

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

## Bid Receiving - PWGSC / Réception des soumissions - TPSGC

**11 Laurier St. / 11, rue Laurier**  
**Place du Portage, Phase III**  
**Core 0B2 / Noyau 0B2**  
**Gatineau, Québec K1A 0S5**  
**Bid Fax: (819) 997-9776**

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

## National Individual Standing Offer (NISO)

Offre à commandes individuelle nationale (OCIN)

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

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

## Comments - Commentaires

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du**  
**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
Electrical & Electronics Products Division  
L'Esplanade Laurier  
East Tower, 4th floor,  
Ottawa  
Ontario  
K1A 0S5

<b>Title - Sujet</b> Power Distribution Systems Équipement de distribution d'énergie	
<b>Solicitation No. - N° de l'invitation</b> W6399-22LG70/A	<b>Date</b> 2021-12-02
<b>Client Reference No. - N° de référence du client</b> 45399	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$\$HN-336-80682
<b>File No. - N° de dossier</b> hn336.W6399-22LG70	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> Eastern Standard Time EST <b>on - le 2022-01-12</b> Heure Normale du l'Est HNE	
<b>Delivery Required - Livraison exigée</b> See Herein – Voir ci-inclus	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Bisson(hn336), Phillippe	<b>Buyer Id - Id de l'acheteur</b> hn336
<b>Telephone No. - N° de téléphone</b> (613)295-8641 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  <div style="text-align: center;">Specified Herein Précisé dans les présentes</div>	
<b>Security - Sécurité</b> This request for a Standing Offer does not include provisions for security. Cette Demande d'offre à commandes ne comprend pas des dispositions en matière de sécurité.	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Vendor/Firm Name and Address</b>	
<b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b>	
<b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm (type or print)</b>	
<b>Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

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## **PART 1 - GENERAL INFORMATION**

### **1.1 Introduction**

The Request for Standing Offers (RFSO) is divided into seven parts plus attachments and annexes, as follows:

- |        |   |
|--------|---|
| Part 1 | General Information: provides a general description of the requirement;   |
| Part 2 | Offeror Instructions: provides the instructions applicable to the clauses and conditions of the RFSO;   |
| Part 3 | Offer Preparation Instructions: provides offerors with instructions on how to prepare their offer to address the evaluation criteria specified;   |
| Part 4 | Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the offer, and the basis of selection; |
| Part 5 | Certifications and Additional Information: includes the certifications and additional information to be provided;   |
| Part 6 | Security, Financial and Insurance Requirements: includes specific requirements that must be addressed by offerors; and  |
| Part 7 | 7A, Standing Offer, and 7B, Resulting Contract Clauses:   |
- 7A, includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions;
  - 7B, includes the clauses and conditions which will apply to any contract resulting from a call-up made pursuant to the Standing Offer.

The Annexes include:

- 1) Annex A - Statement of Requirement
- 2) Annex B - Technical Specifications
- 3) Annex C - Evaluation Plan
- 4) Annex D - Basis of Payment
- 5) Annex E – Standing Offer Usage Reporting Template; and any other annexes

### **1.2 Summary**

**1.2.1** This requirement is for the establishment of a National Individual Standing Offer (NISO) for the supply of Power Distribution Equipment, Goods and Services Identification Number (GSIN) N6110 – Electrical Control Equipment, on behalf of the Department of National Defence (DND).

The NISO will be for an initial period of three (3) years with the option to extend by two (2) additional periods of one (1) year.

The NISO will be for delivery to multiple locations in Ontario (Petawawa, Astra and Ashton, ON).

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

### **1.3 Debriefings**

Offerors may request a debriefing on the results of the request for standing offers process. Offerors should make the request to the Standing Offer Authority within 15 working days of receipt of the results of the request for standing offers process. The debriefing may be in writing, by telephone or in person.

### **1.4 Anticipated migration to an e-Procurement Solution (EPS)**

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

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

## PART 2 - OFFEROR INSTRUCTIONS

### 2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the Request for Standing Offers (RFSO) by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Offerors who submit an offer agree to be bound by the instructions, clauses and conditions of the RFSO and accept the clauses and conditions of the Standing Offer and resulting contract(s).

The [2006](#) (2020-05-28) Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the RFSO.

Subsection 5.4 of [2006](#), Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days

Insert: 90 days

#### 2.1.1 SACC Manual Clauses

Reference	Section	Date
<a href="#">B1000T</a>	Condition of Material	2014-06-26

### 2.2 Submission of Offers

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

PWGSC Bids Receiving Unit  
11 Laurier Street, Place du Portage, Phase 3, Core 0B2,  
Gatineau, Québec, K1A 0S5  
Tel.: 819-420-7201 Fax: 819-997-9776  
[tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca](mailto:tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca)

**Note:** Offers will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instruction [2006](#), or to send offers through an epost Connect message if the bidder is using its own licensing agreement for epost Connect."

### **2.3 Enquiries - Request for Standing Offers**

All enquiries must be submitted in writing to the Standing Offer Authority no later than ten (10) calendar days before the Request for Standing Offers (RFSO) closing date. Enquiries received after that time may not be answered.

Offerors should reference as accurately as possible the numbered item of the RFSO to which the enquiry relates. Care should be taken by offerors to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that offerors do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all offerors. Enquiries not submitted in a form that can be distributed to all offerors may not be answered by Canada.

### **2.4 Applicable Laws**

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Offerors may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their offer, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the offerors.

### **2.5 Bid Challenge and Recourse Mechanisms**

- (a) Several mechanisms are available to potential offerors to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages offerors 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) Offerors should note that there are strict deadlines for filing complaints, and the time periods vary depending on the complaint body in question. Offerors should therefore act quickly when they want to challenge any aspect of the procurement process.

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## PART 3 - OFFER PREPARATION INSTRUCTIONS

### 3.1 Offer Preparation Instructions

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

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

- Section I: Technical Offer
  - Section II: Financial Offer
  - Section III: Certifications
  - Section IV: Additional Information
- If the Offeror chooses to submit its offer in hard copies, Canada requests that the Offeror provides its offer in separately bound sections as follows:
    - Section I: Technical Offer (2 hard copies)
    - Section II: Financial Offer (1 hard copy)
    - Section III: Certifications (1 hard copy)
    - Section IV: Additional Information (1 hard copy)
  - If the Offeror is simultaneously providing copies of its offer using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

Prices must appear in the financial offer only. No prices must be indicated in any other section of the offer. Canada requests that offerors follow the format instructions described below in the preparation of hard copy of their offer:

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, Offerors should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fiber certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

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## **Section I: Technical Offer**

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

### **3.1.1 Equivalent Products**

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

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

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

3. In conducting its evaluation of the offers, Canada may, but will have no obligation to, request offerors offering a substitute product to provide technical information demonstrating the equivalency (e.g. Drawing, specifications, engineering reports and/or test reports), or to demonstrate that the substitute product is equivalent to the item specified in the solicitation, at the sole cost of offerors, within seven (7) business days of the request. If the offerors fails to provide the requested information within the specified delay, Canada may declare the offerors non-responsive.

### **3.1.2 Equivalent Products - Samples (DND)**

If the offeror offers an equivalent product, Canada reserves the right to request a sample from the offeror in order to determine its equivalency in form, fit, function, quality and performance to the item specified in the solicitation.

The offeror must, upon request from the Standing Offer Authority, provide a sample to the Technical Authority, transportation charges prepaid, and without charge to Canada, within ten (10) calendar days from the date of request. The sample submitted by the offeror will remain the property of Canada and will not be considered as part of the deliverables in any resulting contract. If the sample does not meet the requirements of the solicitation or the offeror fails to comply with the request of the Standing Offer Authority, the offer will be declared non-responsive.

## **Section II: Financial Offer**

Offerors must submit their financial offer in accordance with Annex D - Basis of Payment.



### **3.1.3 Pricing - Multi-Item Bid Solicitation**

Bidders must quote a price for every item in the bid solicitation in order to be evaluated. Bidders may withdraw their entire bid after bid closing but prior to contract award by advising in writing the Contracting Authority.

### **3.1.4 Electronic Payment of Invoices - Offer**

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

- ☐ VISA Acquisition Card;
- ☐ MasterCard Acquisition Card;
- ☐ Direct Deposit (Domestic and International);
- ☐ Electronic Data Interchange (EDI);
- ☐ Wire Transfer (International Only);
- ☐ Large Value Transfer System (LVTS) (Over \$25M)

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

### **3.1.5 Exchange Rate Fluctuation Risk Mitigation**

1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form PWGSC-TPSGC 450, Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.
2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).
4. At time of bidding, the Bidder must complete columns (1) to (4) on form PWGSC-TPSGC 450, for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
5. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

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Buyer ID - Id de l'acheteur  
hn336  
CCC No./N° CCC - FMS No./N° VME

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**Section III: Certifications** Offerors must submit the certifications and additional information required under Part 5.

**Section IV: Additional Information**

**3.1.6 Delivery Offered**

While delivery is requested as indicated above, the best delivery that could be offered is \_\_\_\_\_.

**3.1.7 Contractor Representatives**

Name and telephone number of the person responsible for:

**General enquiries**

Name: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail: \_\_\_\_\_

**Delivery follow-up**

Name: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail: \_\_\_\_\_

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## **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **4.1 Evaluation Procedures**

- (a) Offers will be assessed in accordance with the entire requirement of the Request for Standing Offers including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the offers.

#### **4.1.1 Technical Evaluation**

##### **4.1.1.1 Mandatory Technical Criteria**

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

- Technical compliance (description of at Annex B – Technical Specifications)
- Bids must be submitted for all destinations per NSN.

#### **4.1.2 Financial Evaluation**

The following Mandatory factors will be taken into consideration in the evaluation of each offer: \* Compliance with Pricing Basis;

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

- a. Sum of all items total price (unit price x YEAR 1 qty in Annex A.);

#### **4.1.3 Pricing Basis**

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

### **4.2 Basis of Selection**

An offer must comply with the requirements of the Request For Standing Offer (RFSO) and meet all mandatory technical evaluation criteria to be declared responsive. The responsive offer with the lowest evaluated price on an aggregate basis will be recommended for the issuance of a standing offer.

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## PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

The certifications provided by offerors to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare an offer non-responsive, will have the right to set-aside a standing offer, or will declare a contractor in default if any certification made by the Offeror is found to be untrue whether made knowingly or unknowingly during the offer evaluation period, during the Standing Offer period, or during the contract period.

The Standing Offer Authority will have the right to ask for additional information to verify the Offeror's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Standing Offer Authority will render the offer non-responsive, result in the setting aside of the Standing Offer or constitute a default under the Contract.

### 5.1 Certifications Required with the Offer

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

#### 5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

### 5.2 Certifications Precedent to the Issuance of a Standing Offer and Additional Information

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

#### 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 Offeror 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 - Standing Offer Certification

By submitting an offer, the Offeror certifies that the Offeror, and any of the Offeror's members if the Offeror is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list ) available at the bottom of the page of the [Employment and Social Development Canada-Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#s4) website (https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#s4).

Canada will have the right to declare an offer non-responsive, or to set-aside a Standing Offer, if the Offeror, or any member of the Offeror if the Offeror is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of issuing of a Standing Offer or during the period of the Standing Offer.

### 5.2.3 General Environmental Criteria Certification

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

- a) The offeror certifies that the offeror is registered or meets ISO 14001.

\_\_\_\_\_  
Offeror's Authorized Representative Signature

\_\_\_\_\_  
Date

**OR**

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

Green Practices within the offeror's organization	Insert a checkmark for each criterion that is met
Promotes a paperless environment through directives, procedures and/or programs	
All documents are printed double sided and in black and white for day to day business activity unless otherwise specified by your client	
Paper used for day to day business activity has a minimum of 30% recycled content and has a sustainable forestry management certification	
Utilizes environmentally preferable inks and purchase remanufactured ink cartridges or ink cartridges that can be returned to the manufacturer for reuse and recycling for day to day business activity.	

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hn336  
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Recycling bins for paper, newsprint, plastic and aluminum containers available and emptied regularly in accordance with local recycling program.	
A minimum of 50% of office equipment has an energy efficient certification.	

\_\_\_\_\_  
Offeror's Authorized Representative Signature

\_\_\_\_\_  
Date

## **PART 6 - STANDING OFFER AND RESULTING CONTRACT CLAUSES**

### **A. STANDING OFFER**

#### **6.1 Offer**

The Offeror offers to fulfill the requirement in accordance with the Requirement at Annex A and B.

#### **6.2 Security Requirements**

There is no security requirement applicable to the Standing Offer.

#### **6.3 Standard Clauses and Conditions**

All clauses and conditions identified in the Standing Offer and resulting contract(s) by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

##### **6.3.1 General Conditions**

2005 (2017-06-21) General Conditions - Standing Offers - Goods or Services, apply to and form part of the Standing Offer.

##### **6.3.2 Standing Offers Reporting**

The Offeror must compile and maintain records on its provision of goods, services or both to the federal government under contracts resulting from the Standing Offer. This data must include all purchases, including those paid for by a Government of Canada Acquisition Card.

The Offeror must provide this data in accordance with the reporting requirements detailed in Annex "E". If some data is not available, the reason must be indicated. If no goods or services are provided during a given period, the Offeror must still provide a "nil" report.

The data must be submitted on a quarterly basis to the Standing Offer Authority.

The quarterly reporting periods are defined as follows:

- 1) 1st quarter: April 1 to June 30;
- 2) 2nd quarter: July 1 to September 30;
- 3) 3rd quarter: October 1 to December 31;
- 4) 4th quarter: January 1 to March 31.

The data must be submitted to the Standing Offer Authority no later than fifteen (15) calendar days after the end of the reporting period

#### **6.4 Term of Standing Offer**

##### **6.4.1 Period of the Standing Offer**

The period for making call-ups against the Standing Offer is from \_\_\_\_\_ to \_\_\_\_\_. (**TO BE ENTERED AT SO AWARD, 3 years**)

#### **6.4.2 Extension of Standing Offer**

If the Standing Offer is authorized for use beyond the initial period, the Offeror offers to extend its offer for an additional two (2) one (1) year periods, from \_\_\_\_\_ to \_\_\_\_\_ under the same conditions and at the rates or prices specified in the Standing Offer, or at the rates or prices calculated in accordance with the formula specified in the Standing Offer.

The Offeror will be advised of the decision to authorize the use of the Standing Offer for an extended period by the Standing Offer Authority thirty (30) days before the expiry date of the Standing Offer. A revision to the Standing Offer will be issued by the Standing Offer Authority.

#### **6.4.3 Delivery Points**

Delivery of the requirement will be made to delivery point(s) specified at Annex "A section 2.1" of the Standing Offer.

### **6.5 Authorities**

#### **6.5.1 Standing Offer Authority**

The Standing Offer Authority is:

##### **Phillipe Bisson – Supply Specialist**

Public Works and Government Services Canada - Acquisitions Branch  
Industrial Products and Vehicles Procurement Directorate - "HN" Division  
4th Floor East Tower, L'Esplanade Laurier Bldg,  
140 O'Connor St. Ottawa ON K1A 0R5

Telephone: 613-295-8641 E-mail address: [Phillipe.bisson@pwgsc-tpsgc.gc.ca](mailto:Phillipe.bisson@pwgsc-tpsgc.gc.ca)

The Standing Offer Authority is responsible for the establishment of the Standing Offer, its administration and its revision, if applicable. Upon the making of a call-up, as Contracting Authority, he is responsible for any contractual issues relating to individual call-ups made against the Standing Offer by any Identified User.

#### **6.5.2 Project Authority (TO BE ENTERED AT SO AWARD)**

The Project Authority for the Standing Offer is:

Name: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail: \_\_\_\_\_

The Project Authority is the representative of the department or agency for whom the Work will be carried out pursuant to a call-up under the Standing Offer and is responsible for all the technical content of the Work under the resulting Contract.



### 6.5.3 Offeror's Representative (TO BE ENTERED AT SO AWARD)

Name and telephone number of the person responsible for:

#### General enquiries

Name: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail: \_\_\_\_\_

#### Delivery follow-up

Name: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail: \_\_\_\_\_

### 6.6 Identified Users

The Identified User authorized to make call-ups against the Standing Offer is:

- CANSOFCOM group of the Department of National Defence (DND)

### 6.7 Call-up Procedures

To issue a Call-up against the Standing Offer, members of CANSOFCOM group of DND must contact the Standing Offer holder to obtain a quote. The user/users will then compare the quote to the pricing in the Standing Offer (SO). If the pricing from the quote matches the pricing in the SO, the User will then send a completed PWGSC-TPGSC 942 form to the Standing Offer holder.

### 6.8 Call-up Instrument

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

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

or

3. An equivalent form or electronic call-up document which contains at a minimum the following information:
  - standing offer number;
  - statement that incorporates the terms and conditions of the Standing Offer;
  - description and unit price for each line item;
  - total value of the call-up;

- point of delivery;
- confirmation that funds are available under section 32 of the Financial Administration Act;
- confirmation that the user is an Identified User under the Standing Offer with authority to enter into a contract.

## **6.9 Limitation of Call-ups**

Individual call-ups against the Standing Offer must not exceed \$400,000.00 (Applicable Taxes included).

## **6.10 Financial Limitation**

The total cost to Canada resulting from call-ups against the Standing Offer must not exceed the sum of \$1,000,000.00 (Goods and Services Tax or Harmonized Sales Tax excluded) unless otherwise authorized in writing by the Standing Offer Authority. The Offeror must not perform any work or services or supply any articles in response to call-ups which would cause the total cost to Canada to exceed the said sum, unless an increase is so authorized.

