Unit Price	Extended Price	Proposed Delivery Date
1	Protective Case 2 ½ Hard Drive	EA	3			
2	Protective Case 3 ½ Hard Drive	EA	6			
3	Protective Case Support Components	EA	3			
4	Protective Blade Server Case with custom foam insert	EA	6			
5	Protective Case Workstation with custom foam insert	EA	15			
6	Protective Case Workstation UPS with custom foam insert	EA	4			
7	Protective Case Office Format Multi-Function Printer with custom foam insert	EA	3			
8	Protective Case Wide Format Multi-Function Printer with custom foam insert	EA	3			
9	Protective Case Network Fiber Cables with custom foam insert	EA	3			
					Sub-total	
					Taxes	
					Total	

ANNEX "B" - Evaluation Criteria

1.0 **Method of Selection**

- (c) The method of selection will be a combination of point rated and lowest cost compliant.
- (d) The bidder that obtains the highest points and is the lowest cost compliant will be considered responsive.

1.1 **Point Rated Evaluation Criteria**

To be considered responsive, a bid must meet a minimum of twenty (20) points. Bids not meeting the twenty (20) points will be given no further consideration.

#	Point Rated Criteria	Scale	How to Demonstrate Responsiveness	Reference to page number in Bid Proposal
R1	<p>The Bidder must clearly demonstrate their ability to provide protective cases by providing a minimum of two (2) projects and up to a maximum of five (5) projects performed in the last six years from the date of the Request for Proposal. The projects must include the successful delivery of custom protective cases with foam inserts as outlined in the Statement of Work, Annex A. The protective cases must be of similar composition.</p> <p>The project must include all of the following:</p> <ul style="list-style-type: none"> a. Client Organization; b. Start Date and Duration; c. Scope of Work or Statement of Requirement; and d. Name, current email address, current phone number and title of the client's project authority or authorized representative who will confirm the Bidder's claim. <p>*Successful is defined as having achieved the desired and correct result within a specific parameter. *Similar is defined as having traits or characteristics in common; alike, comparable.</p>	<p>Ten (10) points per project submitted. Minimum of twenty (20) points up to a maximum of fifty (50) points.</p>	<p>The Bidder must provide a soft copy in PDF format that describes the Projects and includes all the requested information with a page reference to where the information is located.</p>	

ANNEX "C" - SECURITY REQUIREMENTS CHECK LIST



Government of Canada / Gouvernement du Canada

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**SECURITY REQUIREMENTS CHECK LIST (SRCL)
LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)**

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE			
1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine Department of National Defence		2. Branch or Directorate / Direction générale ou Direction ADM(IM) / DGIMPD / DPDMIS	
3. a) Subcontract Number / Numéro du contrat de sous-traitance		3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant	
4. Brief Description of Work / Brève description du travail Procurement of shipping cases to transport IT equipment. Contractor will need to visit DND/GoC facility to measure equipment for customized foam to protect equipment.			
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées?		<input checked="" type="checkbox"/> No Non	<input type="checkbox"/> Yes Oui
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques?		<input checked="" type="checkbox"/> No Non	<input type="checkbox"/> Yes Oui
6. Indicate the type of access required / Indiquer le type d'accès requis			
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c)		<input checked="" type="checkbox"/> No Non	<input type="checkbox"/> Yes Oui
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé.		<input type="checkbox"/> No Non	<input checked="" type="checkbox"/> Yes Oui
6. c) Is this a commercial courier or delivery requirement with no overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit?		<input checked="" type="checkbox"/> No Non	<input type="checkbox"/> Yes Oui
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès			
Canada <input type="checkbox"/>	NATO / OTAN <input type="checkbox"/>	Foreign / Étranger <input type="checkbox"/>	
7. b) Release restrictions / Restrictions relatives à la diffusion			
No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>	All NATO countries Tous les pays de l'OTAN <input type="checkbox"/>	No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>	
Not releasable À ne pas diffuser <input type="checkbox"/>			
Restricted to: / Limité à : <input type="checkbox"/>	Restricted to: / Limité à : <input type="checkbox"/>	Restricted to: / Limité à : <input type="checkbox"/>	
Specify country(ies): / Préciser le(s) pays :	Specify country(ies): / Préciser le(s) pays :	Specify country(ies): / Préciser le(s) pays :	
7. c) Level of information / Niveau d'information			
PROTECTED A PROTÉGÉ A <input type="checkbox"/>	NATO UNCLASSIFIED NATO NON CLASSIFIÉ <input type="checkbox"/>	PROTECTED A PROTÉGÉ A <input type="checkbox"/>	
PROTECTED B PROTÉGÉ B <input type="checkbox"/>	NATO RESTRICTED NATO DIFFUSION RESTREINTE <input type="checkbox"/>	PROTECTED B PROTÉGÉ B <input type="checkbox"/>	
PROTECTED C PROTÉGÉ C <input type="checkbox"/>	NATO CONFIDENTIAL NATO CONFIDENTIEL <input type="checkbox"/>	PROTECTED C PROTÉGÉ C <input type="checkbox"/>	
CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>	NATO SECRET NATO SECRET <input type="checkbox"/>	CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>	
SECRET SECRET <input type="checkbox"/>	COSMIC TOP SECRET COSMIC TRÈS SECRET <input type="checkbox"/>	SECRET SECRET <input type="checkbox"/>	
TOP SECRET TRÈS SECRET <input type="checkbox"/>		TOP SECRET TRÈS SECRET <input type="checkbox"/>	
TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>		TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>	



