

**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Bids must be submitted by email only to the following email address:

Email:  
[lucas.baxter@forces.gc.ca](mailto:lucas.baxter@forces.gc.ca)

**W8485-248119/A**

**Proposal To: National Defence Canada**  
We hereby offer to sell to His Majesty the King 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 le Roi du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens et services énumérés ici et sur toute feuille ci-annexée, au(x)prix indique(s).

**COMMENTS - COMMENTAIRES**

<b>Title/Titre:</b> Power Conversion and Distribution Kits											
<b>Solicitation No – N° de l'invitation</b> W8485-248119/A	<b>Date</b> 2024-06-21										
<b>Solicitation Closes - L'invitation prend fin</b> at - à 14 :00hrs on - le 2024-Aug-01	<b>Time Zone</b> Fuseau horaire EDT										
<b>Address Enquiries to – Adresser toutes questions à :</b> <table border="0"> <tr> <td><b>Department of National Defence</b></td> <td><b>Ministere de la Defense Nationale</b></td> </tr> <tr> <td><b>National Defence Headquarters</b></td> <td><b>Quartier-General de la Defense Nationale</b></td> </tr> <tr> <td><b>MGen George R Pearkes Bldg</b></td> <td><b>Edifice Mgen George R Pearkes</b></td> </tr> <tr> <td><b>101 Colonel By Drive</b></td> <td><b>101 Promenade du Colonel By</b></td> </tr> <tr> <td><b>Ottawa, ON K1A 0K2</b></td> <td><b>Ottawa, ON K1A 0K2</b></td> </tr> </table>		<b>Department of National Defence</b>	<b>Ministere de la Defense Nationale</b>	<b>National Defence Headquarters</b>	<b>Quartier-General de la Defense Nationale</b>	<b>MGen George R Pearkes Bldg</b>	<b>Edifice Mgen George R Pearkes</b>	<b>101 Colonel By Drive</b>	<b>101 Promenade du Colonel By</b>	<b>Ottawa, ON K1A 0K2</b>	<b>Ottawa, ON K1A 0K2</b>
<b>Department of National Defence</b>	<b>Ministere de la Defense Nationale</b>										
<b>National Defence Headquarters</b>	<b>Quartier-General de la Defense Nationale</b>										
<b>MGen George R Pearkes Bldg</b>	<b>Edifice Mgen George R Pearkes</b>										
<b>101 Colonel By Drive</b>	<b>101 Promenade du Colonel By</b>										
<b>Ottawa, ON K1A 0K2</b>	<b>Ottawa, ON K1A 0K2</b>										
<b>Name : Lucas Baxter</b> <b>Attn: DAP 4-4-2</b> <a href="mailto:lucas.baxter@forces.gc.ca">lucas.baxter@forces.gc.ca</a>											
<b>Destination of Goods and Services – Destination des biens et services :</b>  <b>ATTN : CC130J WSM Det Trenton</b> <b>Building 52, Hangar 10, 52 North Star Drive</b> <b>Trenton, Ontario K8V 5P8</b>											
<b>Instructions / Instructions:</b> 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.  <b>Instructions:</b> Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.											
<b>Vendor/Firm Name and Address - Raison sociale et adresse du fournisseur/de l'entrepreneur</b>   <b>Telephone No. - no de téléphone:</b> _____											
<b>Procurement Business Number (PBN) - Numéro d'entreprise d'approvisionnement (NEA) :</b> _____											
<b>Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) - Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur caractère d'imprimerie)</b>  Name/Nom _____  Title/Titre _____  Signature _____ Date _____											

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## **PART 1 - GENERAL INFORMATION**

### **1.1 Security Requirements**

There are no security requirements associated with this bid solicitation.

Unscreened personnel will be escorted.

### **1.2 Statement of Requirement**

The requirement is detailed under "Statement of Requirement" at **Annex "A"**.

