

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
PWGSC/TPSGC Acquisitions  
1045 Main Street  
1st Floor, Lobby C  
Unit 108  
Moncton, NB E1C 1H1  
Bid Fax: (506) 851-6759

**REQUEST FOR PROPOSAL**  
**DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government Services Canada**

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

**Proposition aux: Travaux Publics et Services Gouvernementaux Canada**

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

**Comments - Commentaires**

<b>Title - Sujet</b> Power Distribution Cable Reels	
<b>Solicitation No. - N° de l'invitation</b> W0105-140069/A	<b>Date</b> 2013-09-10
<b>Client Reference No. - N° de référence du client</b> W0105-140069	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$MCT-018-4688	
<b>File No. - N° de dossier</b> MCT-3-36032 (018)	<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> <b>on - le 2013-10-21</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Atlantic Daylight Saving Time ADT	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Martin, Lisa M.	<b>Buyer Id - Id de l'acheteur</b> mct018
<b>Telephone No. - N° de téléphone</b> (506) 851-7811 ( )	<b>FAX No. - N° de FAX</b> (506) 851-6759
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF NATIONAL DEFENCE CFB Gagetown 3 ASG Base Supply Bldg B-10 OROMOCTO New Brunswick E2V4J5 Canada	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

**Vendor/Firm Name and Address**

**Raison sociale et adresse du fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

NB / PEI Division - Moncton Acquisitions Office  
1045 Main Street  
1st Floor, Lobby C  
Unit 108  
Moncton, NB E1C 1H1

<b>Delivery Required - Livraison exigée</b> See Herein	<b>Delivery Offered - Livraison proposée</b>
<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</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>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. Security Requirement

There is no security requirement associated with this bid solicitation.

### 2. Statement of Work

The Work to be performed is detailed under Article 2 of the resulting contract clauses.

*(Derived from - Provenant de: B4007T, 16/06/06 )*

### 3. Debriefings

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

## PART 2 - BIDDER INSTRUCTIONS

### 1. Standard Instructions, Clauses and Conditions

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

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

The 2003 (2013/06/01) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

#### 1.1 SACC Manual Clauses

SACC Reference	Section	Date
C9000T	Price	2010/08/16

### 2. Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

#### 2.1 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the

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Contracting Authority at least 10 days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

*(Derived from - Provenant de: A9076T, 25/05/07 )*

### **3. Enquiries - Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

### **4. Applicable Laws**

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

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

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

### **1. Bid Preparation Instructions**

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

Section I: Technical Bid (2 copies)  
Section II: Financial Bid (1 copy)  
Section III: Certifications (1 copy)

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

#### **Section I: Technical Bid**

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

#### **Section II: Financial Bid**

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

**Section III: Certifications**

Bidders must submit the certifications required under Part 5.

**PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION****1. Evaluation Procedures**

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

**1.1 Technical Evaluation****1.1.1 Mandatory Technical Criteria**

Mandatory Technical Criteria as specified in Annex "C"

**1.2 Financial Evaluation**

SACC Manual Clause A0220T (2013/04/25), Evaluation of Price

**2. Basis of Selection**

<b>SACC Reference</b>	<b>Section</b>	<b>Date</b>
A0031T	Basis of Selection - Mandatory Technical Criteria	2010/08/16

**PART 5 - CERTIFICATIONS**

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

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default, if any certification made by the Bidder is found to be untrue whether during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with this request will also render the bid non-responsive or will constitute a default under the Contract.

**1. Mandatory Certifications Required Precedent to Contract Award****1.1 Code of Conduct and Certifications - Related documentation**

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Bid of Standard Instructions 2003. The related documentation therein required will assist Canada in confirming that the certifications are true.

**1.2 Federal Contractors Program for Employment Equity - Bid Certification**

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list ([http://www.labour.gc.ca/eng/standards\\_equity/eq/emp/fcp/list/inelig.shtml](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)) available from Human Resources and Skills Development Canada (HRSDC) - Labour's website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

## PART 6 - RESULTING CONTRACT CLAUSES

### 1. Security Requirement

There is no security requirement applicable to this Contract.

### 2. Statement of Work

The Contractor must perform the Work in accordance with the Statement of Work at Annex "A".

### 3. Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual

(<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

#### 3.1 General Conditions

2010A (2013/04/25), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### 4. Term of Contract

#### 4.1 Delivery Date

**4.1.1** All the deliverables for Statement of Work, Annex A - Part 4.1.1.1 must be received on or before 4 weeks after contract award.