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PART A (continued) / PARTIE A (suite)

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS? No / Non Yes / Oui
If Yes, indicate the level of sensitivity:
Dans l'affirmative, indiquer le niveau de sensibilité :

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate? No / Non Yes / Oui
Short Title(s) of material / Titre(s) abrégé(s) du matériel :
Document Number / Numéro du document :

PART B - PERSONNEL (SUPPLIER) / PARTIE B - PERSONNEL (FOURNISSEUR)

10. a) Personnel security screening level required / Niveau de contrôle de la sécurité du personnel requis

<input checked="" type="checkbox"/> RELIABILITY STATUS COTE DE FIABILITÉ	<input type="checkbox"/> CONFIDENTIAL CONFIDENTIEL	<input type="checkbox"/> SECRET SECRET	<input type="checkbox"/> TOP SECRET TRÈS SECRET
<input type="checkbox"/> TOP SECRET- SIGINT TRÈS SECRET - SIGINT	<input type="checkbox"/> NATO CONFIDENTIAL NATO CONFIDENTIEL	<input type="checkbox"/> NATO SECRET NATO SECRET	<input type="checkbox"/> COSMIC TOP SECRET COSMIC TRÈS SECRET
<input type="checkbox"/> SITE ACCESS ACCÈS AUX EMBLEMES			

Special comments:
Commentaires spéciaux : Access to 360 Lebreton St S, Ottawa, ON K1A 0E9 to measure unclass equipment in operational zone.

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.
REMARQUE : Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscreened personnel be used for portions of the work?
Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail? No / Non Yes / Oui
If Yes, will unscreened personnel be escorted?
Dans l'affirmative, le personnel en question sera-t-il escorté? No / Non Yes / Oui
On DND premises, unscreened pers. may only access public/reception zones

PART C - SAFEGUARDS (SUPPLIER) / PARTIE C - MESURES DE PROTECTION (FOURNISSEUR)

INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED information or assets on its site or premises?
Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS? No / Non Yes / Oui

11. b) Will the supplier be required to safeguard COMSEC information or assets?
Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC? No / Non Yes / Oui

PRODUCTION

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises?
Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ? No / Non Yes / Oui

INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF À LA TECHNOLOGIE DE L'INFORMATION (TI)

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED information or data?
Le fournisseur sera-t-il tenu d'utiliser ses propres systèmes informatiques pour traiter, produire ou stocker électroniquement des renseignements ou des données PROTÉGÉS et/ou CLASSIFIÉS? No / Non Yes / Oui

11. e) Will there be an electronic link between the supplier's IT systems and the government department or agency?
Disposera-t-on d'un lien électronique entre le système informatique du fournisseur et celui du ministère ou de l'agence gouvernementale? No / Non Yes / Oui



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PART C - (continued) / PARTIE C - (suite)

For users completing the form **manually** use the summary chart below to indicate the category(ies) and level(s) of safeguarding required at the supplier's site(s) or premises.
Les utilisateurs qui remplissent le formulaire **manuellement** doivent utiliser le tableau récapitulatif ci-dessous pour indiquer, pour chaque catégorie, les niveaux de sauvegarde requis aux installations du fournisseur.