### **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 \(2023-06-08\)](#) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

And modify 2003 as follow:

- a) Section 02, Procurement Business Number is deleted in its entirety.
- b) Section 08, Delete sub-section 2
- c) Section 20, Delete sub-section 2.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days

Insert: 90 days

#### **2.1.1 SACC Manual Clauses**

B1000T (2014-06-26) Condition of Material-Bid

### **2.2 Submission of Bids**

a. Unless specified otherwise in the RFP or otherwise directed by the Contracting Authority, bids must be submitted to the Department of National Defence organization by electronic mail by the date and time indicated on page 1 of the solicitation.

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

### 2.3 Enquiries - Bid Solicitation

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.

### 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**

- Bidder must submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions.

Canada requests that the Bidder submits its bid in separately bound sections as follows:

Section I: Technical Bid  
Section II: Financial Bid  
Section III: Certifications

- Prices must appear in the financial bid only. No prices must be indicated in any other section of the 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 in accordance with the Basis of Payment in the Annex B.

##### **3.1.1 Electronic Payment of Invoices – Bid**

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete **Annex “C”** Electronic Payment Instruments, to identify which ones are accepted.

If Annex “C” 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](#) (2013-11-16), Exchange Rate Fluctuation

#### **Section III: Certification**

Bidders must submit the certifications and any 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 technical, 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**

Criteria Description	Met	Not Met
Capable to convert aircraft power to clean "household" power (115V/60Hz/single phase/15 amps)		
Achieved flight authority/flight clearance applicable to C-130J aircraft		
Meet and/or demonstrated compliance to applicable MIL-STD-810 Environmental Standards and MIL-STD-461 EMI Standards		
Structurally capable of being fastened to the CC130J cargo floor		
Have six (6) or more Type B, NEMA 5-15R spark elimination power outlets, and include integrated, independent circuit breakers		
Include a minimum 20 feet detachable, type SO (Service cord, oil-resistant outside jacket), flexible input cable with MS (military standard) connector to connect to the aircraft's 4 pin interface receptacle (Part Number MS3452W22-22S).		
Be RORO/portable. If the basic system weighs more than 60 pounds, then wheeled options are to be included.		
Supply User Manual		
Supply Maintenance/Troubleshooting Manual		

**4.1.2 Financial Evaluation**

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

**4.2 Basis of Selection**

[A0031T](#), (2010-08-16) - Basis of Selection - Mandatory Technical Criteria

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## **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.

#### **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](#) website.

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.



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## 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

#### 6.1.1 There is no security requirement applicable to the Contract.

Unscreened personnel will be escorted.

### 6.2 Statement of Requirement

The Contractor must provide the items detailed under the "Statement of Requirement" at Annex "A".

### 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](#) (2022-12-01), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract with the following modifications:

"Canada", "Crown", "His Majesty" or "the Government" means His Majesty the King 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 Period of the Contract

The period of the Contract is from date of Contract award until, with the ability to exercise options 1, 2, 3 and 4, 31 March 2029.

#### 6.4.2 Delivery Date

All the deliverables must be received on or before \_\_\_\_\_ (*insert the date*). If Canada chooses to exercise option(s) 1,2,3 and/or 4, the deliverables must be received on or before \_\_\_\_\_ (*insert the date*).

#### 6.4.3 Optional Goods and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods described at \_\_\_\_\_ 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.

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#### 6.4.4 Shipping Instructions – Free on Board Destination and Delivery Duty Paid

Goods must be consigned and delivered to the destination specified in the contract:

FOB Destination including all delivery charges and customs duties and Applicable Taxes:

CC130J WSM Det Trenton  
Building 52, Hangar 10  
52 North Star Drive  
Trenton, Ontario K8V 5P8

#### 6.4.5 Quality Assurance

D5540C (2021-05-20) ISO 9001:2015 – Quality Management Systems – Requirements  
(Quality Assurance Code Q)

D5510C (2023-06-08) - Quality Assurance Authority (DND) - Canadian-based Contractor

D5515C (2010-01-11) - Quality Assurance Authority (DND) - Foreign-based and United States Contractor

D5604C (2008-12-12) - Release Documents (DND) - Foreign-based Contractor

D5605C (2021-05-20) - Release Documents (DND) - United States-based Contractor

D5606C (2017-11-28) - Release Documents (DND) - Canadian-based Contractor

D5620C (2012-07-16) - Release Documents – Distribution

#### 6.4.6 Warranty

The contractor must provide at least 1-year warranty on all deliverables from the date of delivery.