Delivery Date Offered: \_\_\_\_\_ (bidder please complete)

**4.1.2** All the deliverables for Statement of Work, Annex A - Part 4.1.1.2 must be received on or before 15 March 2014.

Delivery Date Offered: \_\_\_\_\_ (bidder please complete)

#### 4.2 Optional Goods and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex B of the Contract under the same conditions and at the prices and/or rates stated in the

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Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option within 12 months after contract award by sending a written notice to the Contractor.

*(Derived from - Provenant de: A0070C, 30/11/07 )*

## **5. Authorities**

### **5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Name: Lisa Martin  
Title: Contracting Officer  
Public Works and Government Services Canada  
Acquisitions Branch  
Address: 1045 Main Street, Unit 108  
Moncton, New Brunswick  
E1C 1H1  
Telephone: 1-506-851-7811  
Facsimile: 1-506-851-6759  
E-Mail: lisa.m.martin@pwgsc-tpsgc.gc.ca

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

### **5.2 Technical Authority**

The Technical Authority for the Contract is: details will be provided in any resulting contract

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

*(Derived from - Provenant de: A1030C, 25/05/07 )*

### **5.3 Contractor's Representative (bidder please complete)**

Name: \_\_\_\_\_

Telephone: \_\_\_\_\_

Facsimile: \_\_\_\_\_

E-mail address: \_\_\_\_\_

## 6. Payment

### 6.1 Basis of Payment

#### Basis of Payment - Firm Price

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price specified in Annex B for a cost of \$ \_\_\_\_\_. Customs duties are included Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

*(Derived from - Provenant de: C0207C, 25/04/13 )*

### 6.2 Limitation of Price

SACC Manual clause C6000C (2011/05/16) Limitation of Price

### 6.3 Single Payment

SACC Manual clause H1000C (2008/05/12) Single Payment

### 6.4 SACC Manual Clauses

SACC Reference	Section	Date
C2000C	Taxes - Foreign-based Contractors	2007/11/30

## 7. Invoicing Instructions

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

*(Derived from - Provenant de: H5001C, 12/12/08 )*

## 8. Certifications

### 8.1 Compliance

Compliance with the certifications and related documentation provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification, provide the related

documentation or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

## 8.2 Federal Contractors Program for Employment Equity - Default by the Contractor

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and HRSDC-Labour, the AIEE must remain valid during the entire period of the Contract. If the AIEE becomes invalid, the name of the Contractor will be added to the "FCP Limited Eligibility to Bid" list. The imposition of such a sanction by HRSDC will constitute the Contractor in default as per the terms of the Contract.

## 9. Applicable Laws

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

## 10. Priority of Documents

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

- (a) the Articles of Agreement;
- (b) the general conditions 2010A (2013/04/25), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Statement of Work
- (d) Annex B, Basis of Payment
- (e) the Contractor's bid dated \_\_\_\_\_

## 11. SACC Manual Clauses

SACC Reference	Section	Date
B7500C	Excess Goods	2006/06/06
G1005C	Insurance	2008/05/12

## 12. Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and delivered Delivered Duty Paid (DDP) Incoterms 2000 for shipments from a commercial contractor.

*(Derived from - Provenant de: D4001C, 12/12/08 )*

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mct018

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**ANNEX "A"**  
**STATEMENT OF WORK**  
**(see attached)**

**ANNEX "B"**  
**BASIS OF PAYMENT**  
**(see attached)**

**ANNEX "C"**  
**BID EVALUATION PROCESS**  
**(see attached)**

STATEMENT OF WORK  
FOR  
POWER DISTRIBUTION CABLE REELS

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## 1.0 SCOPE

### 1.1 Purpose

1.1.1 The purpose of this Statement of Work (SOW) is to define the requirements for Power Distribution Cable Reels (PDCR) to be delivered in accordance with this SOW.

### 1.2 Background

1.2.1 The Canadian Armed Forces (CAF) has a requirement for Power Distribution Cable Reels in order to properly handle electrical cable used during future deployed operations.

### 1.3 Intended Use

1.3.1 The PDCR will greatly increase the speed of energy distribution within the construction of deployed camps, and therefore reduce readiness time. Reels will be precisely placed on the ground ensuring a faster set-up time instead of cables being transported for long distance from sea containers. Power cables are essential to camp construction and are also fragile when not handled carefully. These reels will avoid the increased expense of repairing cables or connectors. The cable reels will be double stacked and stored inside a 20 ft side opening door ISO container.

