

Amendment 001 is raised to revise the solicitation title and the acronym used for the Power Distribution Unit to account for proper French language translation.

Solicitation title changed from “UPS & PDU” to “Uninterrupted Power Supply and Power Distribution Unit” for the English solicitation and “Alimentation sans coupure et unité de distribution de l'alimentation” for the French solicitation. As well, on the French solicitation only the acronym for the Power Distribution Unit has changed from “PDU” to “UDA”.

For clarity purposes, the entire solicitation document is being replaced with this amendment.



**REQUEST FOR PROPOSAL /  
DEMANDE DE PROPOSITION**

**RETURN BIDS TO /  
RETOURNER LES SOUMISSIONS À:**

Danny Ouellette  
danny.ouellette@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).

<b>Title / Titre:</b> Uninterrupted Power Supply and Power Distribution Unit	<b>Solicitation No / No de l'invitation:</b> W8476-216386/A
<b>Date of Solicitation / Date de l'invitation:</b> March 5 2021	
<b>Address Enquiries to – Adresser toutes questions à:</b> Danny Ouellette danny.ouellette@forces.gc.ca Directorate Land Procurement 101 Colonel By Dr. Ottawa, Ontario K1A 0K2	
<b>Telephone No. / N° de téléphone:</b> 343-542-6774	<b>FAX No / No de fax:</b> 0
<b>Destination:</b> DLCSPM 4-8 45 Sacre-Coeur Blvd. Gatineau, QC J8X 1C6	

**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

<b>Solicitation Closes / L'invitation prend fin:</b>  At / à : 14:00  On / le : April 14 2021
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<b>Delivery required / Livraison exigée:</b> 6 Months from contract award	<b>Delivery offered / Livraison proposée:</b>
<b>Vendor Name and Address / Raison sociale et adresse du fournisseur:</b>	
<b>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):</b>	
<b>Name / Nom:</b> _____	<b>Title / Titre:</b> _____
<b>Signature:</b> _____	<b>Date:</b> _____

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## **PART 1 - GENERAL INFORMATION**

### **1.1 Security Requirements**

There are no security requirements related to this requirement.

### **1.2 Statement of Work**

The Work to be performed is detailed under Annex A – Statement of Work.

### **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.

### **1.4 Trade Agreements**

The requirement is subject to the provisions of the Canadian Free Trade Agreement (CFTA), Canada-Panama Free Trade Agreement (CPFTA), Canada-Korea Free Trade Agreement (CKFTA), Canada-Honduras Free Trade Agreement (CHFTA), Canada-Columbia Free Trade Agreement (CCoIFTA), Canada-Chile Free Trade Agreement (CCFTA).

## **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>) 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 and Services – Competitive Requirements, are incorporated by reference into and form part of the bid solicitation, with the following modifications:

- a) Section 02, Procurement Business Number is deleted in its entirety.
- b) Section 20(2), Further Information is deleted in its entirety.
- c) Subsection 2.d. of Section 05, Submission of Bids, is deleted in its entirety and replaced with the following:

Send its bid only to the address specified in the bid solicitation.

- d) Section 06, Late Bids, Is deleted in its entirety;
- e) The text under Section 07, Delayed Bids, is deleted in its entirety and replaced with the following:

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.

- f) Subsection 1 of Section 08, Transmission by facsimile or by epost Connect, is deleted in its entirety.

## 2.2 Electronic Submission of Bids

- 1) 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).
- 2) **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 or epost Connect will not be accepted.

## 2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 5 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.

## **PART 3 - BID PREPARATION INSTRUCTIONS**

### **3.1 Bid Preparation Instructions**

Canada requests that Bidders provide their bid as follows:

Section I: Technical Bid (1 soft copy by email)

Section II: Financial Bid (1 soft copy by email)

Section III: Certifications (1 soft copy by email)

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

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

Canada requests that Bidders follow the format instructions and use a numbering system that corresponds to the bid solicitation in the preparation of their bid.

#### **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 as follows:

- 1) Bidders must submit firm prices, Delivered Duty Paid (DDP) at 45 Sacre Coeur Blvd. Gatineau, Quebec J8X 1C6 Incoterms 2010, Applicable Taxes excluded. The total amount of Applicable Taxes must be shown separately, and,

Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.