### 6.5 Authorities

#### 6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Lucas Baxter  
Title: DAP 4-4-2  
DGAEPM/DAP/DAP 4  
Directorate: Directorate of Aerospace Procurement  
Address: 101 Colonel By Drive  
Ottawa, ON  
K1A 0K2  
E-mail address: [lucas.baxter@forces.gc.ca](mailto:lucas.baxter@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

The Technical Authority for the Contract is: *(To be inserted at contract award)*

Name:  
Title:  
Address:  
E-mail:

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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** (NOTE TO BIDDER: must be filled out and submitted by the Vendor with their bid)

The person responsible for:

**General Inquiries:**

Name: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

**Delivery follow-up:**

Name: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

**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 price as specified in the contract for a cost of \$ \_\_\_\_\_ (insert the amount at contract award). 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**

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.

**6.6.3 Terms of Payment**

Canada will pay the Contractor upon completion and delivery of the Work in accordance with the payment provisions of the Contract if:

- a. An accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. All such documents have been verified by Canada;
- c. The Work delivered has been accepted by Canada.

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#### 6.6.4 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);
- b. Electronic Data Interchange (EDI);
- c. Wire Transfer (International Only);

#### 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. The original must be forwarded to the following email address for certification and payment:  
[lucas.baxter@forces.gc.ca](mailto:lucas.baxter@forces.gc.ca)

#### 6.8 Certifications and Additional Information

##### 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](#) 2022-12-01
- (c) Annex A, Statement of Requirement;
- (d) 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**

A9006C 2012-07-16 Defence Contract

## **6.12 SACC Manual Clauses**

B7500C (2006-06-16) Excess Goods  
C2000C (2007-11-30) Taxes - Foreign-based Contractor  
C2611C (2007-11-30) Customs Duties – Contractor Importer  
C2800C (2013-01-28) Priority Rating  
D2000C (2007-11-30) Marking  
D2001C (2007-11-30) Labelling  
D0050C (2007-05-25) End User Certificate  
D2025C (2017-08-17) Wood Packaging Materials  
D6010C (2007-11-30) Palletization  
D9002C (2007-11-30) Incomplete Assemblies  
G1005C (2016-01-28) Insurance – No Specific Requirement  
D3016C (2014-09-25) Preparation for Delivery – Canadian Forces Packaging Specifications, f. D-LM-008-035/SF-001, Electrostatic Discharge Protective Packaging - Electronic Parts, Assemblies and Equipment

## **6.13 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".

## **6.14 Condition of Material Contract**

The Contractor must provide material that is new production of current manufacture supplied by the principal manufacturer or its accredited agent. The material must conform to the latest issue of the applicable drawing, specification and part number, as applicable, that was in effect on the bid closing date.

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## ANNEX "A" STATEMENT OF WORK

### 1.0 SCOPE

#### 1.1 Purpose.

- 1.1.1 To supply and deliver five (5) federated Roll-On/Roll-Off (RORO)/ portable Aircraft Power Conversion and Distribution Kits (PCDK), including priced options for an additional five (5) PCDK, to support Royal Canadian Air Force (RCAF) CC-130J aircraft mission requirements.

#### 1.2 Background

- 1.2.1 The CC130J is known as the Workhorse of the RCAF, steadily performing operations both nationally and internationally. It is tasked to perform a vast array of mission types including Tactical airlift, Search and Rescue, support to other governmental organisations, and medical support to name a few. With this variety of user demands, Canada requires the ability to convert CC130J aircraft power to "household" power during flight activities to support user operation of auxiliary electronic devices and accessories in the aircraft's cargo area.

#### 1.3 Intended Use

- 1.3.1 The PCDK are required to convert CC130J aircraft power to 115V/60Hz/single phase power for employment of auxiliary electronic equipment in the CC130J cargo compartment, such as small refrigerators, medical devices, computer equipment, portable personal electronic devices, etc., to facilitate the aircraft's various mission requirements.