### 1.4 Acronyms and Abbreviations

CAF	Canadian Armed Forces
CFSD	Canadian Force Supply Depot
CSA	Canadian Standards Association
DND	Department of National Defence
ESR	Engineer Support Regiment
FAT	First Article Test
PDCR	Power Distribution Cable Reels
RTC	Relocatable Temporary Camp
SOW	Statement of Work
TA	Technical Authority

## 2.0 APPLICABLE DOCUMENTS

### 2.1 Applicability

2.1.1 The following documents form part of this SOW to the extent specified herein.

### 2.2 Order of Precedence

2.2.1 In the event of conflict between the content of this SOW and the referenced documents, the content of this SOW shall take precedence.

2.2.2 Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

2.3 Standards and Specifications

IDENTIFYING NUMBER	DOCUMENT TITLE
CSA C22.1	Canadian Electrical Code, Part I Electrical Installations
CSA C22.2	Canadian Electrical Code, Part II General Requirements
D-01-100-215/SF-000	Specification for Preparation of Material Change Notice (MCN) for Canadian Forces Equipment
D-02-002-001/SG-001	Standard – Identification Marking of Canadian Military Property
FED-STD-595B	Colors Used in Government Procurement

**3.0 REQUIREMENTS**

3.1 Tasks

3.1.1 Provide Distribution Cable Reels as per the list of deliverables found at 4.2.

3.2 Power Distribution Cable Reels

3.2.1 The PDCR must have a total capacity to deploy, store and recover up to 900 meters of single conductor, 1/0 AWG, Type W, Portable Power Cable.

3.2.2 The PDCR cable storage drum must be fitted with divider discs as the Portable Power Cable shall be configured as three (3) separate 300 meter length cables. Dividers are a requirement to prevent tangling of the cables and ease of maintenance and repair to individual cables.

3.2.3 The PDCR must be used to deploy, store and recover the Portable Power Cable only and not intended to operate with energized or live cables.

3.2.4 The PDCR must be equipped with a brake lock system that must provide three (3) operating modes: Mode 1 - Free Spool (cable can be easily pulled and retrieved from the reel); Mode 2 - Soft Brake (friction prevents excess spillage when cable is pulled); Mode 3 - Full Lock (used during storage and transportation, the reel will not rotate so cable will not spill)

3.2.5 The PDCR must be equipped with fork-lift pockets and be capable of being transported by fork-lift.

3.2.6 The PDCR must be capable of being loaded and unloaded from a side loader ISO container using a fork-lift.

3.2.7 The PDCR must be designed in a way that 16 units can be stored in a 20 ft open side door ISO container with following specifications:

3.2.7.1 Exterior dimensions 6096 mm length x 2438 mm width x 2438 mm height.

3.2.7.2 The interior dimensions of 5952 mm length x 2284 mm width x 2164 mm height.

3.2.7.3 Side door opening of 5614 width x 2076 height

3.2.7.4 20 ft ISO containers weigh 2900 kg.

3.2.7.5 The maximum weight of 20 ft ISO container when loaded with the PDCR with cables shall not exceed 24000 kg.

3.2.8 The PDCR must be capable of being equipped with an electrical retrieving drive and a manual handle / crank.

### 3.3 Power Distribution Cables Reels Electrical Drive

3.3.1 The electrical retrieving drive is intended to be removable from the PDCR to be used to service multiple PDCR's.

3.3.2 The PDCR electrical retrieving drive must be easily removable using minimum hand tools or quick release pins or locking mechanism.

3.3.3 The PDCR electrical drive must incorporate carrying handles to enable individual to carry and support the rewind drive during installation and removal.

3.3.4 The PDCR electrical drive must be capable to operate on 120/208V 60Hz using an external power source such as a small generator.

3.3.5 The PDCR electrical drive must be capable of operating in forward and reverse mode.

3.3.6 The PDCR electrical drive must be capable of pulling the weight of the three (3) individual 300 meter 1/0 cables simultaneously.