The Offeror must notify the Standing Offer Authority as to the adequacy of this sum when 75 percent of this amount has been committed, or three (3) months before the expiry date of the Standing Offer, whichever comes first. However, if at any time, the Offeror considers that the said sum may be exceeded, the Offeror must promptly notify the Standing Offer Authority.

## **6.11 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 call up against the Standing Offer, including any annexes;
- b. the articles of the Standing Offer;
- c. the general conditions 2005 (2017-06-21), General Conditions - Standing Offers - Goods or Services
- d. the general conditions 2010A (2020-05-28);
- e. Annex A, Statement of Requirement;
- f. Annex B, Technical Specifications;
- g. Annex C, Evaluation Plan;
- h. Annex D, Basis of Payment;
- i. Annex E, Standing Offer Usage Report Template;
- j. the Offeror's offer dated \_\_\_\_\_ as clarified on \_\_\_\_\_ as amended on \_\_\_\_\_.

## **6.12 Certifications and Additional Information**

### **6.12.1 Compliance**

Unless specified otherwise, the continuous compliance with the certifications provided by the Offeror with its offer or precedent to issuance of the Standing Offer (SO), and the ongoing cooperation in providing additional information are conditions of issuance of the SO and failure to comply will constitute the Offeror in default. Certifications are subject to verification by Canada during the entire period of the SO and of any resulting contract that would continue beyond the period of the SO.

### **6.13 Applicable Laws**

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in \_\_\_\_\_ (***insert the name of the province or territory as specified by the Offeror in its offer, if applicable***).

### **6.14 Transition to an e-Procurement Solution (EPS)**

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

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

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

## B. RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from a call-up against the Standing Offer.

### 6.1 Statement of Requirement

The Contractor must provide the items detailed in the call-up against the Standing Offer.

### 6.2 Standard Clauses and Conditions

#### 6.2.1 General Conditions

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

##### 2010A 32 Anti-forced labour requirements

1. The Contractor represents and warrants that the Work is not mined, manufactured or produced wholly or in part by forced labour. Regardless of who acts as an importer, the Contractor must not during the performance of the Contract, directly or indirectly, deliver Work to Canada or import Work into Canada the importation of which is prohibited pursuant to ss. 136(1) of the *Customs Tariff Act* and tariff item No. 9897.00.00 of the *Customs Tariff – Schedule* (as amended from time to time), because it is mined, manufactured or produced wholly or in part by forced labour.
2. If a tariff classification determination is made under the *Customs Act* that the importation of the Work, or any part of the Work, is prohibited, the Contractor must immediately inform the Contracting Authority in writing. Canada may terminate the Contract for default in accordance with section 2010A 23 - Default by the Contractor if the Work or any part of the Work is classified under tariff item no. 9897.00.00 of the *Customs Tariff – Schedule* as mined, manufactured or produced wholly or in part by forced labour. If the Contractor is aware that the Work, or any part of the Work, is being or has been investigated regarding whether it is prohibited from entry pursuant to tariff item No. 9897.00.00, the Contractor must immediately inform the Contracting Authority in writing of that investigation.
3. Canada may terminate the Contract for default in accordance with section 2010A 23 - Default by the Contractor if it has reasonable grounds to believe the Work was mined, manufactured or produced in whole or in part by forced labour or linked to human trafficking. Reasonable grounds for making such a determination may include:
  - a. Findings or Withhold Release Orders issued by the United States Customs and Border Protection, under the US *Trade Facilitation and Trade Enforcement Act* (TFTEA) of 2015; or

- 
- b. Credible evidence from a reliable source, including but not limited to non-governmental organizations.
4. Canada may terminate the Contract for default in accordance with section 2010A 23 - Default by the Contractor if the Contractor has, in the past three years, been convicted of any of the following offences under the Criminal Code or the Immigration and Refugee Protection Act:
- Criminal Code*
- i. section 279.01 (Trafficking in persons);
  - ii. section 279.011 (Trafficking of a person under the age of eighteen years);
  - iii. subsection 279.02(1) (Material benefit - trafficking);
  - iv. subsection 279.02(2) (Material benefit - trafficking of person under 18 years);
  - v. subsection 279.03(1) (Withholding or destroying documents - trafficking);
  - vi. subsection 279.03(2) (Withholding or destroying documents - trafficking of person under 18 years); or
- Immigration and Refugee Protection Act*
- vii. section 118 (Trafficking in persons).
5. Canada may terminate the Contract for default in accordance with section 2010A 23 - Default by the Contractor if the Contractor has, in the past three years, been convicted of an offence in a jurisdiction other than Canada that, in Canada's opinion, is similar to any of the offences identified in paragraphs 4(i) to (vii).
6. For purposes of determining whether a foreign offence is similar to a listed offence, PWGSC will take into account the following factors:
- i. in the case of a conviction, whether the court acted within its jurisdiction;
  - ii. whether the supplier was afforded the right to appear during the court's proceedings or to submit to the court's jurisdiction;
  - iii. whether the court's decision was obtained by fraud; or
  - iv. whether the supplier was entitled to present to the court every defence that the supplier would have been entitled to present had the proceeding been tried in Canada.

Where Canada intends to terminate the Contract under this section, Canada will inform the Contractor and provide the Contractor an opportunity to make written representations before making a final decision. Written representations must be submitted within 30 days from receiving a notice of concern unless Canada establishes a different deadline.

## 6.2.2 Supplemental General Conditions

### 4014: Suspension of the work

1. The Contracting Authority may at any time, by written notice, order the Contractor to suspend or stop the Work or part of the Work under the Contract for a period of up to 180 days. The Contractor must immediately comply with any such order in a way that minimizes the cost of doing so. While such an order is in effect, the Contractor must not remove any part of the Work from any premises without first obtaining the written consent of the Contracting Authority. Within these 180 days, the Contracting Authority must either cancel the order or terminate the Contract, in whole or in part, under section 23 - Default by the Contractor or section 24 - Termination for convenience of general conditions 2010A.
2. When an order is made under subsection 1, unless the Contracting Authority terminates the Contract by reason of default by the Contractor or the Contractor abandons the Contract, the Contractor will be entitled to be paid its additional costs incurred as a result of the suspension plus a fair and reasonable profit.
3. When an order made under subsection 1 is cancelled, the Contractor must resume work in accordance with the Contract as soon as practicable. If the suspension has affected the Contractor's ability to meet any delivery date under the Contract, the date for performing the part of the Work affected by the suspension will be extended for a period equal to the period of suspension plus a period, if any, that in the opinion of the Contracting Authority, following consultation with the Contractor, is necessary for the Contractor to resume the Work. Any equitable adjustments will be made as necessary to any affected conditions of the Contract.

## 6.2.3 SACC Manual Clauses

SACC Reference	Section	Date
<u>B1501C</u>	Electrical Equipment	2018-06-21
<u>B7500C</u>	Excess Goods	2006-06-16

## 6.3 Term of Contract

### 6.3.1 Delivery Date

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

## 6.3.2 SACC Manual Clauses

SACC Reference ID	Title	Date
<u>A9006C</u>	Defence Contract	2012-07-16

## 6.4 Payment

### 6.4.1 Basis of Payment

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

### 6.4.2 Limitation of Price

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

### 6.4.3 Multiple Payments

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

### 6.4.4 Electronic Payment of Invoices – Call-up

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);
- f. Large Value Transfer System (LVTS) (Over \$25M)

### 6.4.5 Exchange rate fluctuation adjustment

1. The foreign currency component (FCC) is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuation. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
2. For each line item where a FCC is identified, Canada assumes the risks and benefits for exchange rate fluctuation, as shown in the Basis of Payment. For such items, the exchange rate fluctuation amount is determined in accordance with the provision of this clause.

1. The total price paid by Canada on each invoice will be adjusted at the time of payment. The exchange rate adjustment amount will be calculated in accordance with the following formula:

$$\text{Exchange rate adjustment} = \text{FCC} \times \text{Qty} \times (i_1 - i_0) / i_0$$

where formula variables correspond to:

- **FCC:** Foreign currency component (per unit)
- **Qty:** quantity of units
- **i<sub>0</sub>:** Initial exchange rate (CAN\$ per unit of foreign currency [for example US\$1]).

The initial exchange rate is set as the Bank of Canada rate on the solicitation closing date. The Bank of Canada publishes its rates each business day by 16:30 Eastern Time.



- $i_1$ : Exchange rate for adjustments (ERA) (CAN\$ per unit of foreign currency [for example US\$1]). The Bank of Canada publishes its rates each business day by 16:30 Eastern Time.
  - a. The ERA for goods will be the Bank of Canada rate on the date the goods were delivered.
  - b. The ERA for services will be the Bank of Canada rate on the last business day of the month for which the services were performed.
  - c. The ERA for advance payments will be the Bank of Canada rate on the last business day prior to the payment. The last published business day rate will be used for non-business days.
- 2. The Contractor must indicate the total exchange rate adjustment amounts (whether they are upward, downward or present no change) as a separate item on each invoice or claim for payment submitted under the Contract. Where an adjustment applies, the Contractor must submit with their invoice form [PWGSC-TPSGC 450](#), Claim for Exchange Rate Adjustments.
- 5. The exchange rate adjustment will only impact the payment to be made by Canada where the exchange rate fluctuation is greater than 2% (increase or decrease), calculated in accordance with column 8 of form [PWGSC-TPSGC 450](#) (that is  $[i_1 - i_0] / i_0$ ).
- 6. Canada reserves the right to audit any revision to costs and prices under this clause.

## 6.5 Invoicing Instructions

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.

Invoices must be sent by email to the following address for certification and payment:

- [Matthew.MacLean2@force.gc.ca](mailto:Matthew.MacLean2@force.gc.ca)  
DLP 8-1-3

## 6.6 Insurance - No Specific Requirement

SACC Manual clause [G1005C](#) (2008-05-12) Insurance - No Specific Requirement

## 6.7 SACC Manual Clauses

SACC Reference	Section	Date
<a href="#">D5545C</a>	ISO 9001:2008 - Quality Management Systems - Requirements (Quality Assurance Code C)	2019-05-30

### 6.7.1 NATO Commercial and Government Entity Code (NCAGE)

#### Traceability

Material supplied for the items specified in this contract is subject to investigation by Canada. Material which can neither be demonstrated by the contractor as having originated directly from the NCAGE specified for the item in this contract,



nor as supplied with the specific written permission of this specified NCAGE, are subject to the following action by Canada.

Canada may either:

(a) terminate the contract for default with respect to that item, return the item to the Contractor at the Contractor's risk and expense, and demand and receive from the Contractor (who shall forthwith so pay) all reprourement and other costs incurred by Canada, including any increased costs required for the purpose of expediting production;

**OR**

(b) retain the item, and demand and receive from the Contractor (who shall forthwith so pay) the difference between the Contractor's costs relating to the item, as determined by Canada, and the costs which, in Canada's opinion, the Contractor would have incurred had it obtained and supplied an item which did not differ in any way from that specifically required under the contract.

## 6.8 SACC Manual Clauses (Delivery)

SACC Reference	Section	Date
<u>D2000C</u>	Marking	2007-11-30
<u>D2001C</u>	Labelling	2007-11-30
<u>D2025C</u>	Wood Packaging Materials	2017-08-17

### 6.8.1 Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and Delivered Duty Paid –DDP– (Locations in Annex A, Ontario) Incoterms 2000 for shipments from a commercial contractor.

### 6.8.2 Preparation for Delivery

The Contractor must prepare all items for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification D-LM-008-036/SF-000, DND Minimum Requirements for Manufacturer's Standard Pack.

The Contractor must package all items in quantities of one (1) by package.

## 6.9 Dispute Resolution

- The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- 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.
- 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.
- Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "Dispute Resolution".

**STATEMENT OF REQUIREMENT  
FOR THE  
STANDING OFFER  
FOR  
POWER DISTRIBUTION EQUIPMENT**

**1.0 SCOPE**

**1.1 Purpose**

The purpose of this statement of work is to define the scope and requirements that apply to the Standing Offer for the delivery of Power Distribution Equipment to the Department of National Defence (DND).

**1.2 Background**

DND currently has a large suite of portable power distribution systems in-service to support training and operations where local infrastructure is not available. These systems are based upon the Mobile Electric Power Distribution - Replacement (MEPDIS-R) system manufactured by the Lex Products Corporation in order to maintain interoperability with other allied nations. DND has a requirement for additional equipment and spare parts to support the in-service equipment that is compatible with the MEPDIS-R system.

**1.3 Applicable Documents**

The following documents form part of this statement of work to the extent specified and are supportive of this statement of work when referenced; any other documents are to be considered supplemental information only. In the event of a conflict between the documents and the contents of this statement of work, then the contents of this statement of work must take precedence.

- MIL-HDBK-61A (SE) Configuration Management Guidance (copy available upon request)

**1.4 Acronyms**

CFB	Canadian Forces Base
DND	Department of National Defence
DP	Delivery Point
ECU	Environmental Control Unit
MEPDIS-R	Mobile Electric Power Distribution - Replacement
NATO	North Atlantic Treaties Organization
NSN	NATO Stock Number
PA	Procurement Authority
TA	Technical Authority

**2.0 DELIVERABLES**

The Offeror must deliver the following for a period of three (3) years following Contract Award:

- (a) Equipment in accordance with the Operational Performance and Technical Specifications at Annex B. Each call-up against the standing offer will detail the delivery point and the equipment by type and quantity to be delivered. The estimated forecasted demand is given at Appendix 1; and
- (b) Irrevocable options for two (2) additional one-year periods of equipment.

2.1 Delivery Points

The equipment will be delivered to one of the following delivery points as specified in the call-up:

**DP1 - CFB Petawawa - Canadian Special Operations Regiment**

Unit Z-106, 46 Centurion Road  
P.O. Box 9999, Station Main  
Petawawa, ON K8H 2X3  
Attn: Receipts Section (Ph: 613-687-5511 - Ext 4333)

**DP2 - DND**

3153 Dwyer Hill Road  
Ashton, ON K0A 1B0  
Attn: Receipts Section

**DP3 - Garrison Petawawa - 427 Special Operations Air Squadron**

Building: CC127  
735 Passchendaele Road  
Petawawa, ON K8H 2X3  
Attn: Receipts Section (Ph: 613-687-5511 - Ext 7726)

**DP4 - Canadian Joint Incident Response Unit**

48 Portage Avenue  
8 Wing Trenton  
P.O. Box 1000, Station Forces  
Astra, ON K0K 3W0  
Attn: Receipts Section

**DP5 - Special Operations Depot**

61 Industrial Avenue  
Petawawa, Ontario  
K8H 2W8

**3.0 REQUIREMENTS**

3.1 Configuration Control

The Offeror must have an established, DND verifiable, Configuration Management (CM) Program with control systems in place in accordance with MIL-HDBK-61A, and must provide configuration identification, control and status accounting of all new and/or modified hardware. All power distribution system components delivered must have the same product baseline and support interchangeability/interoperability of parts. The established product baseline must be maintained during repair and any deviation from the baseline must be approved in advance by the DND Technical Authority (TA).