#### 1.4 List of Acronyms and Abbreviations

Abbreviation	Description
RCAF	Royal Canadian Air Force
CFB	Canadian Forces Base
DND	Department of National Defence
PCDK	Power Conversion and Distribution Kit
RORO	Roll-On/Roll-Off

Figure A-1 List of Acronyms and Abbreviations

**2.0 APPLICABLE DOCUMENTS**

**2.1 References**

2.1.1 The following references are provided with the Request for Proposal. Where mentioned, the following Standards must be used for the preparation of deliverables to the extent specified in this SOW:

REFERENCE	PROMULGATION	REFERENCE TITLE
MIL-STD-810	VERSION H, 01-2019	ENVIRONMENTAL CONSIDERATIONS AND ENGINEERING LABORATORY TESTS
MIL-STD-461	VERSION G, 12-2015	REQUIREMENTS FOR THE CONTROL OF ELECTROMAGNETIC INTERFERENCE CHARACTERISTICS OF SUBSYSTEMS AND EQUIPMENT

**3.0 GENERAL REQUIREMENTS**

**3.1 Scope of Requirements**

- 3.1.1 The Contractor must supply PCDK that meet all the requirements specified within this SOW.
- 3.1.2 The Contractor must supply the following equipment: five (5) CC130J PCDK to convert aircraft power to clean “household” power (115V/60Hz/single phase/15 amps); plus, costed options for five (5) additional PCDK kits.
- 3.1.3 The Contractor must provide proof that the PCDK has achieved flight authority/flight clearance applicable to C-130J aircraft.
- 3.1.4 The PCDK shall be qualified and/or demonstrated compliance to applicable MIL-STD-810 Environmental Standards and MIL-STD-461 EMI Standards.
- 3.1.5 The PCDK must be structurally capable of being fastened to the CC130J cargo floor.
- 3.1.6 Each PCDK shall consist of the following:
  - 3.1.6.1 A power converter unit, with six (6) or more Type B, NEMA 5-15R spark elimination power outlets, and include integrated, independent circuit breakers; and
  - 3.1.6.2 A minimum 20 feet detachable, type SO (Service cord, oil-resistant outside jacket), flexible input cable with MS (military standard) connector to connect to the aircraft’s 4 pin interface receptacle (Part Number MS3452W22-22S).

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- 3.1.7 The PCDK shall be RORO/portable. If the basic system weighs more than 60 pounds, then wheeled options are to be included.
  - 3.1.8 The contractor must provide costed options for individual protective casing for the PCDK.
  - 3.1.9 Power & Electrical (PWR) Requirements.
    - 3.1.9.1 The PCDK shall convert CC130J aircraft power (115/200VAC, 400Hz, 3 Phase) to 115VAC, 60Hz, 1 Phase.
    - 3.1.9.2 The PCDK shall plug directly into the available aircraft 4-pin power outlet located on the cargo department.
  - 3.1.10 The contractor must supply an electronic user manual for the PCDK.
  - 3.1.11 The contractor must supply an electronic maintenance manual, including a troubleshooting guide as a minimum, for the PCDK.
  - 3.1.12 The contractor should supply a costed option of recommended initial spare parts to sustain 5 (five) PCDK for a 2-year period.
  - 3.1.13 Costed option for an In-Service Support for a 4-year period at Canada's discretion based on hourly rates for Additional Work Requests (as defined in section 5) that may be required to sustain the capability.
  - 3.1.14 Material Marking: Each aircraft power converter should be labeled with barcoding that conforms to NATO standards.
  - 3.1.15 The contractor must provide at least 1-year warranty on all deliverables from the date of delivery.
  - 3.1.16 The Contractor must provide the following airworthiness documentation, for each unit of issue, within the interior packaging or attached to the good(s) supplied: packing slip and documentation of achieved flight authority/clearance applicable to the C-130J.