3.3.7 The PDCR electrical drive must be equipped with a 25-ft / 8 meter power cord.

3.3.8 The PDCR electrical drive must be weatherproofed.

3.3.9 The PDCR electrical drive must be equipped with on and off weatherproof interrupters.

3.3.10 The PDCR electrical drive must be certified in accordance with the Canadian Electrical Code CSA C22.1 and C22.2.

### 3.4 Operating Conditions

3.4.1 The PDCR must be capable of operation, without malfunction, in all climatic conditions with the ambient temperature from  $-40^{\circ}\text{C}$  /  $-40^{\circ}\text{F}$  through  $+50^{\circ}\text{C}$  /  $+122^{\circ}\text{F}$  inclusive.

3.4.2 The PDCR must be capable of being stored outdoors, without deterioration, at ambient temperatures between  $-40^{\circ}\text{C}$  /  $-40^{\circ}\text{F}$  and  $50^{\circ}\text{C}$  /  $122^{\circ}\text{F}$ .

3.4.3 The PDCR must remain fully operable, must suffer no damage, and must experience no degradation of performance during and after exposure to light or heavy blowing sand and dust.

3.4.4 The PDCR must remain fully operable, must suffer no damage, and must experience no degradation of performance following exposure to vibration and shock during transportation and operation.

### 3.5 Health and Safety

3.5.1 The PDCR must comply with Canadian Occupational Health and Safety Regulations in effect.

### 3.6 Construction

3.6.1 The PDCR and electrical drive must be made using new materials and components only.

3.6.2 The PDCR and electrical drive must be constructed of materials resistant to or life term protected against corrosion and deterioration caused by atmospheric conditions, corrosive agents, ground moisture, and salt.

3.6.3 Prior to any treatment or application of any coating all surfaces must be free of soil impurities or corrosion such as grease, oil, welding flux, or other foreign matter that may interfere with treatment painting. Cleaning must be done immediately before any treatment or painting, or precautions shall be taken to ensure that surfaces remain clean and dry until they are treated or painted.

3.6.4 The PDCR exterior must have as a minimum one coat of zinc rich primer to 30 microns dry film thickness (DFT), one coat of epoxy primer to 40

microns DFT and one coat of chlorinated rubber top coat to 40 microns with colour 34094 (flat green) in accordance with FED-STD-595B.

### 3.7 Publications and Technical Data

3.7.1 The Contractor must create and submit publications and technical data for the PDCR and Electrical Drive.

3.7.2 The publications and technical data provided must be as follows:

3.7.2.1 Operation and Maintenance (O&M) Manual; and

3.7.2.2 Technical Drawing;

3.7.3 The publication and drawing must be produced in English and French.

3.7.4 The Operation and Maintenance Manual must be approved by the TA prior to the FAT.

3.7.5 The TA approved Operation and Maintenance Manual in electronic format must be delivered to the TA prior to delivery of the PDCR.

3.7.6 The final hard copy of the TA approved Operation and Maintenance Manual must be delivered with the PDCR.

3.7.7 The List in electronic format must be approved by the TA prior to the critical design review.

### 3.8 Project Management

3.8.1 The Contractor must provide a Project Manager to manage all technical performance including reliability, maintainability, risk management, cost, schedule, equipment, and data delivery requirements of the contract.

### 3.9 Project Start-up Meeting

3.9.1 The Contractor must within twenty (15) business days following the contract award arrange a project start-up meeting with the DND to discuss the scope of work to be performed and project milestones.

3.9.2 During the start-up meeting the Contractor must provide data / drawings and the engineering report that clearly demonstrate that the proposed PDCR meets the herein requirements.

3.9.3 Following the TA's acceptance of the data / drawings and the engineering report, the Contractor must proceed with the fabrication of the First Article.

3.10 First Article Unit

3.10.1 First Article Fabrication

3.10.1.1 The Contractor must proceed with the fabrication of the first article unit within 30 days of the acceptance of the data / drawings by the TA.

3.10.1.2 The first article unit must consist of a PDCR equipped with electrical drive as specified in this SOW.

3.10.1.3 The first article unit must be manufactured using the established procedures, processes, personnel, materials, and facilities of a full production unit.

3.10.2 First Article Test Plan

3.10.2.1 The Contractor must provide a copy of the proposed First Article Test (FAT) plan to the TA who must approve the plan before testing can commence.

3.10.2.2 The plan must cover the requirements of this document.

3.10.2.3 The test plan must be forwarded to the TA at least thirty (30) business days prior to the planned date of the FAT.