## APPENDIX 1 ESTIMATED FORECASTED DEMAND

The estimated forecast demand is as follows:

Item	Description	NSN	Manufacturer	Manufacturer Part Number	Year 1	Year 2	Year 3	Option Year 1	Option Year 2
PDS System Components									
1	300 kW Distribution Box	6110-01-532-17765	Lex Products	DB350MA-P2WQS3	3	3	3	3	3
2	100 kW Distribution Box	6110-01-532-1835	Lex Products	DB350MA-P2WAS3	3	3	3	3	3
3	30 kW Distribution Box	6110-01-532-1809	Lex Products	DB100MA-P22QS3	6	6	6	6	6
4	15 kW Distribution Box	6110-01-532-1764	Lex Products	DB-60MA-F22QS3	12	12	12	12	12
5	5 kW Indoor Distribution Box	6110-01-532-1794	Lex Products	DB-30NA-AQQ-S3	12	12	12	12	12
6	5 kW Outdoor Distribution Box	6110-01-532-1821	Lex Products	DB-30NA-A22-S3	12	12	12	12	12
7	Cam-Lock Cable Tie-In	N/A	Lex Products	TS60WF-10	2	2	2	2	2
8	Cam-Lock Feeder Cable (25 ft)	6150-01-529-7900	Lex Products	FS60P5W-25	2	2	2	2	2
9	50 ft 100 A Cable	6150-01-687-0455	Lex Products	PF050A-EWJE-PV-PV	2	2	2	2	2
10	50 ft 30 A Cable	6150-01-529-8428	Lex Products	PE105SE-50-530	12	12	12	12	12
11	Outdoor Y Cable	6150-01-540-3519	Lex Products	2FERQUAD-USMC	12	12	12	12	12
12	50 ft 60 A Feeder Cable	6105-01-529-7674	Lex Products	PE6/5P-50-560	12	12	12	12	12
13	Spare Parts/Tools Kit	5999-01-534-6389	Lex Products	KIT-SERIES16	1	1	1	1	1
14	3-Receptacle Extension Cord (25 ft)	N/A	Lex Products	50123B	14	14	14	14	14
15	6-Receptacle Extension Cord (50 ft)	N/A	Lex Products	50112BA	14	14	14	14	14
16	Portable Work Light	N/A	Lex Products	B6700-FL-Y	25	25	25	25	25
17	Portable Work Light (Emergency Backup)	N/A	Lex Products	B6700-EM	13	13	13	13	13

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18	Channel Crossover	N/A	Lex Products	PRC-5-BK	13	13	13	13	13	13
19	Watertight Extension Cable 50 ft	N/A	Lex Products	PE7000-50-515-WG	24	24	24	24	24	24
20	30 kW ECU Distribution Box	6110-20-011-3700	Lex Products	DB100MA-PI021Q-01S3-CDN	6	6	6	6	6	6
21	Pin & Sleeve MIL STD Adapter	6150-01-529-7908	Lex Products	ADP560-MIL	24	24	24	24	24	24
22	Pull Handle	5340-01-549-1899	Davies Molding	RG-1S.160.84	20	20	20	20	20	20
23	HPDE Handle Spacers	5340-01-549-1904	Lex Products	HNDL-SPACER	40	40	40	40	40	40
24	Input Connector		Hubbell	HBL530B9W	4	4	4	4	4	4
25	20 A Single Phase Outlet	5935-01-363-1329	Hubbell	HBL320R4W-MIL	8	8	8	8	8	8
26	30 A Single Phase Outlet	5935-01-308-4039	Hubbell	HBL330R4W	2	2	2	2	2	2
27	Outdoor Cord Sets	6150-01-530-7352	Lex Products	DB20QD50SEPS	4	4	4	4	4	4
28	30 A Single Phase Plug, Spare		Hubbell	HBL330P4W	2	2	2	2	2	2
29	20 A Single Phase Duplex Outlet GFCI		Hubbell	GF20BK	20	20	20	20	20	20
30	Cover, GFCI WP	5975-01-549-1923	Hubbell	HBL5221M1	40	40	40	40	40	40
31	Indoor Cord Sets	6150-01-530-1960	Lex Products	DB20QD50SE515W	4	4	4	4	4	4
32	60 A Three Phase Input Connector	5935-01-234-7200	Hubbell	HBL560B9W	8	8	8	8	8	8
33	30 A Three Phase Outlet	5935-01-220-3043	Hubbell	HBL530R9W	4	4	4	4	4	4
34	100 A Three Phase Input Connector	5935-01-361-4165	Hubbell	HBL5100B9W	4	4	4	4	4	4
35	60 A Three Phase Outlet	5935-01-361-4166	Hubbell	HBL560R9W	16	16	16	16	16	16
36	20 A Three Phase Outlet	5935-01-220-5155	Hubbell	HBL520R9W	2	2	2	2	2	2
37	100 A Three Phase Outlet	5935-01-362-7909	Hubbell	HBL5100R9W	2	2	2	2	2	2
38	Input Cover	5935-01-555-8409	Lex Products	PC530-ASY	4	4	4	4	4	4
39	Polyester Cover	5925-01-556-0164	Lex Products	A31-DTCOV-ASY	12	12	12	12	12	12

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40	Input Connector Cover Assembly	5935-01-556-0302	Lex Products	PC60-ASY	8	8	8	8	8	8
41	Input Connector Cover Assembly	5935-01-555-8265	Lex Products	PC100-ASY	4	4	4	4	4	4
42	Breaker Cover Assembly	5895-01-549-2594	Lex Products	A71-DTCOV-ASY	8	8	8	8	8	8
43	Breaker Cover 10 Position	5925-01-549-1981	Lex Products	900610	4	4	4	4	4	4
44	Thumb Screw		Vynckier Enclosure Systems	41520-155	100	100	100	100	100	100
45	Cam, Male, Black	3040-01-549-1983	Marinco	CL40MRSBML-A	4	4	4	4	4	4
46	Cam, Male, White	3040-01-549-1985	Marinco	CL40MRSBML-B	4	4	4	4	4	4
47	Cam, Male, Red	3040-01-549-1992	Marinco	CL40MRSBML-C	4	4	4	4	4	4
48	Cam, Male, Blue	3040-01-549-2114	Marinco	CL40MRSBML-D	4	4	4	4	4	4
49	Cam, Male, Green	3040-01-549-2000	Marinco	CL40MRSBML-E	4	4	4	4	4	4
50	Cam, Female, Black	3040-01-549-2004	Marinco	CL40FRSBML-A	2	2	2	2	2	2
51	Cam, Female, White	3040-01-549-2017	Marinco	CL40FRSBML-B	2	2	2	2	2	2
52	Cam, Female, Red	3040-01-549-2068	Marinco	CL40FRSBML-C	2	2	2	2	2	2
53	Cam, Female, Blue	3040-01-549-1872	Marinco	CL40FRSBML-D	2	2	2	2	2	2
54	Cam, Female, Green	3040-01-549-1874	Marinco	CL40FRSBML-E	2	2	2	2	2	2
55	Cam Cover, Black	5340-01-549-1881	Marinco	CL40WTC-L-125A	20	20	20	20	20	20
56	Cam Cover, White	5340-01-549-1887	Marinco	CL40WTC-L-125B	20	20	20	20	20	20
57	Cam Cover, Red	5340-01-549-1890	Marinco	CL40WTC-L-125C	20	20	20	20	20	20
58	Cam Cover, Blue	5340-01-549-0174	Marinco	CL40WTC-L-125D	20	20	20	20	20	20
59	Cam Cover, Green	5340-01-549-1981	Marinco	CL40WTC-L-125E	20	20	20	20	20	20

## **OPERATIONAL PERFORMANCE AND TECHNICAL SPECIFICATIONS FOR THE POWER DISTRIBUTION EQUIPMENT**

### **1.0 GENERAL**

#### **1.1 Scope**

This specification outlines the operational performance and technical requirements for the Power Distribution Equipment. All requirements are mandatory.

#### **1.2 Applicable Documents**

The following documents form part of this specification to the extent specified and are supportive of this specification when referenced; any other documents are to be considered supplemental information only. In the event of a conflict between the documents and the contents of this specification, then the contents of this specification shall take precedence.

- MIL-STD-810F - Test Method Standard for Environmental Engineering Considerations and Laboratory Tests ([www.everyspec.com](http://www.everyspec.com))
- IEC 60309 - Plugs, Socket-Outlets and Couplers for Industrial Purposes ([www.iec.ch](http://www.iec.ch))
- MIL-DTL-22992 - General Specification for Connectors, Plugs and Receptacles, Electrical, Waterproof, Quick Disconnect, Heavy Duty Type

#### **1.3 Acronyms**

ECU	Environmental Control Unit
GFCI	Ground Fault Circuit Interrupt
IEC	International Electrotechnical Commission
LED	Light Emitting Diode
NEMA	National Electrical Manufacturer's Association
SEOOW	Service Cord, Elastomer Jacket, Oil Resistant (Inside and Outside Jacket), Weather and Water Resistant
SEOW	Service Cord, Elastomer Jacket, Oil Resistant (Outside Jacket), Weather and Water Resistant
SJOOW	Service Cord, Junior, Oil Resistant (Inside and Outside Jacket), Weather and Water Resistant
SOW	Service Cord, Oil Resistant (Jacket Only), Weather and Water Resistant
STW	Service Cord, Thermoplastic Jacket, Weather and Water Resistant

### **2.0 REQUIREMENTS**

#### **2.1 Operational Performance and Technical Requirements**

The operational performance and technical requirements for all Power Distribution items are as follows:

- (a) 300 kW Distribution Box - The 300 kW Distribution Box (NSN 6110-01-532-17765) must be the Lex Products Corporation "MEPDIS-R 300KW DIST BOX" (Part# DB350MA-P2WQS3), or equivalent, as follows:
  - i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;
  - ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;
  - iii. Rated to operate at 1200 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;

- iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows:
    - a. Temperature: -51°C to +49°C;
    - b. Humidity: Up to 100%; and
    - c. Solar Radiation, Rain, salt, fog, sand, dust, icing and freezing rain;
  - v. Permits input from three (3) synchronized 400 Amp external power sources (independently or simultaneously) utilizing five (5) color-coded 16 Series Cam-Type inlets;
  - vi. Include outputs as follows:
    - a. Two (2) 400 Amp sets of five (5) color-coded 16 Series Cam-Type outlets;
    - b. Two (2) 100 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin & Sleeve Receptacles; and
    - c. One (1) NEMA 5-20, 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, GFCI Duplex Receptacle;
  - vii. Include overcurrent protection on all outputs; and
  - viii. Have a size and weight as follows:
    - a. No larger than the following:
      - 1. Length: 100 cm (40 in);
      - 2. Width: 70 cm (28 in); and
      - 3. Height: 80 cm (32 in);
      - 4. Weigh no more than 150 kg (330 pounds);
- (b) 100 kW Distribution Box - The 100 kW Distribution Box (NSN 6110-01-532-1835) must be the Lex Products Corporation "MEPDIS-R 100KW DIST BOX" (Part# DB350MA-P2WAS3), or equivalent, as follows:
- i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;
  - ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;
  - iii. Rated to operate at 800 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;
  - iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows:
    - a. Temperature: -51°C to +49°C;
    - b. Humidity: Up to 100%; and
    - c. Solar Radiation, Rain, salt, fog, sand, dust, icing and freezing rain;
  - v. Permits input from two (2) synchronized 400 Amp external power sources (independently or simultaneously) utilizing five (5) color-coded 16 Series Cam-Type inlets;
  - vi. Include outputs as follows:
    - a. One (1) 200 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, sets of five (5) color-coded 16 Series Cam-Type Outlet;
    - b. Four (4) 100 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin & Sleeve Receptacles;
    - c. Two (2) 60 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin & Sleeve Receptacles;
    - d. Two (2) 30 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin & Sleeve Receptacles;
    - e. Two (2) 20 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin & Sleeve Receptacles;
    - f. Two (2) 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, IEC 60309 Pin & Sleeve Receptacles; and



- g. One (1) NEMA 5-20, 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, GFCI Duplex Receptacle;
  - vii. Include overcurrent protection on all outputs; and
  - viii. Have a size and weight as follows:
    - a. No larger than the following:
      - 1. Length: 100 cm (40 in);
      - 2. Width: 70 cm (28 in); and
      - 3. Height: 80 cm (32 in);
    - b. Weigh no more than 140 kg (310 pounds);
- (c) 30 kW Distribution Box - The 30 kW Distribution Box (NSN 6110-01-532-1809) must be the Lex Products Corporation "MEPDIS-R 30KW DIST BOX" (Part# DB100MA-P22QS3), or equivalent, as follows:
- i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;
  - ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;
  - iii. Rated to operate at 200 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;
  - iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows:
    - a. Temperature: -51°C to +49°C;
    - b. Humidity: Up to 100%; and
    - c. Solar Radiation, Rain, salt, fog, sand, dust, icing and freezing rain;
  - v. Permits input from the following utilizing IEC 60309 Pin & Sleeve inlets:
    - a. Directly from the 100 kW Distribution Box; or
    - b. Two (2) synchronized 100 Amp, 3 Phase external power sources (independently or simultaneously);
  - vi. Include outputs as follows:
    - a. Four (4) 60 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin & Sleeve Receptacles;
    - b. Two (2) 30 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin & Sleeve Receptacles;
    - c. Two (2) 20 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin & Sleeve Receptacles;
    - d. Two (2) 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, IEC 60309 Pin & Sleeve Receptacles; and
    - e. One (1) NEMA 5-20, 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, GFCI Duplex Receptacle;
  - vii. Include overcurrent protection on all outputs; and
  - viii. Have a size and weight as follows:
    - a. No larger than the following:
      - 1. Length: 100 cm (40 in);
      - 2. Width: 70 cm (28 in); and
      - 3. Height: 40 cm (20 in);
    - b. Weigh no more than 85 kg (190 pounds);
- (d) 15 kW Distribution Box - The 15 kW Distribution Box (NSN 6110-01-532-1764) must be the Lex Products Corporation "MEPDIS-R 15KW DIST BOX" (Part# DB-60MA-F22QS3), or equivalent, as follows:
- i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;

- ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;
  - iii. Rated to operate at 120 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;
  - iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows:
    - a. Temperature: -51°C to +49°C;
    - b. Humidity: Up to 100%; and
    - c. Solar Radiation, Rain, salt, fog, sand, dust, icing and freezing rain;
  - v. Permits input from the following utilizing IEC 60309 Pin & Sleeve inlets:
    - a. Directly from the 100 kW Distribution Box;
    - b. Directly from the 30 kW Distribution Box; or
    - c. Two (2) synchronized 60 Amp, 3 Phase external power sources (independently or simultaneously);
  - vi. Include outputs as follows:
    - a. Four (4) 30 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin & Sleeve Receptacles;
    - b. Four (4) 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, IEC 60309 Pin & Sleeve Receptacles; and
    - c. One (1) NEMA 5-20, 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, GFCI Duplex Receptacle;
  - vii. Include overcurrent protection on all outputs; and
  - viii. Have a size and weight as follows:
    - a. No larger than the following:
      - 1. Length: 70 cm (28 in);
      - 2. Width: 60 cm (24 in); and
      - 3. Height: 50 cm (20 in);
    - b. Weigh no more than 45 kg (112 pounds);
- (e) 5 kW Indoor Distribution Box - The 5 kW Indoor Distribution Box (NSN 6110-01-532-1794) must be the Lex Products Corporation "MEPDIS-R 5KW INDOOR BOX (W/ 6 CORDS)" (Part# DB-30NA-AQQ-S3), or equivalent, as follows:
- i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;
  - ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;
  - iii. Rated to operate at 30 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;
  - iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows:
    - a. Temperature: -51°C to +49°C;
    - b. Humidity: Up to 100%; and
    - c. Solar Radiation, Rain, salt, fog, sand, dust, icing and freezing rain;
  - v. Permits input from the following utilizing IEC 60309 Pin & Sleeve inlets:
    - a. Directly from the 100 kW Distribution Box;
    - b. Directly from the 30 kW Distribution Box; or
    - c. Directly from the 15 kW Distribution Box;
  - vi. Include outputs as follows:
    - a. Nine (9) NEMA 5-20, 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, GFCI Duplex Receptacles;
  - vii. Include overcurrent protection on all outputs;
  - viii. Include six (6) 15 m (50 ft) 10/3 SEOW Extension Cords with two (2) NEMA 5-20 Duplex Receptacles each; and

- ix. Have a size and weight as follows:
  - a. No larger than the following:
    - 1. Length: 50 cm (20 in);
    - 2. Width: 50 cm (20 in); and
    - 3. Height: 40 cm (16 in);
  - b. Weigh no more than 18 kg (40 pounds) for the box only (without cords);
- (f) 5 kW Outdoor Distribution Box - The 5 kW Outdoor Distribution Box (NSN 6110-01-532-1821) must be the Lex Products Corporation "MEPDIS-R 5KW OUTDOOR BOX (W/ 6 CORDS)" (Part# DB-30NA-A22-S3), or equivalent, as follows:
  - i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;
  - ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;
  - iii. Rated to operate at 30 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;
  - iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows:
    - a. Temperature: -51°C to +49°C;
    - b. Humidity: Up to 100%; and
    - c. Solar Radiation, Rain, salt, fog, sand, dust, icing and freezing rain;
  - v. Permits input from the following utilizing IEC 60309 Pin & Sleeve inlets:
    - a. Directly from the 100 kW Distribution Box;
    - b. Directly from the 30 kW Distribution Box; or
    - c. Directly from the 15 kW Distribution Box;
  - vi. Include outputs as follows:
    - a. Six (6) 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, IEC 60309 Pin & Sleeve Receptacles; and
    - b. Three (3) 30 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, IEC 60309 Pin & Sleeve Receptacles;
  - vii. Include overcurrent protection on all outputs;
  - viii. Include six (6) 15 m (50 ft) 10/3 SEOW Extension Cords with two (2) NEMA L5-20 Duplex Receptacles each;
  - ix. Include three spare (3) 30 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, IEC 60309 Pin & Sleeve Plugs; and
  - x. Have a size and weight as follows:
    - a. No larger than the following:
      - 1. Length: 50 cm (20 in);
      - 2. Width: 50 cm (20 in); and
      - 3. Height: 40 cm (16 in);
    - b. Weigh no more than 20 kg (44 pounds) for the box only (without cords);
- (g) Cam-Lock Cable Tie-In - The Cam-Lock Cable Tie-In must be the Lex Products Corporation "CAMLOCK TAIL SET 4/0 TYPE W 5W ABCDE-FEM BLNT 10FT" (Part# TS60WF-10), or equivalent, as follows:
  - i. Cam-Type Tie-In Cable Set for connecting 15 kW, 30 kW and 100 kW Distribution Boxes to input source;
  - ii. Rated at 400 Amp, 600 VAC;
  - iii. Cable: Five (5) Cables, 4/0 AWG Type W, 3 m (10 ft) in length;
  - iv. Male End Couplers: Blunt Cable; and
  - v. Female End Couplers: 16 Series Inline (Black, Red, Blue, White, Green);