#### **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**

C3011T (2013-11-06), Exchange Rate Fluctuation

### **Section III: Certifications**

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

## **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 Mandatory Technical Criteria**

Mandatory Technical Criteria as outlined in Annex A1 – Compliance Matrix

#### **4.1.2 Financial Evaluation**

The price of the bid will be evaluated in Canadian dollars, Delivered Duty Paid (DDP) at 45 Sacre Coeur Blvd. Gatineau, Quebec J8X 1C6 Incoterms 2010, Canadian customs duties and excise taxes included, Applicable Taxes excluded.

### **4.2 Basis of Selection**

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 on an aggregate basis will be recommended for award of a contract.

## **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 otherwise specified, 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 [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.

## 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

There is no security requirement applicable to this Contract.

### 6.2 Statement of Work

The contractor must perform the work as described in Annex A – Statement of Work

### 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, with the following modifications:

a. Definition of Minister is modified as follows:

"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.

### 6.4 Term of Contract

#### 6.4.1 Delivery Date

All the deliverables must be received on or before six (6) months from contract award.



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## 6.4.2 Optional Goods and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex A 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 within 12 months after contract award by sending a written notice to the Contractor.

## 6.5 Shipping Instructions

Goods must be consigned and delivered to the destination, Incoterms 2010 "DDP Delivered Duty Paid", 45 Sacre Coeur Blvd. Gatineau, Quebec J8X 1C6.

## 6.5 Authorities

### 6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

**Name:** Danny Ouellette  
**Title:** Procurement and Finance Manager  
Department of National Defence  
**Directorate:** Directorate Land Procurement  
**Address:** 101 Colonel By dr.  
Ottawa, Ontario K1A 0K2  
**Telephone:** 819-939-9098  
**E-mail address:** danny.ouellette@forces.gc.ca

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

*To be completed at contract award*

The Technical Authority for the Contract is:

**Name:** \_\_\_\_\_  
**Title:** \_\_\_\_\_  
**Organization:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Telephone:** \_\_\_\_ - \_\_\_\_ - \_\_\_\_  
**E-mail:** \_\_\_\_\_.

The Technical Authority named above 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

*To be completed at contract award*

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_  
E-mail: \_\_\_\_\_.

### 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 a firm unit price(s), as specified in the contract for a cost of \$ \_\_\_\_\_ (*insert the amount at contract award*). Customs duties are \_\_\_\_\_ (*insert "included", "excluded" OR "subject to exemption"*) 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 Multiple Payments

H1001C (2008-05-12), Multiple Payments

#### 6.6.3 Electronic Payment of Invoices – Contract

*To be completed based on the response to ATTACHMENT 2 TO PART 3 OF THE - BID SOLICITATION Electronic Payment Instruments, where the Bidder indicated which electronic payment instruments are accepted.*

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

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

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## 6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
  - a. Original must be forwarded electronically to the address shown on page 1 of the Contract for certification and payment.

## 6.8 Certifications

### 6.8.1 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.

## 6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

## 6.10 Priority of Documents

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

- (a) the Articles of Agreement;
- (b) the general conditions, [2010A](#) (2020-05-28), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Statement of Work;
- (d) Annex B, Basis of Payment
- (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)*)

## 6.11 Defence Contract

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

## 6.12 Insurance

SACC Manual clause [G1005C](#) (2016-01-28) Insurance – No Specific Requirement

## 6.13 Packaging Requirement

SACC Manual clause [D2000C](#) (2007-11-30), Markings

SACC Manual clause [D2001C](#) (2007-11-30), Labelling

SACC Manual clause [D2025C](#) (2017-08-17), Wood Packing Materials

SACC Manual clause [D6010C](#) (2007-11-30), Palletization

## **6.14 Quality Assurance**

SACC Manual clause [D5545C](#) (2019-05-30), ISO 9001:2008 – Quality Management Systems Requirement (Quality Assurance Code C)

**ANNEX "A" - STATEMENT OF WORK**

## **Statement of Work (SOW)**

### **Uninterruptible Power Supply (UPS) and Power Distribution Unit (PDU)**



**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.

**1. Background:**

1.1. The Canadian Army has a requirement for Uninterruptible Power Supplies and Power Distribution Units for use in a mobile radio kit, housed in a ruggedized transit case. The mobile kit will be used primarily in a Tactical Operations Centre (TOC) environment, with secondary use in light field conditions.