## **3.2 Tasks**

- 3.2.1 The Contractor must deliver and provide:
  - a) Equipment and priced options identified in Section 6.0 – Deliverables; and
  - b) Priced options for in-service support as measured by Additional Work Request (AWR) (as defined in section 5) hourly rate as defined herein.
- 3.2.2 Notwithstanding any specialized on-site visits identified in Section 3.1.13, the Contractor must perform the work at the Contractor's facility.
- 3.2.3 The Contractor must deliver all goods to the Technical Authority:  
Captain Upsana Choudhuri  
Hangar 10, (Bldg 52)  
52 Northstar Drive  
Trenton Ontario  
K8V 5P8  
613-242-0784 (Cell)  
613-392-2811 Ext 7127



#### 4.0 ACCEPTANCE PROCESS AND CRITERIA

##### 4.1 General

4.1.1 Acceptance ensures that each PCDK has been produced and verified in accordance with all the requirements of the Contract.

##### 4.2 Acceptance Inspection

4.2.1 The Contractor must provide Canada with not less than 45 calendar days' notification of the date upon which each PCDK will be available for inspection and acceptance.

4.2.2 The Contractor must prepare the release document in accordance with article 6.4.5 Quality Assurance of the Contract for each PCDK, stating that the Work is in accordance with Annex A and all its appendices.

4.2.3 On completion of Canada's inspection, Canada will either:

4.2.3.1 Accept the PCDK by completing and signing the release document in accordance with Article 6.4.5 Quality Assurance of the Contract; or

4.2.3.2 Refuse to accept the PCDK by providing the Contractor with a notice of refusal, which will specify the grounds for refusal.

4.2.4 If Canada gives the Contractor a notice of refusal, the Contractor must take corrective action as soon as possible, at no cost to Canada, to remove the grounds for the refusal. Canada will conduct re-inspection as is necessary to ensure that the grounds for refusal are removed.

#### 5.0 ADDITIONAL WORK REQUEST (AWR) AUTHORIZATIONS

5.1 AWRs are defined as unforeseen requests for goods and services not specifically identified in the SOW. The contractor shall provide support for AWRs on an "as and when required" basis. AWRs will be authorized by the Contracting Authority and priced individually in accordance with the terms of the contract. Examples of AWRs include the following:

- a) **Remote technical support:** Contractor must provide a phone number for technical support that can be reached between Monday to Friday 9:00-15:00 eastern standard time. If any specialized on-site visits are required at 8 Wing Trenton, they shall be considered as AWRs.
- b) **Repair and Overhaul:** Repairable parts will be shipped to the Contractor's facility and the contractor will provide Rough Order of Magnitude (ROM) cost upon receiving the parts.

## 6.0 DELIVERABLES

### Initial contract:

Item	Description	Qty	U. of I	Delivery Date	Destination
1	PCDK (includes Power Converter and aircraft connection cable)	5	EA	Before March 2025	Hangar 10 (Bldg 52) 52 Northstar Drive, Trenton, Ontario K8V 5P8
2	User Manual	5	EA	Before March 2025	Contact TA
3	Maintenance/Troubleshooting Manual	5	EA	Before March 2025	Contact TA

### Option year 1:

Item	Description	Qty	U. of I	Delivery Date	Destination
1	Hourly rates for additional work requests (2025/2026)	1	EA	Before March 2026	Contact TA
2	Protective case	5	EA	Before March 2025	Hangar 10 (Bldg 52) 52 Northstar Drive, Trenton, Ontario K8V 5P8
3	Recommended initial spare parts.	1	EA	Before March 2025	Contact TA

**Option year 2:**

Item	Description	Qty	U. of I	Delivery Date	Destination
1	PCDK (includes Power Converter and aircraft connection cable)	5	EA	Before March 2026	Hangar 10 (Bldg 52) 52 Northstar Drive, Trenton, Ontario K8V 5P8
2	Protective case	5	EA	Before March 2026	Hangar 10 (Bldg 52) 52 Northstar Drive, Trenton, Ontario K8V 5P8
3	Hourly rates for additional work requests (2026/2027).	1	EA	Before March 2027	Contact TA

**Option year 3:**

Item	Description	Qty	U. of I	Delivery Date	Destination
1	Hourly rates for additional work requests (2027/2028)	1	EA	Before March 2028	Contact TA