- (h) Cam-Lock Feeder Cable (25 ft) - The Cam-Lock Feeder Cable (25 ft) (NSN 6150-01-529-7900) must be the Lex Products Corporation "EXTSET MEPDIS-R 25 FT CAM LOCK" (Part# FS60P5W-25), or equivalent, as follows:
- Cam-Type Feeder Cable Set for connecting 100 kW Distribution Box to input source;
  - Rated at 400 Amp, 600 VAC;
  - Cable: 5 Cables, 4/0 AWG Type PPE, 7.6 m (25 ft) in length;
  - Male End Couplers: 16 Series Inline (Black, Red, Blue, White, Green); and
  - Female End Couplers: 16 Series Inline (Black, Red, Blue, White, Green);
- (i) 50 ft 100 A Cable - The 50 ft 100 A Cable (NSN 6150-01-687-0455) must be the Lex Products Corporation "MEPDIS-R 50FT 100A CABLE" (Part# PF050A-EWJE-PV-PV, or equivalent, as follows:
- IEC 60309 Pin & Sleeve Cable set for connecting 30 kW Distribution Box to 100 kW Distribution Box;
  - Rated at 100 Amp, 4 Pole, 120/208 VAC;
  - Cable: 5 Wire, 2/5 Type W, 15 m (50 ft) in length;
  - Male End Coupler: 5 Wire, IEC 60309 Pin & Sleeve; and
  - Female End Coupler: 5 Wire, IEC 60309 Pin & Sleeve;
- (j) 50 ft 30 A Cable - The 50 ft 30 A Cable (NSN 6150-01-529-8428) must be the Lex Products Corporation "MEPDIS-R 50FT 30A CABLE" (Part# PE105SE-50-530), or equivalent, as follows:
- IEC 60309 Pin & Sleeve Cable set for connecting 5 kW Distribution Box to 15 kW, 30 kW or 100 kW Distribution Boxes;
  - Rated at 30 Amp, 4 Pole, 120/208 VAC;
  - Cable: 5 Wire, 10/5 Type SEOW, 15 m (50 ft) in length;
  - Male End Coupler: 5 Wire, IEC 60309 Pin & Sleeve; and
  - Female End Coupler: 5 Wire, IEC 60309 Pin & Sleeve;
- (k) Outdoor Y Cable - The Outdoor Y Cable (NSN 6150-01-540-3519) must be the Lex Products Corporation "MEPDIS-R 5KW OUTDOOR Y EXT" (Part# 2FERQUAD-USMC), or equivalent, as follows:
- Molded Y-Cable extension cord with duplex receptacles;
  - Rated at 2 Pole, 3 Wire, 20 Amp, 120 VAC;
  - Cable: 10/3 Type SEOOW, 30 m (75 ft) in length;
  - Male End Coupler: 20 Amp, 120 VAC, IEC 60309 Pin & Sleeve; and
  - Female Receptacle Ends (2): 20 Amp, 120 VAC Duplex Receptacles (each end);
- (l) 50 ft 60 A Feeder Cable - The 50 ft 60 A Feeder Cable (NSN 6105-01-529-7674) must be the Lex Products Corporation "MEPDIS-R 50FT 60A CABLE" (Part# PE6/5P-50-560), or equivalent, as follows:
- IEC 60309 Pin & Sleeve Cable set for connecting 15 kW Distribution Box to 30 kW or 100 kW Distribution Boxes;
  - Rated at 60 Amp, 4 Pole, 120/208 VAC;
  - Cable: 5 Wire, 6/5 Type PPE, 15 m (50 ft) in length;
  - Male End Coupler: 5 Wire, IEC 60309 Pin & Sleeve; and
  - Female End Coupler: 5 Wire, IEC 60309 Pin & Sleeve;
- (m) Spare Parts/Tools Kit - The Spare Parts/Tools Kit (NSN 5999-01-534-6389) must be the Lex Products Corporation "MEPDIS-R CAM SPARE PARTS/TOOL KIT" (Part# KIT-SERIES16),

or equivalent, Cam-Type Coupler repair kit, contained within a duffel-style bag, including the following components:

Item	Description	Quantity
1	Female Assembly Tool - 16 & 18 Series	1
2	Male Assembly Tool - 16 & 18 Series	1
3	Male Cam Inline 1/0-4/0 (Blue)	3
4	Male Cam Inline 1/0-4/0 (White)	3
5	Male Cam Inline 1/0-4/0 (Black)	3
6	Male Cam Inline 1/0-4/0 (Green)	3
7	Male Cam Inline 1/0-4/0 (Red)	3
8	Female Cam Inline 1/0-4/0 (Blue)	3
9	Female Cam Inline 1/0-4/0 (White)	3
10	Female Cam Inline 1/0-4/0 (Black)	3
11	Female Cam Inline 1/0-4/0 (Green)	3
12	Female Cam Inline 1/0-4/0 (Red)	3
13	Cam 16 Series, Single Male to Triple Female Adapter	5
14	Hex Bit Socket	1
15	Wrench Ratchet	1
16	Screw Set 16 & 18 Series Cam	5
17	Wire Strain Relief 16 & 18 Series Cam	5
18	Shim Copper 16 & 18 Series Cam	5
19	Screw Insulated 16 Series	5
20	Cam 16 Series Cap for Female (Black)	12
21	Cam 16 Series Cap for Male (Black)	12

- (n) 3-Receptacle Extension Cord (25 ft) - The 3-Receptacle Extension Cord (25 ft) must be the Lex Products Corporation "E-STRING 515 3 RECEP 25FT" (Part# 50123B), or equivalent, as follows:
- i. Three (3) receptacle extension cord (black);
  - ii. Rated at 20 Amp, 125 VAC;
  - iii. Cable: 12 AWG 3 Wire STW, 7.5 m (25 ft) in length;
  - iv. Plug: NEMA 5-15; and
  - v. Receptacles as follows:
    - a. Single NEMA 5-15 injection molded (receptacle boxes are not acceptable);
    - b. Two (2) spaced at 2.4-2.7 m (8-9 ft) along the length of the cord and the third at the end opposite the plug; and
    - c. Integral LED power indicator;
- (o) 6-Receptacle Extension Cord (50 ft) - The 6-Receptacle Extension Cord (50 ft) must be the Lex Products Corporation "E-STRING 520 6 RECEP 50FT" (Part# 50112BA), or equivalent, as follows:
- i. Six (6) receptacle extension cord (black);
  - ii. Rated at 20 Amp, 125 VAC;
  - iii. Cable: 12 AWG 3 Wire STW, 15 m (50 ft) in length;
  - iv. Plug: NEMA 5-20; and
  - v. Receptacles as follows:
    - a. Single NEMA 5-15 injection molded (receptacle boxes are not acceptable);
    - b. Five (5) spaced at 2.7-3.0 m (9-10 ft) along the length of the cord and the sixth at the end opposite the plug; and

- c. Integral LED power indicator;
- (p) Portable Work Light - The Portable Work Light must be the Lex Products Corporation "T5 LAMP FLORESCENT PORTABLE WORK LIGHT" (Part# B6700-FL-Y), or equivalent, as follows:
- i. 8200 Lumen portable work light, nominal 120 VAC (277 VAC maximum), 50/60 Hz;
  - ii. Rugged aluminum frame, polycarbonate shell/lens and polyurethane caps and lamp holders;
  - iii. Water resistant for use in wet locations;
  - iv. Includes two (2) straps for suspending the light horizontally or vertically;
  - v. Lamps: Three (3) 40 Watt florescent T5;
  - vi. Input Cord: 3 Wire, SJOOW, 4.6 m (15 ft) in length, NEMA 5-15 Plug; and
  - vii. Feed-Through Cord: 3 Wire, SJOOW, 30 cm (1 ft) in length, NEMA 5-15 Receptacle;
- (q) Portable Work Light (Emergency Backup) - The Portable Work Light (Emergency Backup) must be the Lex Products Corporation "T5 LAMP FLORESCENT PORTABLE WORK LIGHT, BATT" (Part# B6700-EM-B), or equivalent, as follows:
- i. 8200 Lumen portable work light, nominal 120 VAC (277 VAC maximum), 50/60 Hz;
  - ii. Rugged aluminum frame, polycarbonate shell/lens and polyurethane caps and lamp holders;
  - iii. Water resistant for use in wet locations;
  - iv. Includes two (2) straps, minimum 150 cm (5 ft) in length, for suspending the light horizontally or vertically;
  - v. Includes an internal rechargeable battery as follows:
    - a. Automatically recharges when connected to a power source; and
    - b. When disconnected from power source provides a minimum of sixty (60) minutes of use;
  - vi. Lamps: Three (3) 40 Watt florescent T5;
  - vii. Input Cord: 3 Wire, SJOOW, 4.6 m (15 ft) in length, NEMA 5-15 Plug; and
  - viii. Feed-Through Cord: 3 Wire, SJOOW, 30 cm (1 ft) in length, NEMA 5-15 Receptacle;
- (r) Channel Crossover - The Channel Crossover must be the Lex Products Corporation "LEX S CHANNEL CROSSOVER" (Part# PRC-5-BK), or equivalent, as follows:
- i. Heavy duty, non-conductive polyurethane cable cross-over protectors for pedestrian and vehicle traffic areas;
  - ii. Minimum load capacity 7000 kg (15400 pounds) per tire at 21°C;
  - iii. Operates in temperatures ranging from -40°C to +48°C;
  - iv. External tread or non-slip surface for traction;
  - v. Includes a base (black) and hinged/removable lid (black) to provide access to cables/hoses;
  - vi. Interconnects on each end to permit daisy-chaining for extended runs;
  - vii. Five (5) channels for minimum 3 cm (1.2 in) diameter cables/hoses;
  - viii. Have a size and weight as follows:
    - a. Nominal sizes ( $\pm 5\%$ ) as follows:
      - 1. Length: 90 cm (35 in);
      - 2. Width: 50 cm (20 in); and
      - 3. Height: 5 cm (2 in);
    - b. Weigh no more than 12.5 kg (27.5 pounds);



- (s) Watertight Extension Cable 50 ft - The Watertight Extension Cable 50 ft must be the Lex Products Corporation "B6700 EXT 12/3 50FT WTRTGHT" (Part# PE7000-50-515-WG), or equivalent, as follows:
- i. Edison (Industrial Rated) Extension cord (black);
  - ii. Rated at 15 Amp, 125 VAC, 2 Pole, 3 Wire;
  - iii. Cable: 12/3 SOW-A, 15 m (50 ft) in length;
  - iv. Plug: NEMA 5-15P; and
  - v. Receptacle: Single NEMA 5-15R;
- (t) 30 kW ECU Distribution Box - The 30 kW Environmental Control Unit Distribution Box (NSN 6110-20-011-3700) must be the Lex Products Corporation "MEPDIS-R "BOO Box" 30KW" (NSN 6100-01-586-2426) (Part# DB100MA-P1021Q-01S3), or equivalent, with upgraded breakers (60 Amp) as follows:
- i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;
  - ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;
  - iii. Rated to operate at 100 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;
  - iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows:
    - a. Temperature: -51°C to +49°C;
    - b. Humidity: Up to 100%; and
    - c. Solar Radiation, Rain, salt, fog, sand, dust, icing and freezing rain;
  - v. Permits input from the following utilizing IEC 60309 Pin & Sleeve inlets:
    - a. Directly from the 100 kW Distribution Box; or
    - b. One (1) 100 Amp, 3 Phase external power source;
  - vi. Include outputs as follows:
    - a. Four (4) 60 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin & Sleeve Receptacles;
    - b. Six (6) 30 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin & Sleeve Receptacles; and
    - c. One (1) NEMA 5-20, 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, GFCI Duplex Receptacle;
  - vii. Include overcurrent protection on all outputs; and
  - viii. Have a size and weight as follows:
    - a. No larger than the following:
      1. Length: 100 cm (40 in);
      2. Width: 70 cm (28 in); and
      3. Height: 40 cm (20 in);
    - b. Weigh no more than 85 kg (190 pounds);
- (u) Pin & Sleeve MIL STD Adapter - The Pin & Sleeve MIL STD Adapter must be the Lex Products Corporation "PIN & SLEEVE MIL STD ADAPTER " (Part# ADP560-MIL), or equivalent, as follows:
- i. IEC 60309 Pin & Sleeve to MIL-DTL-22992 Adapter Cable set for connecting 30 kW ECU Distribution Box to Environmental Control Units;
  - ii. Rated at 60 Amp, 4 Pole, 120/208 VAC;
  - iii. Cable: 5 Wire, 6/5 Type PPE, 90 cm (3 ft) in length;
  - iv. Male End Coupler: IEC 60309 Pin & Sleeve; and
  - v. Female End Coupler: MIL-DTL-22992 injection molded Type L;

- (v) Pull Handle - The Pull Handle (NSN 5340-01-549-1899) must be the Davies Molding " Pull Handle " (Part# RG-1S.160.84), or equivalent, as follows:
  - i. Length: 194 mm (7.63 in);
  - ii. Height: 52 mm (2.05 in);
  - iii. Centers: 160 mm (6.30 in);
  - iv. Material: Thermoplastic;
  - v. Mounting Thread: M8;
  - vi. Mounting Type: Thru-Hole; and
  - vii. Color: Black;
- (w) Handle Spacer - The Handle Spacer (NSN 5340-01-549-1904) must be the Lex Products Corporation " HDPE Handle Spacer " (Part# HNDL-SPACER), or equivalent, as follows:
  - i. High-Density Poly-Ethylene; and
  - ii. Insulated spacer for use with the Pull Handle on the top of the 100 kW Distribution Box;
- (x) Input Connector - The Input Connector must be the Hubbell "Watertight IEC Pin and Sleeve Inlet" (Part# HBL530B9W), or equivalent, as follows:
  - i. 30 Amp, 3 Phase Y, 120/208 VAC, 4 Pole, 5 Wire Watertight Inlet;
  - ii. Insulated thermoplastic housing - blue;
  - iii. Solid one-piece IEC 60309 pins;
  - iv. Sequential contact to prevent momentary over-voltage; and
  - v. Certified for current interrupting at full rated current;
- (y) 20 A Single Phase Outlet - The 20 A Single Phase Outlet (NSN 5935-01-363-1329) must be the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL320R4W-MIL), or equivalent, as follows:
  - i. 20 Amp, 125 VAC, 2 Pole, 3 Wire Watertight Receptacle;
  - ii. Insulated thermoplastic housing - yellow;
  - iii. Self-closing gasketed cover;
  - iv. Sequential contact to prevent momentary over-voltage;
  - v. Certified for current interrupting at full rated current; and
  - vi. IEC 60309 pin receptacles (3);
- (z) 30 A Single Phase Outlet - The 30 A Single Phase Outlet (NSN 5935-01-308-4039) must be the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL330R4W), or equivalent, as follows:
  - i. 30 Amp, 125 VAC, 2 Pole, 3 Wire Watertight Receptacle;
  - ii. Insulated thermoplastic housing - yellow;
  - iii. Self-closing gasketed cover;
  - iv. Sequential contact to prevent momentary over-voltage;
  - v. Certified for current interrupting at full rated current; and
  - vi. IEC 60309 pin receptacles (3);
- (aa) Outdoor Cord Sets - The Outdoor Cord Sets (NSN 6150-01-530-7352) must be the Lex Products " Outdoor Cable Assembly " (Part# DB20QD50SEPS), or equivalent, as follows:
  - i. Extension cord with duplex receptacle;
  - ii. Rated at 2 Pole, 3 Wire, 20 Amp, 120 VAC;
  - iii. Cable: 10/3 Type SEOOW, 15 m (50 ft) in length;
  - iv. Male End Coupler: 20 Amp, 120 VAC, IEC 80309 Pin & Sleeve; and
  - v. Female Receptacle End: One (1) box with two (2) 20 Amp, 120 VAC Duplex Receptacles;



- (bb) 30 A Single Phase Plug, Spare - The 30 A Single Phase Plug, Spare must be the Hubbell "Watertight IEC Pin and Sleeve Mating Plug" (Part# HBL330P4W), or equivalent, as follows:
- 30 Amp, 125 VAC, 2 Pole, 3 Wire Watertight Plug;
  - Insulated thermoplastic housing - yellow;
  - Solid one-piece IEC 60309 pins; and
  - Sequential contact to prevent momentary over-voltage;
- (cc) 20 A Single Phase Duplex Outlet GFCI - The 20 A Single Phase Duplex Outlet GFCI must be the Hubbell "Ground Fault Receptacle" (Part# GF20BK), or equivalent, as follows:
- 20 Amp, 125 VAC, 60 Hz self test GFCI receptacle;
  - Nylon face and base, brass contacts, steel mounting strap;
  - Certified for current interrupt at full rated current;
  - Operating Temperature: -35°C to +66°C; and
  - Color: Black;
- (dd) Cover, GFCI WP - The Cover, GFCI WP (NSN 5975-01-549-1923) must be the Hubbell "Waterproof Cover for Duplex, GFCI" (Part# HBL5221M1), or equivalent, as follows:
- Thermoplastic construction with stainless steel spring;
  - Duplex opening wallplate; and
  - Waterproof self-closing cover with neoprene gasket;
- (ee) Indoor Cord Sets - The Indoor Cord Sets (NSN 6150-01-530-1960) must be the Lex Products "Indoor Cable Assembly" (Part# DB20QD50SE515W), or equivalent, as follows:
- Extension cord with duplex receptacle;
  - Rated at 2 Pole, 3 Wire, 15 Amp, 120 VAC;
  - Cable: 10/3 Type SEOOW, 15 m (50 ft) in length;
  - Male End Coupler: 15 Amp, 120 VAC, NEMA 5-15; and
  - Female Receptacle End: One (1) box with two (2) 20 Amp, 120 VAC Duplex Receptacles;
- (ff) 60 A Three Phase Input Connector - The 60 A Three Phase Input Connector (NSN 5935-01-234-7200) must be the Hubbell "Watertight IEC Pin and Sleeve Inlet" (Part# HBL560B9W), or equivalent, as follows:
- 60 Amp, 3 Phase Y, 120/208 VAC, 4 Pole, 5 Wire Watertight Inlet;
  - Insulated thermoplastic housing - blue;
  - Solid one-piece IEC 60309 pins;
  - Sequential contact to prevent momentary over-voltage; and
  - Certified for current interrupting at full rated current;
- (gg) 30 A Three Phase Outlet - The 30 A Three Phase Outlet (NSN 5935-01-220-3043) must be the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL530R9W), or equivalent, as follows:
- 30/32 Amp, 3 Phase, 120/208 VAC, 4 Pole, 5 Wire Watertight Receptacle;
  - Insulated thermoplastic housing - blue;
  - Self-closing gasketed cover;
  - Sequential contact to prevent momentary over-voltage;
  - Certified for current interrupting at full rated current; and
  - IEC 60309 pin receptacles (5);