**2. Deliverables:**

2.1. The Contractor must deliver an Uninterruptible Power Supply (UPS) and Power Distribution Unit (PDU) in accordance with this Statement of Work (SOW).

2.2. The Contractor must deliver four (4) UPS units.

2.3. The Contractor must deliver four (4) PDU units.

2.4. The Contractor must complete all deliveries within six (6) months from the date of contract award.

2.5. The Contractor must deliver the option to purchase up to three (3) additional UPS units, to be exercised within a period of twelve (12) months from the date of contract award, with a delivery date to be mutually agreed upon at the time of order.

2.6. The Contractor must deliver the option to purchase up to three (3) additional PDU units, to be exercised within a period of twelve (12) months from the date of contract award, with a delivery date to be mutually agreed upon at the time of order.

**3. Integrated Logistics Support (ILS) Deliverables:**

3.1. Where components of the UPS and PDU have already been catalogued under a North Atlantic Treaty Organization (NATO) Stock Number (NSN), the Contractor must provide complete and adequate information allowing Canadian Armed Forces (CAF) to correctly catalogue the items with the correct and existing NSN.

3.2. Where components of the UPS and PDU do not already have Unique Item Identifiers (UII), the Contractor must assign and affix UIIs to these items.

3.3. Where components of the UPS and PDU have not already been catalogued, the Contractor must provide the technical documentation required for their codification and cataloguing.

**4. Requirement:**

**4.1. Uninterruptible Power Supply (UPS):**

4.1.1. The UPS must be a fit-for-purpose, military uninterruptible power supply, capable of accepting a world-wide universal alternating current, or a military vehicle direct current power input, and outputting 28VDC with battery backup protection.

4.1.2. The UPS must support a power output of at least 800W.

4.1.3. The UPS must output at 28VDC.

4.1.4. The UPS must accept a universal 100-240VAC, 50/60Hz input.

4.1.4.1. The UPS must include AC power input cables, terminated for a NEMA 5-15 or 5-20 receptacle.

4.1.5. The UPS must accept a nominal 28VDC input in accordance with MIL-STD-1275D.

4.1.5.1. The UPS must include DC power input cables, either terminated or unterminated.

- 4.1.6. The UPS must mount in a standard 19in wide rack.
- 4.1.7. The UPS must mount within a standard 24in deep rack.
- 4.1.8. The UPS must not exceed one (1) rack unit in height.
- 4.1.9. The UPS must not exceed 40lbs in total weight, including battery, but excluding power cables.
- 4.1.10. The UPS must support a power draw of 600W for at least ten (10) minutes, when disconnected from a power source and running on battery power, at an ambient temperature of 25°C.
  - 4.1.10.1. The UPS must switch to battery power without interruption when a power source is disconnected.
- 4.1.11. The UPS must include an external grounding stud.
- 4.1.12. The UPS must provide indicators to a user of the state of the charging system.
- 4.1.13. The UPS must provide an alarm when operating off battery power.
  - 4.1.13.1. The UPS must provide a physical toggle to enable/disable any audible component of the battery power alarm.

4.2. Power Distribution Unit (PDU):

- 4.2.1. The PDU must be a fit-for-purpose military power distribution unit, capable of accepting the output from the UPS and distributing it to a number of breaker-protected circuits.
- 4.2.2. The PDU must operate on 28VDC.
- 4.2.3. The PDU must accept a minimum of 800W input power.
- 4.2.4. The PDU must include a power cable to connect to the UPS output.
- 4.2.5. The PDU must mount in a standard 19in wide rack.
- 4.2.6. The PDU must not exceed 8in in depth.
- 4.2.7. The PDU must not exceed one (1) rack unit in height.
- 4.2.8. The PDU must not exceed 10lbs in total weight.
- 4.2.9. The PDU must include an external grounding stud.
- 4.2.10. The PDU must provide a minimum of the following individually breaker-protected circuits:
  - 4.2.10.1. QTY 1 x 15A;
  - 4.2.10.2. QTY 1 x 2A; and
  - 4.2.10.3. QTY 3 x 1A.