For users completing the form **online** (via the Internet), the summary chart is automatically populated by your responses to previous questions.
Dans le cas des utilisateurs qui remplissent le formulaire **en ligne** (par Internet), les réponses aux questions précédentes sont automatiquement saisies dans le tableau récapitulatif.

SUMMARY CHART / TABLEAU RÉCAPITULATIF

Category Catégorie	PROTECTED PROTÉGÉ			CLASSIFIED CLASSIFIÉ			NATO				COMSEC						
	A	B	C	CONFIDENTIAL CONFIDENTIEL	SECRET	TOP SECRET TRÈS SECRET	NATO RESTRICTED NATO DIFFUSION RESTREINTE	NATO CONFIDENTIAL NATO CONFIDENTIEL	NATO SECRET	COSMIC TOP SECRET COSMIC TOP SECRET	PROTECTED PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET TRÈS SECRET	
											A	B	C				
Information / Assets Renseignements / Biens Production																	
IT Media / Support TI																	
IT Link / Lien électronique																	

12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED?
La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE? No / Non Yes / Oui

**If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification".
Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire.**

12. b) Will the documentation attached to this SRCL be PROTECTED and/or CLASSIFIED?
La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE? No / Non Yes / Oui

**If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification" and indicate with attachments (e.g. SECRET with Attachments).
Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire et indiquer qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).**



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PART D - AUTHORIZATION / PARTIE D - AUTORISATION			
13. Organization Project Authority / Chargé de projet de l'organisme			
Name (print) - Nom (en lettres moulées) Nicholas Brassard	Title - Titre DPDMIS Team Lead	Signature BRASSARD, NICHOLAS 797	Digitally signed by BRASSARD, NICHOLAS 797 Date: 2021.08.31 13:51:18 -04'00'
Telephone No. - N° de téléphone 613-990-3073	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel nicholas.brassard@forces.gc.ca	Date 31-Aug-2021
14. Organization Security Authority / Responsable de la sécurité de l'organisme			
Name (print) - Nom (en lettres moulées) Sasa Medjovic	Title - Titre Senior security analyst	Signature MEDJOVIC, SASHA 234	Digitally signed by MEDJOVIC, SASHA 234 DN: cn=CA, o=CCDC, ou=DRIVE-MOBI, ou=Personnel, ou=INTERN, cn= MEDJOVIC, SASHA 234 Reason: I am the author of this document Location: your signing location here Date: 2021.08.02 11:28:15-0400 File: Phlantom.PCF version: 10.1.4
Telephone No. - N° de téléphone 613-996-0286	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel sasa.medjovic@forces.gc.ca	Date
15. Are there additional instructions (e.g. Security Guide, Security Classification Guide) attached? Des instructions supplémentaires (p. ex. Guide de sécurité, Guide de classification de la sécurité) sont-elles jointes?			<input type="checkbox"/> No Non <input type="checkbox"/> Yes Oui
16. Procurement Officer / Agent d'approvisionnement			
Name (print) - Nom (en lettres moulées)	Title - Titre	Signature	
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date
17. Contracting Security Authority / Autorité contractante en matière de sécurité			
Name (print) - Nom (en lettres moulées)	Title - Titre	Signature	
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date

ANNEX “D” to PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

As indicated in Part 3, clause 3.1.2, the Bidder must identify which electronic payment instruments they are willing to accept for payment of invoices.

The Bidder accepts any of the following Electronic Payment Instrument(s):

- Direct Deposit (Domestic and International); and
- Wire Transfer (International Only).