- (hh) 100 A Three Phase Input Connector - The 100 A Three Phase Input Connector (NSN 5935-01-361-4165) must be the Hubbell "Watertight IEC Pin and Sleeve Inlet" (Part# HBL5100B9W), or equivalent, as follows:
- 100 Amp, 3 Phase Y, 120/208 VAC, 4 Pole, 5 Wire Watertight Inlet;
  - Insulated thermoplastic housing - blue;
  - Solid one-piece IEC 60309 pins;
  - Sequential contact to prevent momentary over-voltage; and
  - Certified for current interrupting at full rated current;
- (ii) 60 A Three Phase Outlet - The 60 A Three Phase Outlet (NSN 5935-01-361-4166) must be the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL560R9W), or equivalent, as follows:
- 60 Amp, 3 Phase, 120/208 VAC, 4 Pole, 5 Wire Watertight Receptacle;
  - Insulated thermoplastic housing - blue;
  - Self-closing gasketed cover;
  - Sequential contact to prevent momentary over-voltage;
  - Certified for current interrupting at full rated current; and
  - IEC 60309 pin receptacles (5);
- (jj) 20 A Three Phase Outlet - The 20 A Three Phase Outlet (NSN 5935-01-220-5155) must be the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL520R9W), or equivalent, as follows:
- 20 Amp, 3 Phase, 120/208 VAC, 4 Pole, 5 Wire Watertight Receptacle;
  - Insulated thermoplastic housing - blue;
  - Self-closing gasketed cover;
  - Sequential contact to prevent momentary over-voltage;
  - Certified for current interrupting at full rated current; and
  - IEC 60309 pin receptacles (5);
- (kk) 100 A Three Phase Outlet - The 100 A Three Phase Outlet (NSN 5935-01-362-7909) must be the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL5100R9W), or equivalent, as follows:
- 100 Amp, 3 Phase Y, 120/208 VAC, 4 Pole, 5 Wire Watertight Receptacle;
  - Insulated thermoplastic housing - blue;
  - Self-closing gasketed cover;
  - Sequential contact to prevent momentary over-voltage;
  - Certified for current interrupting at full rated current; and
  - IEC 60309 pin receptacles (5);
- (ll) Covers - The covers must be Lex Products covers for the distribution box inlets and outlets as follows:

Description	NSN	Part#	Distribution Box
Input Cover	5935-01-555-8409	PC530-ASY	5 kW
Polyester Cover	5925-01-556-0164	A31-DTCOV-ASY	15 kW
Input Connector Cover Assembly	5935-01-556-0302	PC60-ASY	15 kW
Input Connector Cover Assembly	5935-01-555-8265	PC100-ASY	30 kW
Breaker Cover	5895-01-549-2594	A71-DTCOV-ASY	100 kW

Assembly			
Breaker Cover 10 Position	5925-01-549-1981	900610	100 kW

(mm) Thumb Screw - The Thumb Screw be the Vynckier Enclosure Systems "Thumb Screw Insert" (Part# 41520-155), or equivalent, as follows:

- i. Polyamide;
- ii. Set of two (2); and
- iii. For use with the cover screw enclosures on the top of the Distribution Boxes;

(nn) Cam, Male - The Cam, Male must be the Marinco "CL 16 Series Panel Mounts", or equivalent, as follows:

- i. 1.25" Stud, Extended Shoulder, Male Panel Mount;
- ii. 400 Amp, 600 V AC/DC;
- iii. Nylon housing with brass contact; and
- iv. Part numbers as follows:

Description	NSN	Part#
Cam, Male, Black	3040-01-549-1983	CL40MRSBML-A
Cam, Male, White	3040-01-549-1985	CL40MRSBML-B
Cam, Male, Red	3040-01-549-1992	CL40MRSBML-C
Cam, Male, Blue	3040-01-549-2114	CL40MRSBML-D
Cam, Male, Green	3040-01-549-2000	CL40MRSBML-E

(oo) Cam, Female - The Cam, Female must be the Marinco "CL 16 Series Panel Mounts", or equivalent, as follows:

- i. 1.25" Stud, Extended Shoulder, Female Panel Mount;
- ii. 400 Amp, 600 V AC/DC;
- iii. Nylon housing with brass contact; and
- iv. Part numbers as follows:

Description	NSN	Part#
Cam, Female, Black	3040-01-549-2004	CL40FRSBML-A
Cam, Female, White	3040-01-549-2017	CL40FRSBML-B
Cam, Female, Red	3040-01-549-2068	CL40FRSBML-C
Cam, Female, Blue	3040-01-549-1872	CL40FRSBML-D
Cam, Female, Green	3040-01-549-1874	CL40FRSBML-E

(pp) Cam Cover - The Cam Cover must be the Marinco "Surface Mount Cover", or equivalent, as follows:

- i. For 400 Amp Surface mounted Panel Mounts;
- ii. NEMA 1 rated;
- iii. Snap Back Cover; and
- iv. Part numbers as follows:

Description	NSN	Part#
Cam Cover, Black	5340-01-549-1881	CL40WTC-L-125A
Cam Cover, White	5340-01-549-1887	CL40WTC-L-125B
Cam Cover, Red	5340-01-549-1890	CL40WTC-L-125C
Cam Cover, Blue	5340-01-549-0174	CL40WTC-L-125D
Cam Cover, Green	5340-01-549-1981	CL40WTC-L-125E



**PROPOSAL REQUIREMENTS AND EVALUATION PLAN  
FOR THE  
POWER DISTRIBUTION EQUIPMENT**

**1.0 GENERAL**

**1.1. Purpose**

This document outlines the bid evaluation process for the Power Distribution System.

**1.2. Instructions**

Bidders will be assessed in accordance with the criteria detailed in this document. Mandatory requirements are identified by the word "must". All mandatory requirements must be met.

**2.0 BID DOCUMENTATION**

**2.1 Proposal Requirements**

The Bidder must provide a completed Compliance Matrix including proof of compliance and Written Confirmations as specified in Table 1. All Bidders must complete sections annotated "All Bidders" and only those Bidders that are offering equivalent products must complete those sections annotated "Equivalent Only". For the purposes of this RFP:

- (a) A Written Confirmation is a written statement from the Bidder, signed by an authorized company representative, guaranteeing it will fully comply with the requirement identified in the "Requirement" column of Table 1. Canada reserves the right to verify the statements made in the Written Confirmation; and
- (b) Within Table 1 specified products are identified as permitting an equivalent, identified by the wording "or equivalent". Where an equivalent product is offered, a Certificate of Compliance (C of C) is required. A C of C is a written statement from the Bidder, signed by an authorized company representative, guaranteeing the full compliance of the equivalent product to the requirement, identified in the "Requirement" column of Table 1. Canada reserves the right to verify the statements made in the C of C. A C of C must:
  - i. Designate the brand name, model and/or part number of the equivalent product;
  - ii. State that the equivalent product is fully interchangeable with the item specified; and
  - iii. Include a complete technical data package to include specifications and descriptive literature of the equivalent product;

**2.2 Test Results**

Where Test Results are required as part of the Proof of Compliance, they must:

- (a) Be for the model offered or be for a previous model which the model offered is based upon, and include a detailed explanation why the results are valid for the model offered; and

- (b) Be signed on each page by the technical authority that completed the testing.

Note: Test results may include the test data and summary, or just the summary confirming the system passed the tests.

## **2.0 EVALUATION APPROACH**

### **2.1. Evaluation Process**

To determine the winning bid, the Contracting Authority (CA) will base the selection on the lowest cost compliant. The evaluation process will be conducted in phases:

- (a) Phase I: Technical Evaluation; and
- (b) Phase II: Determination of Lowest Cost Compliant.

### **2.2. Phase I – Technical Evaluation**

DND will assemble a Technical Evaluation Team who will evaluate the proposals in accordance with the Mandatory Requirements in Table 1. The evaluation will be conducted on the supplied information only. All mandatory criteria must be met or the bid submission will be deemed non-compliant. Failure to provide sufficient detail in the bid submission to evaluate the proposal against the mandatory criteria will also deem the bid non-compliant. Even if a bid fails to meet as few as one mandatory criterion that bid will be non-compliant and will be given no further consideration.

#### **2.2.1. Evaluation of Equivalent Products**

If the Bidder provides a product that is said to be equivalent (i.e., not as specified in Annex B), the specification for the equivalent product, as provided by the Bidder, will be compared to the published specification for the product requested in Annex B to determine equivalency in form, fit and function. Products offered as equivalent in form, fit and function will not be considered for evaluation if the bid fails to provide all information requested to allow the Evaluation Team to fully evaluate the equivalency of the equivalent products. In conducting its evaluation of the bids, Canada may, but will have no obligation to, request Bidders offering an equivalent product to demonstrate, at the sole cost of the Bidders, that the product is equivalent to the item specified in the bid solicitation. For the purpose of this RFP, form, fit, and function are defined as follows:

- (a) Form is the overall design, engineering and intended use of an item (features, etc.);
- (b) Fit is an item's ability to integrate into the intended system; and
- (c) Function is the item's ability to meet the specifications of an intended design and purpose (orientation and access to features and controls, etc.).

### 2.2.2. Phase II - Determination of Lowest Cost Compliant

The Contract Authority will assess the financial submissions. The bid proposal that will be recommended for contract award will be the one that:

- (c) Is compliant with the Mandatory Requirements at Table 1; and
- (d) Is the lowest cost (on an aggregate basis – Unit price all items x Year 1 qty of Annex A).

### 3.0 MANDATORY REQUIREMENTS

Table 1: Compliance Matrix

Item #	Annex B Ref.	Requirement	Instructions to Bidders	Bid Reference
1	2.1(a)	<p><u>300 kW Distribution Box</u> - The 300 kW Distribution Box (NSN 6110-01-532-17765) must be the Lex Products Corporation "MEPDIS-R 300KW DIST BOX" (Part# DB350MA-P2WQS3), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;</li> <li>ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;</li> <li>iii. Rated to operate at 1200 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;</li> <li>iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows: <ul style="list-style-type: none"> <li>a. Temperature: -51°C to +49°C;</li> <li>b. Humidity: Up to 100%; and</li> <li>c. Solar Radiation, Rain, salt, fog, sand, dust, icing and freezing rain;</li> </ul> </li> <li>v. Permits input from three (3) synchronized 400 Amp external power sources (independently or simultaneously) utilizing five (5) color-coded 16 Series Cam-Type inlets;</li> <li>vi. Include outputs as follows: <ul style="list-style-type: none"> <li>a. Two (2) 400 Amp sets of five (5) color-coded 16</li> </ul> </li> </ul>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide:</p> <p>(1) A Certificate of Compliance that confirms the 300 kW Distribution Box being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R 300KW DIST BOX"(Part# DB350MA-P2WQS3);</p> <p>AND</p> <p>(2) Results of tests or third party confirmation of tests that confirms the 300 kW Distribution Box being offered operates under the climatic conditions specified.</p>	



		<p>Series Cam-Type outlets;</p> <p>b. Two (2) 100 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin &amp; Sleeve Receptacles; and</p> <p>c. One (1) NEMA 5-20, 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, GFCI Duplex Receptacle;</p> <p>Include overcurrent protection on all outputs; and</p> <p>vii. Have a size and weight as follows:</p> <p>viii. a. No larger than the following:</p> <p>1. Length: 100 cm (40 in);</p> <p>2. Width: 70 cm (28 in); and</p> <p>3. Height: 80 cm (32 in);</p> <p>Weigh no more than 150 kg (330 pounds);</p>		
2	2.1(b)	<p><u>100 kW Distribution Box</u> - The 100 kW Distribution Box (NSN 6110-01-532-1835) must be the Lex Products Corporation "MEPDIS-R 100KW DIST BOX"(Part# DB350MA-P2WAS3), or equivalent, as follows:</p> <p>i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;</p> <p>ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;</p> <p>iii. Rated to operate at 800 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;</p> <p>iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows:</p> <p>a. Temperature: -51°C to +49°C;</p> <p>b. Humidity: Up to 100%; and</p> <p>c. Solar Radiation, Rain, salt, fog, sand, dust, icing and freezing rain;</p> <p>v. Permits input from two (2) synchronized 400 Amp external power sources (independently or simultaneously) utilizing five (5) color-coded 16 Series Cam-Type inlets;</p> <p>vi. Include outputs as follows:</p> <p>a. One (1) 200 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, sets of five (5) color-coded 16 Series Cam-Type Outlet;</p> <p>b. Four (4) 100 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208</p>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide:</p> <p>(1) A Certificate of Compliance that confirms the 100 kW Distribution Box being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R 100KW DIST BOX"(Part# DB350MA-P2WAS3);</p> <p>AND</p> <p>(2) Results of tests or third party confirmation of tests that confirms the 100 kW Distribution Box being offered operates under the climatic conditions specified.</p>	



		<p>VAC, IEC 60309 Pin &amp; Sleeve Receptacles;</p> <p>c. Two (2) 60 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin &amp; Sleeve Receptacles;</p> <p>d. Two (2) 30 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin &amp; Sleeve Receptacles;</p> <p>e. Two (2) 20 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin &amp; Sleeve Receptacles;</p> <p>f. Two (2) 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, IEC 60309 Pin &amp; Sleeve Receptacles; and</p> <p>g. One (1) NEMA 5-20, 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, GFCI Duplex Receptacle;</p> <p>vii. Include overcurrent protection on all outputs; and</p> <p>viii. Have a size and weight as follows:</p> <ol style="list-style-type: none"> <li>No larger than the following: <ol style="list-style-type: none"> <li>Length: 100 cm (40 in);</li> <li>Width: 70 cm (28 in); and</li> <li>Height: 80 cm (32 in);</li> </ol> </li> <li>Weigh no more than 140 kg (310 pounds);</li> </ol>		
3	2.1(c)	<p>30 kW Distribution Box - The 30 kW Distribution Box (NSN 6110-01-532-1809) must be the Lex Products Corporation "MEPDIS-R 30KW DIST BOX" (Part# DB100MA-P22QS3), or equivalent, as follows:</p> <ol style="list-style-type: none"> <li>Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;</li> <li>Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;</li> <li>Rated to operate at 200 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;</li> <li>Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows: <ol style="list-style-type: none"> <li>Temperature: -51°C to +49°C;</li> <li>Humidity: Up to 100%; and</li> <li>Solar Radiation, Rain, salt, fog, sand, dust, icing and freezing rain;</li> </ol> </li> <li>Permits input from the following utilizing IEC 60309 Pin &amp; Sleeve inlets:</li> </ol>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide:</p> <p>(1) A Certificate of Compliance that confirms the 30 kW Distribution Box being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R 30KW DIST BOX" (Part# DB100MA-P22QS3);</p> <p>AND</p> <p>(2) Results of tests or third party confirmation of tests that confirms the 30 kW Distribution Box being</p>	

		<p>a. Directly from the 100 kW Distribution Box; or</p> <p>b. Two (2) synchronized 100 Amp, 3 Phase external power sources (independently or simultaneously);</p> <p>vi. Include outputs as follows:</p> <p>a. Four (4) 60 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin &amp; Sleeve Receptacles;</p> <p>b. Two (2) 30 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin &amp; Sleeve Receptacles;</p> <p>c. Two (2) 20 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin &amp; Sleeve Receptacles;</p> <p>d. Two (2) 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, IEC 60309 Pin &amp; Sleeve Receptacles; and</p> <p>e. One (1) NEMA 5-20, 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, GFCI Duplex Receptacle;</p> <p>vii. Include overcurrent protection on all outputs; and</p> <p>viii. Have a size and weight as follows:</p> <p>a. No larger than the following:</p> <p>1. Length: 100 cm (40 in);</p> <p>2. Width: 70 cm (28 in); and</p> <p>3. Height: 40 cm (20 in);</p> <p>b. Weigh no more than 85 kg (190 pounds);</p>	offered operates under the climatic conditions specified.	
4	2.1(d)	<p><u>15 kW Distribution Box</u> - The 15 kW Distribution Box (NSN 6110-01-532-1764) must be the Lex Products Corporation "MEPDIS-R 15KW DIST BOX"(Part# DB-60MA-F22QS3), or equivalent, as follows:</p> <p>i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;</p> <p>ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;</p> <p>iii. Rated to operate at 120 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;</p> <p>iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows:</p> <p>a. Temperature: -51°C to +49°C;</p> <p>b. Humidity: Up to 100%; and</p> <p>c. Solar Radiation, Rain, salt, fog, sand, dust, icing and</p>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide:</p> <p>(1) A Certificate of Compliance that confirms the 15 kW Distribution Box being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R 15KW DIST BOX"(Part# DB-60MA-F22QS3);</p> <p>AND</p>	