4.3. Common Environmental Requirements:

- 4.3.1. The UPS and PDU must locate any fitted air intake and exhaust ports at either the front and/or rear panels only, to allowing the stacking of other rack equipment above and below.
- 4.3.2. The UPS and PDU must be compliant with MIL-STD-461F for electromagnetic interference in accordance with the following:

- 4.3.2.1. CE102;
  - 4.3.2.2. CS101;
  - 4.3.2.3. CS114;
  - 4.3.2.4. CS116;
  - 4.3.2.5. RE102; and
  - 4.3.2.6. RS103.
- 4.3.3. The UPS and PDU must be able to operate between -20°C and +50°C ambient temperature.
- 4.3.4. The UPS and PDU must be able to be stored, without damage, between -40°C and +60°C ambient temperature.
- 4.3.5. The UPS and PDU must be compliant with MIL-STD-810G for:
- 4.3.5.1. Method 514.6, Procedure I (General Vibration); and
  - 4.3.5.2. Method 516.6, Procedures I (Functional Shock), IV (Transit Drop) and VI (Bench Handling).



**ANNEX "A1" – COMPLIANCE MATRIX**

**Instructions:**

- a. **Compliance Statement :** The Bidder is required to state whether their proposed solution is complaint with each requirement.
- b. **Proof of Compliance Reference:** A compliance statement and references are required for each mandatory requirement. Proof of compliance may be a reference to a particular section in a data sheet or white paper for the product.

Statement of Work Mandatory Requirements Compliance Matrix			
SOW Paragraph		Compliant / Non-Compliant	Proof of Compliance Reference
2.1	The Contractor must deliver an Uninterruptible Power Supply (UPS) and Power Distribution Unit (PDU) in accordance with this Statement of Work (SOW).		
2.2	The Contractor must deliver four (4) UPS units.		
2.3	The Contractor must deliver four (4) PDU units.		
2.4	The Contractor must complete all deliveries within six (6) months from the date of contract award.		
2.5	The Contractor must deliver the option to purchase up to three (3) additional UPS units, to be exercised within a period of twelve (12) months from the date of contract award, with a delivery date to be mutually agreed upon at the time of order.		
2.6	The Contractor must deliver the option to purchase up to three (3) additional PDU units, to be exercised within a period of twelve (12) months from the date of contract award, with a delivery date to be mutually agreed upon at the time of order.		
3.1	Where components of the UPS and PDU have already been catalogued under a North Atlantic Treaty Organization (NATO) Stock Number (NSN), the Contractor must provide complete and adequate information allowing Canadian Armed Forces (CAF) to correctly catalogue the items with the correct and existing NSN.		
3.2	Where components of the UPS and PDU do not already have Unique Item Identifiers (UII), the Contractor must assign and affix UIIs to these items.		
3.3	Where components of the UPS and PDU have not already been catalogued, the Contractor must provide the technical documentation required for their codification and cataloguing.		

4.1.1.	The UPS must be a fit-for-purpose, military uninterruptible power supply, capable of accepting a world-wide universal alternating current, or a military vehicle direct current power input, and outputting 28VDC with battery backup protection.		
4.1.2.	The UPS must support a power output of at least 800W.		
4.1.3.	The UPS must output at 28VDC.		
4.1.4.	The UPS must accept a universal 100-240VAC, 50/60Hz input.		
4.1.4.1	The UPS must include AC power input cables, terminated for a NEMA 5-15 or 5-20 receptacle.		
4.1.5.	The UPS must accept a nominal 28VDC input in accordance with MIL-STD-1275D.		
4.1.5.1.	The UPS must include DC power input cables, either terminated or unterminated.		
4.1.6.	The UPS must mount in a standard 19in wide rack.		
4.1.7.	The UPS must mount within a standard 24in deep rack.		
4.1.8.	The UPS must not exceed one (1) rack unit in height.		
4.1.9.	The UPS must not exceed 40lbs in total weight, including battery, but excluding power cables.		
4.1.10.	The UPS must support a power draw of 600W for at least ten (10) minutes, when disconnected from a power source and running on battery power, at an ambient temperature of 25°C.		
4.1.10.1.	The UPS must switch to battery power without interruption when a power source is disconnected.		
4.1.11.	The UPS must include an external grounding stud.		
4.1.12.	The UPS must provide indicators to a user of the state of the charging system.		
4.1.13.	The UPS must provide an alarm when operating off battery power.		
4.1.13.1.	The UPS must provide a physical toggle to enable/disable any audible component of the battery power alarm.		
4.2.1.	The PDU must be a fit-for-purpose military power distribution unit, capable of accepting the output from the UPS and distributing it to a number of breaker-protected circuits.		
4.2.2.	The PDU must operate on 28VDC.		
4.2.3.	The PDU must accept a minimum of 800W input power.		
4.2.4.	The PDU must include a power cable to connect to the UPS output.		
4.2.5.	The PDU must mount in a standard 19in wide rack.		
4.2.6.	The PDU must not exceed 8in in depth.		