3.10.2.4 The TA will notify the Contractor in writing, within ten (10) business days of receipt, of the approval or rejection of the FAT plan.

3.10.2.5 Acceptance testing must not commence until notification is received from the TA that the FAT plan has been approved.

3.10.3 First Article Test

3.10.3.1 The Contractor must subject the first article unit to all required first article inspections and tests at system level in accordance with the approved FAT plan to verify conformance to the specified requirements prior to production.

3.10.4 First Article Test Report

3.10.4.1 The FAT data, together with appropriate evidence of DND Quality Assurance Representative (QAR) verification, must be forwarded to the TA in the form of a First Article Test (FAT) Report

for approval within fifteen (15) business days from the completion of testing.

3.10.4.2 A written notice of approval or rejection of the report must be provided to the Contractor by the TA within fourteen (14) business days of receipt of the report.

### 3.10.5 FAT Report Rejection

3.10.5.1 If the FAT Report is rejected, the Contractor must resolve deficiencies with the equipment and, if requested by the TA, repeat any or all first article tests within 15 business days.

3.10.5.2 The Contractor must deliver a schedule for resolution of deficiencies and retest to the TA within fifteen (15) business days of receipt of notice of rejection.

3.10.5.3 All costs related to these activities must be borne by the Contractor.

3.10.5.4 An amended report must be delivered to the TA within fifteen (15) business days of completion of retesting.

### 3.10.6 Finalization of the first article

3.10.6.1 The first article must be considered finalized when it is in the accepted configuration following the completion and acceptance of the FAT report, including any changes to equipment because of the FAT.

### 3.10.7 Delivery of Test Article

3.10.7.1 The Contractor may deliver the tested article as deliverable equipment if the article meets all contract requirements for acceptance.

3.10.7.2 Delivery will only come into effect when the FAT Report is accepted.

## 4.0 CONTRACT DELIVERABLES

### 4.1 General

4.1.1 The Contractor must deliver the PDCRs, Electrical Drives and technical data within the following timelines and locations:

4.1.1.1 20 PDCRs and 3 Electrical Drives, 2 Operation and Maintenance manual hard copy and 2 technical drawings

By 4 weeks after contract award to  
 Commanding Officer  
 4 Engineer Support Regiment  
 PO Box 17000 Stn Forces  
 Oromocto, NB E2V 4J5

4.1.1.2 20 PDCRs and 3 Electrical Drives

By 15 March 2014 to  
 25 CFSD RTC Laval Warehouse  
 185 Boul Bellerose Ouest  
 Laval, QC H7L 6A1

4.2 List of Deliverables

Item	Item Description	Qty	Option
1	<b>Power Distribution Cable Reels</b> to 4 Engineer Support Regiment at CFB Gagetown	20	0
2	<b>Electrical Drive</b> to 4 Engineer support Regiment at CFB Gagetown	3	0
3	<b>Power Distribution Cable Reels</b> to 25 CFSD RTC Laval Warehouse	20	10
4	<b>Electrical Drive</b> to 25 CFSD RTC Laval Warehouse	3	2
5	Operation and Maintenance Manual hard copy to 4 Engineer Support Regiment at CFB Gagetown	2	0
6	Technical Drawings to 4 Engineer Support Regiment at CFB Gagetown	2	0

**Annex B  
Basis of Payment**

<b>1. Essential Items</b>					
<b>Item No.</b>	<b>Description</b>	<b>Unit of Issue</b>	<b>Quantity</b>	<b>Unit* Price</b>	<b>Extended Price</b>
1.1	Power Distribution Cable Reels to 4 Engineer Support Regiment at CFB Gagetown	each	20		
1.2	Electrical Drive to 4 Engineer support Regiment at CFB Gagetown	each	3		
1.3	Power Distribution Cable Reels to 25 CFSD RTC Laval Warehouse	each	20		
1.4	Electrical Drive to 25 CFSD RTC Laval Warehouse	each	3		
1.5	Operation and Maintenance Manual hard copy to 4 Engineer Support Regiment at CFB Gagetown	each	2		
1.6	Technical Drawings to 4 Engineer Support Regiment at CFB Gagetown	each	2		
<b>2. Optional Items **</b>					
<b>Item No.</b>	<b>Description</b>	<b>Unit of Issue</b>	<b>Quantity</b>	<b>Unit* Price</b>	<b>Extended Price</b>
2.1	Power Distribution Cable Reels to 25 CFSD RTC Laval Warehouse	each	10		
2.2	Electrical Drive to 25 CFSD RTC Laval Warehouse	each	2		
Subtotal					
HST 13%					
Total					

\*Unit price includes delivery

\*\*Optional items #2.1 and 2.2 will be included for evaluation purposes and may or may not be purchased at time of award of contract. Pricing must be firm for a period of one year after award of contract.