		<p>freezing rain;</p> <p>v. Permits input from the following utilizing IEC 60309 Pin &amp; Sleeve inlets:</p> <ul style="list-style-type: none"> <li>a. Directly from the 100 kW Distribution Box;</li> <li>b. Directly from the 30 kW Distribution Box; or</li> <li>c. Two (2) synchronized 60 Amp, 3 Phase external power sources (independently or simultaneously);</li> </ul> <p>vi. Include outputs as follows:</p> <ul style="list-style-type: none"> <li>a. Four (4) 30 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin &amp; Sleeve Receptacles;</li> <li>b. Four (4) 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, IEC 60309 Pin &amp; Sleeve Receptacles; and</li> <li>c. One (1) NEMA 5-20, 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, GFCI Duplex Receptacle;</li> </ul> <p>vii. Include overcurrent protection on all outputs; and</p> <p>viii. Have a size and weight as follows:</p> <ul style="list-style-type: none"> <li>a. No larger than the following: <ul style="list-style-type: none"> <li>1. Length: 70 cm (28 in);</li> <li>2. Width: 60 cm (24 in); and</li> <li>3. Height: 50 cm (20 in);</li> </ul> </li> <li>b. Weigh no more than 45 kg (112 pounds);</li> </ul>	(2) Results of tests or third party confirmation of tests that confirms the 15 kW Distribution Box being offered operates under the climatic conditions specified.	
5	2.1(e)	<p>5 kW Indoor Distribution Box - The 5 kW Indoor Distribution Box (NSN 6110-01-532-1794) must be the Lex Products Corporation "MEPDIS-R 5KW INDOOR BOX (W/ 6 CORDS)"(Part# DB-30NA-AQQ-S3), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;</li> <li>ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;</li> <li>iii. Rated to operate at 30 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;</li> <li>iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows: <ul style="list-style-type: none"> <li>a. Temperature: -51°C to +49°C;</li> <li>b. Humidity: Up to 100%; and</li> </ul> </li> </ul>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide:</p> <p>(1) A Certificate of Compliance that confirms the 5 kW Indoor Distribution Box being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R 5KW INDOOR BOX (W/ 6 CORDS)"(Part# DB-30NA-AQQ-S3);</p> <p>AND</p>	

		<p>c. Solar Radiation, Rain, salt, fog, sand, dust, icing and freezing rain;</p> <p>v. Permits input from the following utilizing IEC 60309 Pin &amp; Sleeve inlets:</p> <p>a. Directly from the 100 kW Distribution Box;</p> <p>b. Directly from the 30 kW Distribution Box; or</p> <p>c. Directly from the 15 kW Distribution Box;</p> <p>vi. Include outputs as follows:</p> <p>a. Nine (9) NEMA 5-20, 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, GFCI Duplex Receptacles;</p> <p>vii. Include overcurrent protection on all outputs;</p> <p>viii. Include six (6) 15 m (50 ft) 10/3 SEOW Extension Cords with two (2) NEMA 5-20 Duplex Receptacles each; and</p> <p>ix. Have a size and weight as follows:</p> <p>a. No larger than the following:</p> <ol style="list-style-type: none"> <li>1. Length: 50 cm (20 in);</li> <li>2. Width: 50 cm (20 in); and</li> <li>3. Height: 40 cm (16 in);</li> </ol> <p>b. Weigh no more than 18 kg (40 pounds) for the box only (without cords);</p>	<p>(2) Results of tests or third party confirmation of tests that confirms the 5 kW Indoor Distribution Box being offered operates under the climatic conditions specified.</p>	
6	2.1(f)	<p>5 kW Outdoor Distribution Box - The 5 kW Outdoor Distribution Box (NSN 6110-01-532-1821) must be the Lex Products Corporation "MEPDIS-R 5KW OUTDOOR BOX (W/ 6 CORDS)"(Part# DB-30NA-A22-S3), or equivalent, as follows:</p> <p>i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;</p> <p>ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;</p> <p>iii. Rated to operate at 30 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;</p> <p>iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows:</p> <ol style="list-style-type: none"> <li>a. Temperature: -51°C to +49°C;</li> <li>b. Humidity: Up to 100%; and</li> <li>c. Solar Radiation, Rain, salt, fog, sand, dust, icing and</li> </ol>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide:</p> <p>(1) A Certificate of Compliance that confirms the 5 kW Outdoor Distribution Box being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R 5KW OUTDOOR BOX (W/ 6 CORDS)"(Part# DB-30NA-A22-S3);</p> <p>AND</p>	

		<p>freezing rain;</p> <p>v. Permits input from the following utilizing IEC 60309 Pin &amp; Sleeve inlets:</p> <p>a. Directly from the 100 kW Distribution Box;</p> <p>b. Directly from the 30 kW Distribution Box; or</p> <p>c. Directly from the 15 kW Distribution Box;</p> <p>vi. Include outputs as follows:</p> <p>a. Six (6) 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, IEC 60309 Pin &amp; Sleeve Receptacles; and</p> <p>b. Three (3) 30 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, IEC 60309 Pin &amp; Sleeve Receptacles;</p> <p>vii. Include overcurrent protection on all outputs;</p> <p>viii. Include six (6) 15 m (50 ft) 10/3 SEOW Extension Cords with two (2) NEMA L5-20 Duplex Receptacles each;</p> <p>ix. Include three spare (3) 30 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, IEC 60309 Pin &amp; Sleeve Plugs; and</p> <p>x. Have a size and weight as follows:</p> <p>a. No larger than the following:</p> <p>1. Length: 50 cm (20 in);</p> <p>2. Width: 50 cm (20 in); and</p> <p>3. Height: 40 cm (16 in);</p> <p>b. Weigh no more than 20 kg (44 pounds) for the box only (without cords);</p>	(2) Results of tests or third party confirmation of tests that confirms the 5 kW Outdoor Distribution Box being offered operates under the climatic conditions specified.	
7	2.1(g)	<p>Cam-Lock Cable Tie-In - The Cam-Lock Cable Tie-In must be the Lex Products Corporation "CAM LOCK TAIL SET 4/0 TYPE W 5W ABCDE-FEM BLNT 10FT"(Part# TS60WF-10), or equivalent, as follows:</p> <p>i. Cam-Type Tie-In Cable Set for connecting 15 kW, 30 kW and 100 kW Distribution Boxes to input source;</p> <p>ii. Rated at 400 Amp, 600 VAC;</p> <p>iii. Cable: Five (5) Cables, 4/0 AWG Type W, 3 m (10 ft) in length;</p> <p>iv. Male End Couplers: Blunt Cable; and</p> <p>a. Female End Couplers: 16 Series Inline (Black, Red, Blue, White, Green);</p>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Cam-Lock Cable Tie-In being offered is equivalent or better in every way to the Lex Products Corporation "CAM LOCK TAIL SET 4/0 TYPE W 5W 10FT"(Part# TS60WF-10).</p>	
8	2.1(h)	<p>Cam-Lock Feeder Cable (25 ft) - The Cam-Lock Feeder Cable (25 ft) (NSN 6150-01-529-7900) must be the Lex Products Corporation "EXTSET</p>	<p><b>Equivalent Only</b></p>	

		MEPDIS-R 25 FT CAM LOCK"(Part# FS60P5W-25), or equivalent, as follows: i. Cam-Type Feeder Cable Set for connecting 100 kW Distribution Box to input source; ii. Rated at 400 Amp, 600 VAC; iii. Cable: 5 Cables, 4/0 AWG Type PPE, 7.6 m (25 ft) in length; iv. Male End Couplers: 16 Series Inline (Black, Red, Blue, White, Green); and v. Female End Couplers: 16 Series Inline (Black, Red, Blue, White, Green);	If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Cam-Lock Feeder Cable (25 ft) being offered is equivalent or better in every way to the Lex Products Corporation "EXTSET MEPDIS-R 25 FT CAM LOCK"(Part# FS60P5W-25).	
9	2.1(i)	50 ft 100 A Cable - The 50 ft 100 A Cable (NSN 6150-01-687-0455) must be the Lex Products Corporation "MEPDIS-R 50FT 100A CABLE"(Part# PF050A-EWJE-PV-PV, or equivalent, as follows: i. IEC 60309 Pin & Sleeve Cable set for connecting 30 kW Distribution Box to 100 kW Distribution Box; ii. Rated at 100 Amp, 4 Pole, 120/208 VAC; iii. Cable: 5 Wire, 2/5 Type W, 15 m (50 ft) in length; iv. Male End Coupler: 5 Wire, IEC 60309 Pin & Sleeve; and v. Female End Coupler: 5 Wire, IEC 60309 Pin & Sleeve;	<b>Equivalent Only</b>  If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 50 ft 100 A Cable being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R 50FT 100A CABLE"(Part# PF050A-EWJE-PV-PV).	
10	2.1(j)	50 ft 30 A Cable - The 50 ft 30 A Cable (NSN 6150-01-529-8428) must be the Lex Products Corporation "MEPDIS-R 50FT 30A CABLE"(Part# PE105SE-50-530), or equivalent, as follows: i. IEC 60309 Pin & Sleeve Cable set for connecting 5 kW Distribution Box to 15 kW, 30 kW or 100 kW Distribution Boxes; ii. Rated at 30 Amp, 4 Pole, 120/208 VAC; iii. Cable: 5 Wire, 10/5 Type SEOW, 15 m (50 ft) in length; iv. Male End Coupler: 5 Wire, IEC 60309 Pin & Sleeve; and v. Female End Coupler: 5 Wire, IEC 60309 Pin & Sleeve;	<b>Equivalent Only</b>  If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 50 ft 30 A Cable being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R 50FT 30A CABLE"(Part# PE105SE-50-530).	
11	2.1(k)	Outdoor Y Cable - The Outdoor Y Cable (NSN 6150-01-540-3519) must be the Lex Products Corporation "MEPDIS-R 5KW OUTDOOR Y EXT"(Part# 2FERQUAD-USMC), or equivalent, as follows:	<b>Equivalent Only</b>  If equivalent components are being	



		<ul style="list-style-type: none"> <li>i. Molded Y-Cable extension cord with duplex receptacles; Rated at 2 Pole, 3 Wire, 20 Amp, 120 VAC;</li> <li>ii. Cable: 10/3 Type SEOW, 30 m (75 ft) in length;</li> <li>iii. Male End Coupler: 20 Amp, 120 VAC, IEC 60309 Pin &amp; Sleeve; and</li> <li>iv. Female Receptacle Ends (2): 20 Amp, 120 VAC Duplex Receptacles (each end);</li> <li>v.</li> </ul>	<p>offered, the Bidder must provide a Certificate of Compliance that confirms the Outdoor Y Cable being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R 5KW OUTDOOR Y EXT"(Part# 2FERQUAD-USMC).</p> <p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 50 ft 60 A Feeder Cable being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R 50FT 60A CABLE"(Part# PE6/5P-50-560).</p>	
12	2.1(l)	<p>50 ft 60 A Feeder Cable - The 50 ft 60 A Feeder Cable (NSN 6105-01-529-7674) must be the Lex Products Corporation "MEPDIS-R 50FT 60A CABLE"(Part# PE6/5P-50-560), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. IEC 60309 Pin &amp; Sleeve Cable set for connecting 15 kW Distribution Box to 30 kW or 100 kW Distribution Boxes;</li> <li>ii. Rated at 60 Amp, 4 Pole, 120/208 VAC;</li> <li>iii. Cable: 5 Wire, 6/5 Type PPE, 15 m (50 ft) in length;</li> <li>iv. Male End Coupler: 5 Wire, IEC 60309 Pin &amp; Sleeve; and</li> <li>v. Female End Coupler: 5 Wire, IEC 60309 Pin &amp; Sleeve;</li> <li>vi.</li> </ul>	<p><b>Equivalent Only</b></p> <p>If an equivalent Spare Parts/Tools Kit is being offered, the Bidder must provide a Certificate of Compliance that confirms the Spare Parts/Tools Kit being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R CAM SPARE PARTS/TOOL KIT"(Part# KIT-SERIES16).</p>	
13	2.1(m)	<p>Spare Parts/Tools Kit - The Spare Parts/Tools Kit (NSN 5999-01-534-6389) must be the Lex Products Corporation "MEPDIS-R CAM SPARE PARTS/TOOL KIT"(Part# KIT-SERIES16), or equivalent, Cam-Type Coupler repair kit, contained within a duffel-style bag, including the components specified in Annex B;</p>	<p><b>Equivalent Only</b></p> <p>If an equivalent Spare Parts/Tools Kit is being offered, the Bidder must provide a Certificate of Compliance that confirms the Spare Parts/Tools Kit being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R CAM SPARE PARTS/TOOL KIT"(Part# KIT-SERIES16).</p>	
14	2.1(n)	<p><u>3-Receptacle Extension Cord (25 ft)</u> - The 3-Receptacle Extension Cord (25 ft) must be the Lex Products Corporation "E-STRING 515 3 RECEP 25FT"(Part# 50123B), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. Three (3) receptacle extension cord (black);</li> <li>ii. Rated at 20 Amp, 125 VAC;</li> <li>iii. Cable: 12 AWG 3 Wire STW, 7.5 m (25 ft) in length;</li> <li>iv. Plug: NEMA 5-15; and</li> </ul>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 3-Receptacle Extension Cord (25 ft) being offered is</p>	

		<p>v. Receptacles as follows:</p> <ol style="list-style-type: none"> <li>Single NEMA 5-15 injection molded (receptacle boxes are not acceptable);</li> <li>Two (2) spaced at 2.4-2.7 m (8-9 ft) along the length of the cord and the third at the end opposite the plug; and</li> </ol> <p>Integral LED power indicator;</p> <p><u>6- Receptacle Extension Cord (50 ft) - The 6-Receptacle Extension Cord (50 ft) must be the Lex Products Corporation "E-STRING 520 6 RECEP 50FT"(Part# 50112BA), or equivalent, as follows:</u></p> <ol style="list-style-type: none"> <li>Six (6) receptacle extension cord (black);</li> <li>Rated at 20 Amp, 125 VAC;</li> <li>Cable: 12 AWG 3 Wire STW, 15 m (50 ft) in length;</li> <li>Plug: NEMA 5-20; and</li> <li>Receptacles as follows: <ol style="list-style-type: none"> <li>Single NEMA 5-15 injection molded (receptacle boxes are not acceptable);</li> <li>Five (5) spaced at 2.7-3.0 m (9-10 ft) along the length of the cord and the sixth at the end opposite the plug; and</li> </ol> </li> <li>Integral LED power indicator;</li> </ol>	<p>equivalent or better in every way to the Lex Products Corporation "E-STRING 515 3 RECEP 25FT"(Part# 50123B);</p>	
15	2.1(o)		<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 6-Receptacle Extension Cord (50 ft) being offered is equivalent or better in every way to the Lex Products Corporation "E-STRING 520 6 RECEP 50FT"(Part# 50112BA).</p>	
16	2.1(p)	<p>Portable Work Light - The Portable Work Light must be the Lex Products Corporation "T5 LAMP FLORESCENT PORTABLE WORK LIGHT"(Part# B6700-FL-Y), or equivalent, as follows:</p> <ol style="list-style-type: none"> <li>8200 Lumen portable work light, nominal 120 VAC (277 VAC maximum), 50/60 Hz;</li> <li>Rugged aluminum frame, polycarbonate shell/lens and polyurethane caps and lamp holders;</li> <li>Water resistant for use in wet locations;</li> <li>Includes two (2) straps for suspending the light horizontally or vertically;</li> <li>Lamps: Three (3) 40 Watt florescent T5;</li> <li>Input Cord: 3 Wire, SJOOW, 4.6 m (15 ft) in length, NEMA 5-15 Plug; and <ol style="list-style-type: none"> <li>Feed-Through Cord: 3 Wire, SJOOW, 30 cm (1 ft) in length, NEMA 5-15 Receptacle;</li> </ol> </li> </ol>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Portable Work Light being offered is equivalent or better in every way to the Lex Products Corporation "T5 LAMP FLORESCENT PORTABLE WORK LIGHT "(Part# B6700-FL-Y).</p>	



17	2.1(q)	<p><u>Portable Work Light (Emergency Backup)</u> - The Portable Work Light (Emergency Backup) must be the Lex Products Corporation "T5 LAMP FLORESCENT PORTABLE WORK LIGHT, BATT"(Part# B6700-EM-B), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. 8200 Lumen portable work light, nominal 120 VAC (277 VAC maximum), 50/60 Hz;</li> <li>ii. Rugged aluminum frame, polycarbonate shell/lens and polyurethane caps and lamp holders;</li> <li>iii. Water resistant for use in wet locations;</li> <li>iv. Includes two (2) straps, minimum 150 cm (5 ft) in length, for suspending the light horizontally or vertically;</li> <li>v. Includes an internal rechargeable battery as follows: <ul style="list-style-type: none"> <li>a. Automatically recharges when connected to a power source; and</li> <li>b. When disconnected from power source provides a minimum of sixty (60) minutes of use;</li> </ul> </li> <li>vi. Lamps: Three (3) 40 Watt florescent T5;</li> <li>vii. Input Cord: 3 Wire, SJOOW, 4.6 m (15 ft) in length, NEMA 5-15 Plug; and <ul style="list-style-type: none"> <li>a. Feed-Through Cord: 3 Wire, SJOOW, 30 cm (1 ft) in length, NEMA 5-15 Receptacle;</li> </ul> </li> </ul>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Portable Work Light (Emergency Backup) being offered is equivalent or better in every way to the Lex Products Corporation "WORKLIGHT (3) T5 LAMPS, 3FT YEL, BATT"(Part# B6700-EM-B).</p>	
18	2.1(r)	<p><u>Channel Crossover</u> - The Channel Crossover must be the Lex Products Corporation "LEX S CHANNEL CROSSOVER"(Part# PRC-5-BK), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. Heavy duty, non-conductive polyurethane cable cross-over protectors for pedestrian and vehicle traffic areas;</li> <li>ii. Minimum load capacity 7000 kg (15400 pounds) per tire at 21°C;</li> <li>iii. Operates in temperatures ranging from -40°C to +48°C;</li> <li>iv. External tread or non-slip surface for traction;</li> <li>v. Includes a base (black) and hinged/removable lid (black) to provide access to cables/hoses;</li> <li>vi. Interconnects on each end to permit daisy-chaining for extended runs;</li> <li>vii. Five (5) channels for minimum 3 cm (1.2 in) diameter cables/hoses;</li> </ul>	<p><b>Equivalent Only</b></p> <p>If an equivalent Channel Crossover is being offered, the Bidder must provide a Certificate of Compliance that confirms the Channel Crossover being offered is equivalent or better in every way to the Lex Products Corporation "LEX S CHANNEL CROSSOVER"(Part# PRC-5-BK).</p>	