4.2.7.	The PDU must not exceed one (1) rack unit in height.		
4.2.8.	The PDU must not exceed 10lbs in total weight.		
4.2.9.	The PDU must include an external grounding stud.		
4.2.10.1.	The PDU must provide a minimum of one (1) individually breaker-protected fifteen (15) ampere circuits.		
4.2.10.2.	The PDU must provide a minimum of one (1) individually breaker-protected two (2) ampere circuits.		
4.2.10.3.	The PDU must provide a minimum of three (3) individually breaker-protected one (1) ampere circuits.		
4.3.1.	The UPS and PDU must locate any fitted air intake and exhaust ports at either the front and/or rear panels only, to allowing the stacking of other rack equipment above and below.		
4.3.2.1.	The UPS and PDU must be compliant with MIL-STD-461F for electromagnetic interference in accordance with CE102.		
4.3.2.2.	The UPS and PDU must be compliant with MIL-STD-461F for electromagnetic interference in accordance with CS101.		
4.3.2.3.	The UPS and PDU must be compliant with MIL-STD-461F for electromagnetic interference in accordance with CS114.		
4.3.2.4.	The UPS and PDU must be compliant with MIL-STD-461F for electromagnetic interference in accordance with CS116.		
4.3.2.5.	The UPS and PDU must be compliant with MIL-STD-461F for electromagnetic interference in accordance with RE102.		
4.3.2.6.	The UPS and PDU must be compliant with MIL-STD-461F for electromagnetic interference in accordance with RS103.		
4.3.3.	The UPS and PDU must be able to operate between -20°C and +50°C ambient temperature.		
4.3.4.	The UPS and PDU must be able to be stored, without damage, between -40°C and +60°C ambient temperature.		
4.3.5.1.	The UPS and PDU must be compliant with MIL-STD-810G for Method 514.6, Procedure I (General Vibration).		
4.3.5.2.	The UPS and PDU must be compliant with MIL-STD-810G for Method 516.6, Procedures I (Functional Shock), IV (Transit Drop) and VI (Bench Handling).		

**ATTACHMENT 1 TO PART 3 OF THE - BID SOLICITATION**

**PRICING SCHEDULE**

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

Bidders must indicate a price for each item. If an item or a price of an item is included in another item, it should be annotated as such (i.e. Included in Item X”), if the price is \$0.00 or N/A, this should be indicated such that every item has a price indication. Any item without a price will be evaluated as \$0.00 value. The information from this Attachment will be used to generate the Annex B – Pricing Schedule for the contract.

Item	Part #	Description	Unit of Issue	Quantity	Firm Unit Price: (Applicable Taxes extra)	Extended Price: (Applicable Taxes extra)	Total Price: (Tpplicable Taxes included)
001		Uninterrupted Power Supply (UPS)	EA	4			
001A		A/C Power Input Cables	EA	4			
001B		D/C Power Input Cables	EA	4			
002		Power Distribution Unit (PDU)	EA	4			
002A		UPS Power Connection Cable	EA	4			

Optional Purchases							
003		Uninterrupted Power Supply (UPS)	EA	3			
003A		A/C Power Input Cables	EA	3			
003B		D/C Power Input Cables	EA	3			
004		Power Distribution Unit (PDU)	EA	3			
004A		UPS Power Connection Cable	EA	3			

## **ATTACHMENT 2 TO PART 3 OF THE - BID SOLICITATION**

### **ELECTRONIC PAYMENT INSTRUMENTS**

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

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