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## ANNEX C

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### BID EVALUATION PROCESS POWER DISTRIBUTION CABLE REELS (PDCR)

#### 1.0 GENERAL

##### 1.1. Purpose

This document outlines the bid evaluation process for the POWER DISTRIBUTION CABLE REELS (PDCR).

##### 1.2. Instructions

Bidders must be assessed in accordance with the following instructions and criteria as detailed within this document. The following instructions shall apply to the bidder evaluation:

- (a) Mandatory requirements are identified by the word "must". All mandatory requirements must be met in order to meet compliance with the requirements. Responses to the mandatory requirements set forth in this section will be evaluated on a simple stringent pass/fail basis;
- (b) Bidders are required to initial each check-off box in the table below to indicate their agreement to comply with any resulting contract in regards to the related requirement.

#### 2.0 EVALUATION

##### 2.1. Certification of Compliance

The bidder shall provide the following information with the bid:

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Table 1 Technical Evaluation Criteria

Annex A Item #	Requirement	Evaluation Method		Proof of Compliance	Bidder Initials <sup>1</sup>	Comment
		M <sup>2</sup>				
<b>3.2</b>	<b>Power Distribution Cables</b>					
3.2.1	Capacity to deploy, store and recover up to 900 meters of single conductor, 1/0 AWG, Type W, Portable Power Cable.	x		The bidder must initial the check-off box to indicate compliance.		
3.2.2	Fitted with cable storage drum with divider discs as the Portable Power Cable shall be configured as three (3) separate 300 meter length cables Peak loads.	x		The bidder must initial the check-off box to indicate compliance.		
3.2.3	As described in the Statement of Work section 3.2.3	x		The bidder must initial the check-off box to indicate compliance.		
3.2.4	Equipped with a brake lock system	x		The bidder must initial the check-off box to indicate compliance.		
3.2.5	Equipped with fork-lift pockets	x		The bidder must initial the check-off box to indicate compliance.		
3.2.6	Capable of being loaded and unloaded from a side loader ISO container using a fork-lift	x		The bidder must initial the check-off box to indicate compliance.		
3.2.7	Designed in a way that 16 units can be stored in a 20 ft open side door ISO container	x		The bidder must initial the check-off box to indicate compliance.		
3.2.8	Capable of being equipped with an electrical retrieving drive and a manual handle / crank.	x		The bidder must initial the check-off box to indicate compliance.		
<b>3.3</b>	<b>Power Distribution Cable Reels Electrical Drives</b>					

<sup>1</sup> Bidder Initials – Case shall be initialled by the Bidder

<sup>2</sup> Mandatory

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Annex A Item #	Requirement	Evaluation Method	Proof of Compliance	Bidder Initials <sup>1</sup>	Comment
		M <sup>2</sup>			
3.3.2	easily removable using minimum hand tools or quick release pins or locking mechanism	x	The bidder must initial the check-off box to indicate compliance.		
3.3.3	Electrical drive must incorporate carrying handles to enable individual to carry and support the rewind drive during installation and removal.	x	The bidder must initial the check-off box to indicate compliance.		
3.3.4	capable to operate on 120/208V 60Hz using an external power source such as a small generator	x	The bidder must initial the check-off box to indicate compliance.		
3.3.5	capable of operating in forward and reverse mode.	x	The bidder must initial the check-off box to indicate compliance.		
3.3.6	capable of pulling the weight of the three (3) individual 300 meter 1/0 cables simultaneously.	x	The bidder must initial the check-off box to indicate compliance.		
3.3.7	equipped with a 25-ft / 8 meter power cord.	x	The bidder must initial the check-off box to indicate compliance.		
3.3.8	electrical drive must be weatherproofed	x	The bidder must initial the check-off box to indicate compliance.		
3.3.9	equipped with on and off weatherproof interrupters.	x	The bidder must initial the check-off box to indicate compliance.		
3.3.10	certified in accordance with the Canadian Electrical Code CSA C22.1 and C22.2	x	The bidder must initial the check-off box to indicate compliance.		
<b>3.4</b>	<b>Operating Condition</b>				
3.4.1	capable of operation, without malfunction, in all climatic conditions	x	The bidder must initial the check-off box to indicate compliance.		
3.4.2	capable of being stored outdoors, without deterioration, at ambient temperatures	x	The bidder must initial the check-off box to indicate compliance.		