		<p>viii. Have a size and weight as follows:</p> <ol style="list-style-type: none"> <li>a. Nominal sizes (<math>\pm 5\%</math>) as follows: <ol style="list-style-type: none"> <li>1. Length: 90 cm (35 in);</li> <li>2. Width: 50 cm (20 in); and</li> <li>3. Height: 5 cm (2 in);</li> </ol> </li> <li>ix. Weigh no more than 12.5 kg (27.5 pounds);</li> </ol>		
19	2.1(s)	<p>Watertight Extension Cable 50 ft - The Watertight Extension Cable 50 ft must be the Lex Products Corporation "B6700 EXT 12/3 50FT WTRTGHT"(Part# PE7000-50-515-WG), or equivalent, as follows:</p> <ol style="list-style-type: none"> <li>x. Edison (Industrial Rated) Extension cord (black);</li> <li>xi. Rated at 15 Amp, 125 VAC, 2 Pole, 3 Wire;</li> <li>xii. Cable: 12/3 SOW-A, 15 m (50 ft) in length;</li> <li>xiii. Plug: NEMA 5-15P; and</li> <li>a. Receptacle: Single NEMA 5-15R;</li> </ol>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Watertight Extension Cable 50 ft being offered is equivalent or better in every way to the Lex Products Corporation "B6700 EXT 12/3 50FT WTRTGHT"(Part# PE7000-50-515-WT).</p>	
20	2.1(t)	<p>30 kW ECU Distribution Box - The 30 kW Environmental Control Unit Distribution Box (NSN 6110-20-011-3700) must be the Lex Products Corporation "MEPDIS-R "BOO Box"30KW"(NSN 6100-01-586-2426) (Part# DB100MA-P1021Q-01S3), or equivalent, with upgraded breakers (60 Amp) as follows:</p> <ol style="list-style-type: none"> <li>i. Certified for use in Canada by the Electrical Safety Authority (ESA) and have an ESA ESAFE label as proof of compliance;</li> <li>ii. Insulated molded rubber enclosure that provides impact, weather, chemical exposure and shock resistance;</li> <li>iii. Rated to operate at 100 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC and 50/60 Hz;</li> <li>iv. Operate under the climatic conditions A1 to A3, B1 to B3, and C1 to C3 in accordance with MIL-STD-810F as follows: <ol style="list-style-type: none"> <li>a. Temperature: -51°C to +49°C;</li> <li>b. Humidity: Up to 100%; and</li> <li>c. Solar Radiation, Rain, salt, fog, sand, dust, icing and freezing rain;</li> </ol> </li> </ol>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide:</p> <p>(1) A Certificate of Compliance that confirms the 30 kW ECU Distribution Box being offered is equivalent or better in every way to the Lex Products Corporation "MEPDIS-R "BOO Box"30KW"(Part# DB100MA-P1021Q-01S3);</p> <p>AND</p> <p>(2) Results of tests or third party confirmation of tests that confirms</p>	

		<p>v. Permits input from the following utilizing IEC 60309 Pin &amp; Sleeve inlets:</p> <ul style="list-style-type: none"> <li>a. Directly from the 100 kW Distribution Box; or</li> <li>b. One (1) 100 Amp, 3 Phase external power source;</li> </ul> <p>vi. Include outputs as follows:</p> <ul style="list-style-type: none"> <li>a. Four (4) 60 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin &amp; Sleeve Receptacles;</li> <li>b. Six (6) 30 Amp, 3 Phase, 4 Pole, 5 Wire, 120/208 VAC, IEC 60309 Pin &amp; Sleeve Receptacles; and</li> <li>c. One (1) NEMA 5-20, 20 Amp, Single Phase, 2 Pole, 3 Wire, 120 VAC, GFCI Duplex Receptacle;</li> </ul> <p>vii. Include overcurrent protection on all outputs; and</p> <p>viii. Have a size and weight as follows:</p> <ul style="list-style-type: none"> <li>a. No larger than the following: <ul style="list-style-type: none"> <li>1. Length: 100 cm (40 in);</li> <li>2. Width: 70 cm (28 in); and</li> <li>3. Height: 40 cm (20 in);</li> </ul> </li> <li>b. Weigh no more than 85 kg (190 pounds);</li> </ul> <p>ix.</p>	the 30 kW ECU Distribution Box being offered operates under the climatic conditions specified.	
21	2.1(u)	<p><u>Pin &amp; Sleeve MIL STD Adapter</u> - The Pin &amp; Sleeve MIL STD Adapter must be the Lex Products Corporation "PIN &amp; SLEEVE MIL STD ADAPTER "(Part# ADP560-MIL), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. IEC 60309 Pin &amp; Sleeve to MIL-DTL-22992 Adapter Cable set for connecting 30 kW ECU Distribution Box to Environmental Control Units;</li> <li>ii. Rated at 60 Amp, 4 Pole, 120/208 VAC;</li> <li>iii. Cable: 5 Wire, 6/5 Type PPE, 90 cm (3 ft) in length;</li> <li>iv. Male End Coupler: IEC 60309 Pin &amp; Sleeve; and</li> </ul> <p>Female End Coupler: MIL-DTL-22992 injection molded Type L;</p>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Pin &amp; Sleeve MIL STD Adapter being offered is equivalent or better in every way to the Lex Products Corporation "PIN &amp; SLEEVE MIL STD ADAPTER "(Part# ADP560-MIL).</p>	
22	2.1(v)	<p><u>Pull Handle</u> - The Pull Handle (NSN 5340-01-549-1899) must be the Davies Molding "Pull Handle "(Part# RG-1S.160.84), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. Length: 194 mm (7.63 in);</li> <li>ii. Height: 52 mm (2.05 in);</li> <li>iii. Centers: 160 mm (6.30 in);</li> <li>iv. Material: Thermoplastic;</li> </ul>	<p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Davies Molding "Pull Handle"(Part # RG-1S.160.84) in</p>	

		<p>v. Mounting Thread: M8; vi. Mounting Type: Thru-Hole; and vii. Color: Black;</p>	<p>accordance with the requirements specified in Section 2.1(v);</p> <p>OR</p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Pull Handle being provided is equivalent or better in every way to the Davies Molding "Pull Handle"(Part # RG-1S.160.84).</p>	
23	2.1(w)	<p><u>Handle Spacer</u> - The Handle Spacer (NSN 5340-01-549-1904) must be the Lex Products Corporation "HDPE Handle Spacer "(Part#HNDL-SPACER), or equivalent, as follows:</p> <ol style="list-style-type: none"> <li>High-Density Poly-Ethylene; and</li> <li>Insulated spacer for use with the Pull Handle on the top of the 100 kW Distribution Box;</li> </ol>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Handle Spacer being offered is equivalent or better in every way to the Lex Products Corporation "HDPE Handle Spacer"(Part# HNDL-SPACER).</p>	
24	2.1(x)	<p><u>Input Connector</u> - The Input Connector must be the Hubbell "Watertight IEC Pin and Sleeve Inlet"(Part# HBL530B9W), or equivalent, as follows:</p> <ol style="list-style-type: none"> <li>30 Amp, 3 Phase Y, 120/208 VAC, 4 Pole, 5 Wire Watertight Inlet;</li> <li>Insulated thermoplastic housing - blue;</li> <li>Solid one-piece IEC 60309 pins;</li> <li>Sequential contact to prevent momentary over-voltage; and</li> <li>Certified for current interrupting at full rated current;</li> </ol>	<p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Hubbell "Watertight IEC Pin and Sleeve Inlet"(Part# HBL530B9W) in accordance with the requirements specified in Section 2.1(x);</p> <p>OR</p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that</p>	

			confirms the Input Connector being provided is equivalent or better in every way to the Hubbell "Watertight IEC Pin and Sleeve Inlet" (Part# HBL530B9W).	
25	2.1(y)	<p><u>20 A Single Phase Outlet</u> - The 20 A Single Phase Outlet (NSN 5935-01-363-1329) must be the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL320R4W-MIL), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. 20 Amp, 125 VAC, 2 Pole, 3 Wire Watertight Receptacle;</li> <li>ii. Insulated thermoplastic housing - yellow;</li> <li>iii. Self-closing gasketed cover;</li> <li>iv. Sequential contact to prevent momentary over-voltage;</li> <li>v. Certified for current interrupting at full rated current; and</li> <li>vi. IEC 60309 pin receptacles (3);</li> </ul>	<p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL320R4W-MIL) in accordance with the requirements specified in Section 2.1(y);</p> <p>OR</p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 20 A Single Phase Outlet being provided is equivalent or better in every way to the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL320R4W-MIL).</p>	
26	2.1(z)	<p><u>30 A Single Phase Outlet</u> - The 30 A Single Phase Outlet (NSN 5935-01-308-4039) must be the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL330R4W), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. 30 Amp, 125 VAC, 2 Pole, 3 Wire Watertight Receptacle;</li> <li>ii. Insulated thermoplastic housing - yellow;</li> <li>iii. Self-closing gasketed cover;</li> <li>iv. Sequential contact to prevent momentary over-voltage;</li> <li>v. Certified for current interrupting at full rated current; and</li> <li>vi. IEC 60309 pin receptacles (3);</li> </ul>	<p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL330R4W) in accordance with the requirements specified in Section 2.1(z);</p>	

27	2.1(aa)	<p>Outdoor Cord Sets - The Outdoor Cord Sets (NSN 6150-01-530-7352) must be the Lex Products "Outdoor Cable Assembly" (Part# DB20QD50SEPS), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. Extension cord with duplex receptacle;</li> <li>ii. Rated at 2 Pole, 3 Wire, 20 Amp, 120 VAC;</li> <li>iii. Cable: 10/3 Type SEOW, 15 m (50 ft) in length;</li> <li>iv. Male End Coupler: 20 Amp, 120 VAC, IEC 80309 Pin &amp; Sleeve; and</li> <li>v. Female Receptacle End: One (1) box with two (2) 20 Amp, 120 VAC Duplex Receptacles;</li> </ul>	<p>OR</p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 30 A Single Phase Outlet being provided is equivalent or better in every way to the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL330R4W).</p> <p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Outdoor Cord Sets being offered is equivalent or better in every way to the Lex Products Corporation "Outdoor Cable Assembly" (Part# DB20QD50SEPS).</p>	
28	2.1(bb)	<p>30 A Single Phase Plug, Spare - The 30 A Single Phase Plug, Spare must be the Hubbell "Watertight IEC Pin and Sleeve Mating Plug" (Part# HBL330P4W), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. 30 Amp, 125 VAC, 2 Pole, 3 Wire Watertight Plug;</li> <li>ii. Insulated thermoplastic housing - yellow;</li> <li>iii. Solid one-piece IEC 60309 pins; and</li> <li>iv. Sequential contact to prevent momentary over-voltage;</li> </ul>	<p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Hubbell "Watertight IEC Pin and Sleeve Mating Plug" (Part# HBL330P4W) in accordance with the requirements specified in Section 2.1(bb);</p> <p>OR</p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that</p>	

29	2.1(cc)	<p><u>20 A Single Phase Duplex Outlet GFCI</u> - The 20 A Single Phase Duplex Outlet GFCI must be the Hubbell "Ground Fault Receptacle" (Part# GF20BK), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. 20 Amp, 125 VAC, 60 Hz self test GFCI receptacle;</li> <li>ii. Nylon face and base, brass contacts, steel mounting strap;</li> <li>iii. Certified for current interrupt at full rated current;</li> <li>iv. Operating Temperature: -35°C to +66°C; and</li> <li>v. Color: Black;</li> </ul>	<p>confirms the 30 A Single Phase Plug, Spare being provided is equivalent or better in every way to the Hubbell "Watertight IEC Pin and Sleeve Mating Plug" (Part# HBL330P4W).</p> <p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Hubbell "Ground Fault Receptacle" (Part# GF20BK) in accordance with the requirements specified in Section 2.1(cc);</p> <p>OR</p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 20 A Single Phase Duplex Outlet GFCI being provided is equivalent or better in every way to the Hubbell "Ground Fault Receptacle" (Part# GF20BK).</p>	<p>confirms the 30 A Single Phase Plug, Spare being provided is equivalent or better in every way to the Hubbell "Watertight IEC Pin and Sleeve Mating Plug" (Part# HBL330P4W).</p>	
30	2.1(dd)	<p><u>Cover, GFCI WP</u> - The Cover, GFCI WP (NSN 5975-01-549-1923) must be the Hubbell "Waterproof Cover for Duplex, GFCI" (Part# HBL5221M1), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. Thermoplastic construction with stainless steel spring;</li> <li>ii. Duplex opening wallplate; and</li> <li>iii. Waterproof self-closing cover with neoprene gasket;</li> </ul>	<p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Hubbell "Waterproof Cover for Duplex, GFCI" (Part# HBL5221M1) in accordance with the requirements specified in Section 2.1(dd);</p> <p>OR</p>		



			<p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Cover, GFCI WP being provided is equivalent or better in every way to the Hubbell "Waterproof Cover for Duplex, GFCI"(Part# HBL5221M1).</p>	
31	2.1(ee)	<p><u>Indoor Cord Sets</u> - The Indoor Cord Sets (NSN 6150-01-530-1960) must be the Lex Products "Indoor Cable Assembly"(Part# DB20QD50SE515W), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. Extension cord with duplex receptacle;</li> <li>ii. Rated at 2 Pole, 3 Wire, 15 Amp, 120 VAC;</li> <li>iii. Cable: 10/3 Type SEOW, 15 m (50 ft) in length;</li> <li>iv. Male End Coupler: 15 Amp, 120 VAC, NEMA 5-15; and</li> <li>v. Female Receptacle End: One (1) box with two (2) 20 Amp, 120 VAC Duplex Receptacles;</li> </ul>	<p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Indoor Cord Sets being offered is equivalent or better in every way to the Lex Products Corporation "Indoor Cable Assembly"(Part# DB20QD50SE515W).</p>	
32	2.1(ff)	<p><u>60 A Three Phase Input Connector</u> - The 60 A Three Phase Input Connector (NSN 5935-01-234-7200) must be the Hubbell "Watertight IEC Pin and Sleeve Inlet"(Part# HBL560B9W), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. 60 Amp, 3 Phase Y, 120/208 VAC, 4 Pole, 5 Wire Watertight Inlet;</li> <li>ii. Insulated thermoplastic housing - blue;</li> <li>iii. Solid one-piece IEC 60309 pins;</li> <li>iv. Sequential contact to prevent momentary over-voltage; and</li> <li>v. Certified for current interrupting at full rated current;</li> </ul>	<p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Hubbell "Watertight IEC Pin and Sleeve Inlet"(Part# HBL560B9W) in accordance with the requirements specified in Section 2.1(ff);</p> <p>OR</p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 60 A Three Phase Input Connector being provided is equivalent or better in every way to</p>	



33	2.1(gg)	<p><u>30 A Three Phase Outlet</u> - The 30 A Three Phase Outlet (NSN 5935-01-220-3043) must be the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL530R9W), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. 30/32 Amp, 3 Phase, 120/208 VAC, 4 Pole, 5 Wire Watertight Receptacle;</li> <li>ii. Insulated thermoplastic housing - blue;</li> <li>iii. Self-closing gasketed cover;</li> <li>iv. Sequential contact to prevent momentary over-voltage;</li> <li>v. Certified for current interrupting at full rated current; and</li> <li>vi. IEC 60309 pin receptacles (5);</li> </ul>	<p>the Hubbell "Watertight IEC Pin and Sleeve Inlet" (Part# HBL560B9W).</p> <p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL530R9W) in accordance with the requirements specified in Section 2.1(gg);</p> <p>OR</p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 30 A Three Phase Outlet being provided is equivalent or better in every way to the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL530R9W).</p>	
34	2.1(hh)	<p><u>100 A Three Phase Input Connector</u> - The 100 A Three Phase Input Connector (NSN 5935-01-361-4165) must be the Hubbell "Watertight IEC Pin and Sleeve Inlet" (Part# HBL5100B9W), or equivalent, as follows:</p> <ul style="list-style-type: none"> <li>i. 100 Amp, 3 Phase Y, 120/208 VAC, 4 Pole, 5 Wire Watertight Inlet;</li> <li>ii. Insulated thermoplastic housing - blue;</li> <li>iii. Solid one-piece IEC 60309 pins;</li> <li>iv. Sequential contact to prevent momentary over-voltage; and</li> <li>v. Certified for current interrupting at full rated current;</li> </ul>	<p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Hubbell "Watertight IEC Pin and Sleeve Inlet" (Part# HBL5100B9W) in accordance with the requirements specified in Section 2.1(hh);</p> <p>OR</p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that</p>	