**Option year 4:**

Item	Description	Qty	U. of I	Delivery Date	Destination
1	Hourly rates for additional work requests (2028/2029)	1	EA	Before March 2029	Contact TA

**ANNEX "B" – BASIS OF PAYMENT**

The Contractor must provide the following items:

**Initial contract:**

Item	Description	Qty	U. of I	Delivery Date	Destination	Unit Price & Currency	Total Item Cost
1	PCDK (includes Power Converter and aircraft connection cable)	5	EA	(to be inserted by vendor)	Hangar 10 (Bldg 52) 52 Northstar Drive, Trenton, Ontario K8V 5P8	(to be inserted by vendor)	(to be inserted by vendor)
2	User Manual	5	EA	(to be inserted by vendor)	Contact TA	N/A	N/A (free of charge)
3	Maintenance/Troubleshooting Manual	5	EA	(to be inserted by vendor)	Contact TA	N/A	N/A (free of charge)
<b>SUB-TOTAL:</b> (MUST BE FOB DESTINATION; DELIVERY DUTY PAID; AND TRANSPORTATION COSTS INCLUDED)				\$ _____			
<b>APPLICABLE TAXES:</b>		<b>Insert amount as:</b>		<b>Ontario: GST (13%):</b> \$ _____			
<b>TOTAL:</b>				\$ _____			

**Option year 1:**

Item	Description	Qty	U. of I	Delivery Date	Destination	Unit Price & Currency	Total Item Cost
1	Hourly rates for additional work requests (2025/2026)	1	EA	Before March 2026	Contact TA	(to be inserted by vendor)	N/A
2	Protective case	5	EA	(to be inserted by vendor)	Hangar 10 (Bldg 52) 52 Northstar Drive, Trenton, Ontario K8V 5P8	(to be inserted by vendor)	(to be inserted by vendor)
3	Recommended initial spare parts.	1	EA	(to be inserted by vendor)	Contact TA	(to be inserted by vendor)	(to be inserted by vendor)
<b>SUB-TOTAL:</b> (MUST BE FOB DESTINATION; DELIVERY DUTY PAID; AND TRANSPORTATION COSTS INCLUDED)				\$ _____			
<b>APPLICABLE TAXES:</b>		<b>Insert amount as:</b>		<b>Ontario: GST (13%):</b> \$ _____			
<b>TOTAL:</b>				\$ _____			

**Option year 2:**

Item	Description	Qty	U. of I	Delivery Date	Destination	Unit Price & Currency	Total Item Cost
1	PCDK (includes Power Converter and aircraft connection cable)	5	EA	(to be inserted by vendor)	Hangar 10 (Bldg 52) 52 Northstar Drive, Trenton, Ontario K8V 5P8	(to be inserted by vendor)	(to be inserted by vendor)
2	Protective case	5	EA	(to be inserted by vendor)	Hangar 10 (Bldg 52) 52 Northstar Drive, Trenton, Ontario K8V 5P8	(to be inserted by vendor)	(to be inserted by vendor)
3	Hourly rates for additional work requests (2026/2027).	1	EA	Before March 2027	Contact TA	(to be inserted by vendor)	N/A
<b>SUB-TOTAL:</b> (MUST BE FOB DESTINATION; DELIVERY DUTY PAID; AND TRANSPORTATION COSTS INCLUDED)				\$ _____			
<b>APPLICABLE TAXES:</b>		<b>Insert amount as:</b>		<b>Ontario: GST (13%): \$ _____</b>			
<b>TOTAL:</b>				\$ _____			

**Option year 3:**

Item	Description	Qty	U. of I	Delivery Date	Destination	Unit Price & Currency	Total Item Cost
1	Hourly rates for additional work requests (2027/2028)	1	EA	Before March 2028	Contact TA	(to be inserted by vendor)	N/A

**Option year 4:**

Item	Description	Qty	U. of I	Delivery Date	Destination	Unit Price & Currency	Total Item Cost
1	Hourly rates for additional work requests (2028/2029)	1	EA	Before March 2029	Contact TA	(to be inserted by vendor)	N/A

## **ANNEX “C” 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);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);