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Annex A Item #	Requirement	Evaluation Method	Proof of Compliance	Bidder Initials <sup>1</sup>	Comment
		M <sup>2</sup>			
3.4.3	remain fully operable after exposure to light or heavy blowing sand and dust	x	The bidder must initial the check-off box to indicate compliance.		
3.4.4	remain fully operable following exposure to vibration and shock during transportation and operation.	x	The bidder must initial the check-off box to indicate compliance.		
<b>3.5</b>	<b>Health and Safety</b>				
3.5.1	As described in the Statement of Work section 3.5.1	x	The bidder must initial the check-off box to indicate compliance.		
<b>3.6</b>	<b>Construction</b>				
3.6.1	made using new materials and components only	x	The bidder must initial the check-off box to indicate compliance.		
3.6.2	constructed of materials resistant to or life term protected against corrosion and deterioration	x	The bidder must initial the check-off box to indicate compliance.		
3.6.4	Painting: As described in the Statement of Work section 3.6.4	x	The bidder must initial the check-off box to indicate compliance.		
<b>3.7</b>	<b>Publication and Technical Data</b>				
3.7	Produce technical data in French and English	x	The bidder must initial the check-off box to indicate compliance.		
<b>3.8</b>	<b>Project Management</b>				
3.8.1	Project Manager to manage all technical performance	x	The bidder must initial the check-off box to indicate compliance.		

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Annex A Item #	Requirement	Evaluation Method	Proof of Compliance	Bidder Initials <sup>1</sup>	Comment
		M <sup>2</sup>			
<b>3.9</b>	<b>Project Start up Meeting</b>				
3.9.1	project start-up meeting within 20 days business days of contract award	<b>x</b>	The bidder must initial the check-off box to indicate compliance.		
3.9.2	provide data / drawings and the engineering report	<b>x</b>	The bidder must initial the check-off box to indicate compliance.		
3.9.3	As described in the Statement of Work section 3.9.3	<b>x</b>	The bidder must initial the check-off box to indicate compliance.		
<b>3.10</b>	<b>First Article Fabrication</b>				
3.10.1	First Article Fabrication: As described in the Statement of Work section 3.10.1	<b>x</b>	The bidder must initial the check-off box to indicate compliance.		
3.10.2	First Article Test Plan: As described in the Statement of Work section 3.10.2	<b>x</b>	The bidder must initial the check-off box to indicate compliance.		
3.10.3	First Article Test: As described in the Statement of Work section 3.10.3	<b>x</b>	The bidder must initial the check-off box to indicate compliance.		
3.10.4	First Article Test Report: As described in the Statement of Work section 3.10.4	<b>x</b>	The bidder must initial the check-off box to indicate compliance.		
3.10.5	FAT Rejection: As described in the Statement of Work section 3.10.5	<b>x</b>	The bidder must initial the check-off box to indicate compliance.		
3.10.6	Finalization of the first article: As described in the Statement of Work section 3.10.6	<b>x</b>	The bidder must initial the check-off box to indicate compliance.		
3.10.7	Delivery of Test Article: As described in the Statement of Work section 3.10.7	<b>x</b>	The bidder must initial the check-off box to indicate compliance.		

ANNEX C

Annex A Item #	Requirement	Evaluation Method		Proof of Compliance	Bidder Initials <sup>1</sup>	Comment
			M <sup>2</sup>			
4.0	Contract deliverables					
4.1.1	Delivery :As described in the Statement of Work section 4.1.1	x		The bidder must initial the check-off box to indicate compliance.		

**Table 2 Company Capability Evaluation Criteria**

Item	Criteria and Criteria Description	Mandatory Criteria Evaluation	Comply Yes/No	Comments: Compliance or deviations
1.	<b>Corporate Experience</b> The proposed contractor must have the capacity to undertake the type of work contained in the applicable Statement of Work (SOW) and its appendices.	The bidder shall provide an overview of the company.		
2.	<b>Production Plan</b>	The proposed contractor must have the production capacity to complete the requirement.		