35	2.1(ii)	<p><u>60 A Three Phase Outlet</u> - The 60 A Three Phase Outlet (NSN 5935-01-361-4166) must be the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL560R9W), or equivalent, as follows:</p> <ol style="list-style-type: none"> <li>60 Amp, 3 Phase, 120/208 VAC, 4 Pole, 5 Wire Watertight Receptacle;</li> <li>Insulated thermoplastic housing - blue;</li> <li>Self-closing gasketed cover;</li> <li>Sequential contact to prevent momentary over-voltage;</li> <li>Certified for current interrupting at full rated current; and</li> <li>IEC 60309 pin receptacles (5);</li> </ol>	<p>confirms the 100 A Three Phase Input Connector being provided is equivalent or better in every way to the Hubbell "Watertight IEC Pin and Sleeve Inlet" (Part# HBL5100B9W).</p> <p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL560R9W) in accordance with the requirements specified in Section 2.1(ii);</p> <p>OR</p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 60 A Three Phase Outlet being provided is equivalent or better in every way to the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL560R9W).</p>	
36	2.1(ji)	<p><u>20 A Three Phase Outlet</u> - The 20 A Three Phase Outlet (NSN 5935-01-220-5155) must be the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL520R9W), or equivalent, as follows:</p> <ol style="list-style-type: none"> <li>20 Amp, 3 Phase, 120/208 VAC, 4 Pole, 5 Wire Watertight Receptacle;</li> <li>Insulated thermoplastic housing - blue;</li> <li>Self-closing gasketed cover;</li> <li>Sequential contact to prevent momentary over-voltage;</li> <li>Certified for current interrupting at full rated current; and</li> <li>IEC 60309 pin receptacles (5);</li> </ol>	<p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Hubbell "Watertight IEC Pin and Sleeve Receptacle" (Part# HBL520R9W) in accordance with the requirements specified in Section 2.1(ji);</p> <p>OR</p>	

			<p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 20 A Three Phase Outlet being provided is equivalent or better in every way to the Hubbell "Watertight IEC Pin and Sleeve Receptacle"(Part# HBL520R9W).</p> <p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Hubbell "Watertight IEC Pin and Sleeve Receptacle"(Part# HBL5100R9W) in accordance with the requirements specified in Section 2.1(kk);</p> <p>OR</p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the 100 A Three Phase Outlet being provided is equivalent or better in every way to the Hubbell "Watertight IEC Pin and Sleeve Receptacle"(Part# HBL5100R9W).</p> <p><b>Equivalent Only</b></p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Covers being offered are equivalent or better in every way</p>												
37	2.1(kk)	<p><u>100 A Three Phase Outlet</u> - The 100 A Three Phase Outlet (NSN 5935-01-362-7909) must be the Hubbell "Watertight IEC Pin and Sleeve Receptacle"(Part# HBL5100R9W), or equivalent, as follows:</p> <ul style="list-style-type: none"><li>i. 100 Amp, 3 Phase Y, 120/208 VAC, 4 Pole, 5 Wire Watertight Receptacle;</li><li>ii. Insulated thermoplastic housing - blue;</li><li>iii. Self-closing gasketed cover;</li><li>iv. Sequential contact to prevent momentary over-voltage;</li><li>v. Certified for current interrupting at full rated current; and</li><li>vi. IEC 60309 pin receptacles (5);</li></ul>													
38	2.1(ll)	<p><u>Covers</u> - The covers must be Lex Products covers for the distribution box inlets and outlets as follows:</p> <table><tr><th>Description</th><th>NSN</th><th>Part#</th><th>Distribution Box</th></tr><tr><td>Input Cover</td><td>5935-01-555-8409</td><td>PC530-ASY</td><td>5 kW</td></tr><tr><td>Polyester Cover</td><td>5925-01-556-</td><td>A31-DTCOV-</td><td>15 kW</td></tr></table>	Description	NSN	Part#	Distribution Box	Input Cover	5935-01-555-8409	PC530-ASY	5 kW	Polyester Cover	5925-01-556-	A31-DTCOV-	15 kW	
Description	NSN	Part#	Distribution Box												
Input Cover	5935-01-555-8409	PC530-ASY	5 kW												
Polyester Cover	5925-01-556-	A31-DTCOV-	15 kW												

[illegible]

			<table><tr><th>Description</th><th>NSN</th><th>Part#</th></tr><tr><td>Cam, Male, Black</td><td>3040-01-549-1983</td><td>CL40MRSBML-A</td></tr><tr><td>Cam, Male, White</td><td>3040-01-549-1985</td><td>CL40MRSBML-B</td></tr><tr><td>Cam, Male, Red</td><td>3040-01-549-1992</td><td>CL40MRSBML-C</td></tr><tr><td>Cam, Male, Blue</td><td>3040-01-549-2114</td><td>CL40MRSBML-D</td></tr><tr><td>Cam, Male, Green</td><td>3040-01-549-2000</td><td>CL40MRSBML-E</td></tr></table> <p>v.</p>	Description	NSN	Part#	Cam, Male, Black	3040-01-549-1983	CL40MRSBML-A	Cam, Male, White	3040-01-549-1985	CL40MRSBML-B	Cam, Male, Red	3040-01-549-1992	CL40MRSBML-C	Cam, Male, Blue	3040-01-549-2114	CL40MRSBML-D	Cam, Male, Green	3040-01-549-2000	CL40MRSBML-E	Section 2.1(nn);  OR  If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Cams, Male being provided are equivalent or better in every way to the Marinco Cam, Male "CL 16 Series Panel Mounts" specified in Section 2.1(nn).	
Description	NSN	Part#																					
Cam, Male, Black	3040-01-549-1983	CL40MRSBML-A																					
Cam, Male, White	3040-01-549-1985	CL40MRSBML-B																					
Cam, Male, Red	3040-01-549-1992	CL40MRSBML-C																					
Cam, Male, Blue	3040-01-549-2114	CL40MRSBML-D																					
Cam, Male, Green	3040-01-549-2000	CL40MRSBML-E																					
41	2.1(oo)	<p>Cam, Female - The Cam, Female must be the Marinco "CL 16 Series Panel Mounts", or equivalent, as follows:</p> <ul style="list-style-type: none"><li>i. 1.25"Stud, Extended Shoulder, Female Panel Mount;</li><li>ii. 400 Amp, 600 V AC/DC;</li><li>iii. Nylon housing with brass contact; and</li><li>iv. Part numbers as follows:</li></ul> <table><tr><th>Description</th><th>NSN</th><th>Part#</th></tr><tr><td>Cam, Female, Black</td><td>3040-01-549-2004</td><td>CL40FRSBML-A</td></tr><tr><td>Cam, Female, White</td><td>3040-01-549-2017</td><td>CL40FRSBML-B</td></tr><tr><td>Cam, Female, Red</td><td>3040-01-549-2068</td><td>CL40FRSBML-C</td></tr><tr><td>Cam, Female, Blue</td><td>3040-01-549-1872</td><td>CL40FRSBML-D</td></tr><tr><td>Cam, Female, Green</td><td>3040-01-549-1874</td><td>CL40FRSBML-E</td></tr></table>	Description	NSN	Part#	Cam, Female, Black	3040-01-549-2004	CL40FRSBML-A	Cam, Female, White	3040-01-549-2017	CL40FRSBML-B	Cam, Female, Red	3040-01-549-2068	CL40FRSBML-C	Cam, Female, Blue	3040-01-549-1872	CL40FRSBML-D	Cam, Female, Green	3040-01-549-1874	CL40FRSBML-E	<p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide the Marinco Cam, Female "CL 16 Series Panel Mounts" in accordance with the requirements specified in Section 2.1(oo);</p> <p>OR</p> <p>If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Cams, Female being provided are equivalent or better in every way to the Marinco Cam, Female "CL 16 Series Panel Mounts" specified in Section 2.1(oo).</p>		
Description	NSN	Part#																					
Cam, Female, Black	3040-01-549-2004	CL40FRSBML-A																					
Cam, Female, White	3040-01-549-2017	CL40FRSBML-B																					
Cam, Female, Red	3040-01-549-2068	CL40FRSBML-C																					
Cam, Female, Blue	3040-01-549-1872	CL40FRSBML-D																					
Cam, Female, Green	3040-01-549-1874	CL40FRSBML-E																					
42	2.1(pp)	<p>(b) <u>Cam Cover</u> - The Cam Cover must be the Marinco "Surface Mount Cover", or equivalent, as follows:</p> <ul style="list-style-type: none"><li>i. For 400 Amp Surface mounted Panel Mounts;</li><li>ii. NEMA 1 rated;</li></ul>	<p><b>All Bidders</b></p> <p>The Bidder must provide Written Confirmation that they will provide</p>																				

	<div>iii. Snap Back Cover; and iv. Part numbers as follows:</div> <table><tr><th>Description</th><th>NSN</th><th>Part#</th></tr><tr><td>Cam Cover, Black</td><td>5340-01-549-1881</td><td>CL40WTC-L-125A</td></tr><tr><td>Cam Cover, White</td><td>5340-01-549-1887</td><td>CL40WTC-L-125B</td></tr><tr><td>Cam Cover, Red</td><td>5340-01-549-1890</td><td>CL40WTC-L-125C</td></tr><tr><td>Cam Cover, Blue</td><td>5340-01-549-0174</td><td>CL40WTC-L-125D</td></tr><tr><td>Cam Cover, Green</td><td>5340-01-549-1981</td><td>CL40WTC-L-125E</td></tr></table>	Description	NSN	Part#	Cam Cover, Black	5340-01-549-1881	CL40WTC-L-125A	Cam Cover, White	5340-01-549-1887	CL40WTC-L-125B	Cam Cover, Red	5340-01-549-1890	CL40WTC-L-125C	Cam Cover, Blue	5340-01-549-0174	CL40WTC-L-125D	Cam Cover, Green	5340-01-549-1981	CL40WTC-L-125E	<div>the Maringo "Surface Mount Cover" Cam Covers in accordance with the requirements specified in Section 2.1(pp);  OR  If equivalent components are being offered, the Bidder must provide a Certificate of Compliance that confirms the Cam Covers being provided are equivalent or better in every way to the Maringo "Surface Mount Cover" Cam Covers specified in Section 2.1(pp).</div>	
Description	NSN	Part#																			
Cam Cover, Black	5340-01-549-1881	CL40WTC-L-125A																			
Cam Cover, White	5340-01-549-1887	CL40WTC-L-125B																			
Cam Cover, Red	5340-01-549-1890	CL40WTC-L-125C																			
Cam Cover, Blue	5340-01-549-0174	CL40WTC-L-125D																			
Cam Cover, Green	5340-01-549-1981	CL40WTC-L-125E																			

W6399-22LG70/A - Annex D - Basis of Payment								
Item #	Item Description	Offered Unit Price (CAD - Year 1)	Offered Unit Price (CAD - Year 2)	Offered Unit Price (CAD - Year 3)	Offered Unit Price (CAD - Option Year 1)	Offered Unit Price (CAD - Option Year 2)	Offered Delivery (days or weeks)	Delivery Destination
001	300 kW Distribution Box							Ontario (Locations in Annex A)
	Part #: DB350MA-P2WQS3 Manuf: Lex Products							
	Or Equivalent Offered Part#: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)		
	Offered Manu.: _____							
002	100 kW Distribution Box							Ontario (Locations in Annex A)
	Part #: DB350MA-P2WAS3 Manuf: Lex Products							
	Or Equivalent Offered Part#: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)		
	Offered Manu.: _____							
003	30 kW Distribution Box							Ontario (Locations in Annex A)
	Part #: DB100MA-P22QS3 Manuf: Lex Products							
	Or Equivalent Offered Part#: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)		
	Offered Manu.: _____							
004	15 kW Distribution Box							Ontario (Locations in Annex A)
	Part #: DB-60MA-F22QS3 Manuf: Lex Products							
	Or Equivalent Offered Part#: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)		
	Offered Manu.: _____							
	5 kW Indoor Distribution Box							

005	Part #: DB-30NA-AQQ-S3 Manuf: Lex Products Or Equivalent Offered Part#: _____ Offered Manu.: _____ 5 kW Outdoor Distribution Box	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
006	Part #: DB-30NA-A22-S3 Manuf: Lex Products Or Equivalent Offered Part#: _____ Offered Manu.: _____ Cam-Lock Cable Tie-In	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
007	Part #: TS60WF-10 Manuf: Lex Products Or Equivalent Offered Part#: _____ Offered Manu.: _____ Cam-Lock Feeder Cable (25 ft)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
008	Part #: FS60P5W-25 Manuf: Lex Products Or Equivalent Offered Part#: _____ Offered Manu.: _____ 50 ft 100 A Cable	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
009	Part #: PF050A-EWJE-PV-PV Manuf: Lex Products Or Equivalent Offered Part#: _____ Offered Manu.: _____ 50 ft 30 A Cable	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)



010	Part #: PE105SE-50-530 Manuf: Lex Products Or Equivalent Offered Part#: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
	Offered Manu.: _____ Outdoor Y Cable						\$ _____ (\$CAD)		
	Part #: 2FERQUAD-USMC Manuf: Lex Products Or Equivalent Offered Part#: _____							_____	Ontario (Locations in Annex A)
011	Offered Manu.: _____ 50 ft 60 A Feeder Cable	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)		
	Part #: PE6/5P-50-560 Manuf: Lex Products Or Equivalent Offered Part#: _____							_____	Ontario (Locations in Annex A)
	Offered Manu.: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)		
012	Spare Parts/Tools Kit Part #: KIT-SERIES16 Manuf: Lex Products Or Equivalent Offered Part#: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
	Offered Manu.: _____								
	Offered Manu.: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)		
013	3-Receptacle Extension Cord (25 ft) Part #: 50123B Manuf: Lex Products Or Equivalent Offered Part#: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
	Offered Manu.: _____								
	Offered Manu.: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)		
014	6-Receptacle Extension Cord (50 ft)								
	Offered Manu.: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)		
	Offered Manu.: _____								

015	Part #: 50112BA Manuf: Lex Products Or Equivalent Offered Part#: _____ Offered Manu.: _____ Portable Work Light	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
016	Part #: B6700-FL-Y Manuf: Lex Products Or Equivalent Offered Part#: _____ Offered Manu.: _____ Portable Work Light (Emergency Backup)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
017	Part #: B6700-EM Manuf: Lex Products Or Equivalent Offered Part#: _____ Offered Manu.: _____ Channel Crossover	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
018	Part #: PRC-5-BK Manuf: Lex Products Or Equivalent Offered Part#: _____ Offered Manu.: _____ Watertight Extension Cable 50 ft	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
019	Part #: PE7000-50-515-WG Manuf: Lex Products Or Equivalent Offered Part#: _____ Offered Manu.: _____ 30 kW ECU Distribution Box	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)



025	Part #: HBL320R4W-MIL Manuf: Hubbell Or Equivalent Offered Part#: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
	Offered Manu.: _____						\$ _____ (\$CAD)		
	30 A Single Phase Outlet								
026	Part #: HBL330R4W Manuf: Hubbell Or Equivalent Offered Part#: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
	Offered Manu.: _____						\$ _____ (\$CAD)		
	Outdoor Cord Sets								
027	Part #: DB20QD50SEPS Manuf: Lex Products Or Equivalent Offered Part#: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
	Offered Manu.: _____						\$ _____ (\$CAD)		
	30 A Single Phase Plug, Spare								
028	Part #: HBL330P4W Manuf: Hubbell Or Equivalent Offered Part#: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
	Offered Manu.: _____						\$ _____ (\$CAD)		
	20 A Single Phase Duplex Outlet GFCI								
029	Part #: GF20BK Manuf: Hubbell Or Equivalent Offered Part#: _____	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
	Offered Manu.: _____						\$ _____ (\$CAD)		
	Cover, GFCI WP								









045	Part #: CL40MRBML-A Manuf: Maringo Or Equivalent Offered Part#: _____ Offered Manu.: _____ Cam, Male, White	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
046	Part #: CL40MRBML-B Manuf: Maringo Or Equivalent Offered Part#: _____ Offered Manu.: _____ Cam, Male, Red	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
047	Part #: CL40MRBML-C Manuf: Maringo Or Equivalent Offered Part#: _____ Offered Manu.: _____ Cam, Male, Blue	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
048	Part #: CL40MRBML-D Manuf: Maringo Or Equivalent Offered Part#: _____ Offered Manu.: _____ Cam, Male, Green	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)
049	Part #: CL40MRBML-E Manuf: Maringo Or Equivalent Offered Part#: _____ Offered Manu.: _____ Cam, Female, Black	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	\$ _____ (\$CAD)	_____	Ontario (Locations in Annex A)





**Annex E - Standing Offer Usage Reporting - template**  
**Annexe E - Rapport d'utilisation périodique - gabarit**

1st Quarter / 1er Trimestre: April 1 to June 30 / 1 avril au 30 juin  
2nd Quarter / 2e Trimestre: July 1 to September 30 / 1 juillet au 30 septembre  
3rd Quarter / 3e Trimestre: October 1 to December 31 / 1 octobre au 31 décembre  
4th Quarter / 4e Trimestre: January 1 to March 31 / 1 janvier au 31 mars

<p>TOTAL VALUE OF ALL CALL-UPS / VALEUR TOTALE DE TOUS LES COMMANDES SUBSEQUENTES:</p> <p>\$</p>	-
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[illegible]