



**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
**Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions  
Travaux publics et Services gouvernementaux  
Canada**  
Room 100,  
167 Lombard Ave.  
Winnipeg  
Manitoba  
R3B 0T6  
Bid Fax: (204) 983-0338

**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> Bank Operated Cableway System	
<b>Solicitation No. - N° de l'invitation</b> K3E35-171044/A	<b>Date</b> 2017-01-27
<b>Client Reference No. - N° de référence du client</b> K3E35-171044	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$WPG-006-10150	
<b>File No. - N° de dossier</b> WPG-6-39240 (006)	<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 2017-03-13</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Central Standard Time CST
<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> Graham, Danielle	<b>Buyer Id - Id de l'acheteur</b> wpg006
<b>Telephone No. - N° de téléphone</b> (204) 292-2872 ( )	<b>FAX No. - N° de FAX</b> (204) 983-7796
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF THE ENVIRONMENT 4415 Manhattan Rd Se 220-4TH AVE S.E. CALGARY Alberta T2G 4B3 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**

Public Works and Government Services Canada - Western  
Region  
Room 100  
167 Lombard Ave.  
Winnipeg  
Manitoba  
R3B 0T6

<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/ 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 Requirement**

The requirement is detailed under Article 6.2 of the resulting contract clauses.

### **1.2 Debriefings**

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

### **1.3 Trade Agreements**

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

## **PART 2 - BIDDER INSTRUCTIONS**

### **2.1 Standard Instructions, Clauses and Conditions**

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

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

The [2003 \(2016-04-04\)](#) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

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

Delete: 60 days  
Insert: 90 days

### **2.2 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.

#### **2.2.1 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 Contracting Authority at

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

### **2.3 Enquiries - Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority no later than 5 calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

### **2.4 Applicable Laws**

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

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

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

### **3.1 Bid Preparation Instructions**

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

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

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

Canada requests that Bidders follow the format instructions described below in the preparation of their bid:

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

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](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, Bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and

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- 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.

**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.

**3.1.1 Electronic Payment of Invoices – Bid**

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

If Annex C Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

**3.1.2 Exchange Rate Fluctuation**

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

**3.1.3 SACC Manual Clauses**

**Section III: Certifications**

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

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

**4.1 Evaluation Procedures**

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

**4.1.1 Technical Evaluation**

**4.1.1.1 Mandatory Technical Criteria**

- a) Compliance with meeting all of the mandatory specification requirements, as identified under Annex "A", Requirement.
- b) Compliance with the Basis of Payment, as identified under Annex "B".

**4.1.2 Financial Evaluation**

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SACC Manual Clause [A0220T](#) (2014-06-26), Evaluation of Price

## 4.2 Basis of Selection

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

## PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

### 5.1 Certifications Required with the Bid

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

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

In accordance with the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide with its bid the required documentation, as applicable, to be given further consideration in the procurement process.

### 5.2 Certifications Precedent to Contract Award and Additional Information

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

#### 5.2.1 Integrity Provisions – Required Documentation

In accordance with the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

#### 5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](#) website

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([http://www.esdc.gc.ca/en/jobs/workplace/human\\_rights/employment\\_equity/federal\\_contractor\\_program.page?&\\_ga=1.229006812.1158694905.1413548969](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969)).

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

## **PART 6 - RESULTING CONTRACT CLAUSES**

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

### **6.1 Security Requirements**

6.1.1 There is no security requirement applicable to the Contract.

### **6.2 Requirement**

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

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

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

#### **6.3.1 General Conditions**

2010A 2016-04-04, General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### **6.4 Term of Contract**

#### **6.4.1 Delivery Date**

All the deliverables must be received at the latest 12 weeks from contract award.

#### **6.4.2 Option to Extend the Contract**

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Article 6.2 of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option within 2 years from contract award by sending a written notice to the Contractor.

#### **6.4.3 Delivery Points**

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Delivery of the requirement will be made to delivery point(s) specified at Annex "B" Basis of Payment of the Contract.

## 6.5 Authorities

### 6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Danielle Graham  
Title: Procurement Officer  
Public Works and Government Services Canada  
Acquisitions Branch  
Directorate: Western Region  
Address: 100-167 Lombard Avenue

Telephone: 204-292-2872  
Facsimile: 204-983-7796  
E-mail address: [danielle.graham@pwgsc-tpsgc.gc.ca](mailto:danielle.graham@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.

### 6.5.2 Technical Authority

The Technical Authority for the Contract is: **TBD**

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

### 6.5.3 Contractor's Representative

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

Title: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

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

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

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

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## **6.6 Payment**

### **6.6.1 Basis of Payment**

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

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

### **6.6.2 Multiple Payments**

SACC Manual clause H1001C Multiple Payments

### **6.6.3 Electronic Payment of Invoices – Contract**

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

- a. TBD

## **6.7 Invoicing Instructions**

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:

The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

## **6.8 Certifications and Additional Information**

### **6.8.1 Compliance**

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

## **6.9 Applicable Laws**

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

## **6.10 Priority of Documents**

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

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- a) the Articles of Agreement;
- b) the general conditions [2010A](#) 2016-04-04, General Conditions - Goods (Medium Complexity);
- c) Annex A, Requirement;
- d) Annex B, Basis of Payment;
- e) the Contractor's bid dated **TBD**.

#### **6.11 SACC Manual Clauses**

[B7500C](#) (2006-06-16), Excess Goods

[B1501C](#) (2006-06-16), Electrical Equipment

[G1005C](#) (2008-05-12), Insurance

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## **ANNEX A**

### **REQUIREMENT**

#### **Environment and Climate Change Canada (ECCC) – Hydrometric Services Bank Operated Cableway System for Measurement of River Discharge**

ECCC is replacing many of its manned cableways for stream gauging with cableways that are able to be operated from the bank of the river. ECCC requires a complete system which is compatible with the existing ECCC owned hydrometric equipment and is able to be installed at various sites across Canada, meeting the design requirements stated below.

The system must be capable of raising and lowering hydroacoustic instrumentation remotely and be capable of providing real-time video of river conditions during measurement using ECCC video equipment.

ECCC intends to purchase an initial 20 systems with option to purchase up to 25 additional units over the next 2 years.

### **DELIVERY**

Delivery is FOB and must be delivered to:  
C3E3C  
4115 Manhattan Road SE  
Calgary AB T2G 4B3

### **Bank Operated Cableway System**

The bank operated cableway system consists of a main cable on which a traveler is positioned and a positioning cable which moves the traveler from bank to bank. The positioning cable is looped around a drive sheave to produce the movement. A sounding cable from a bank mounted winch is used to raise or lower the measuring device and weight. The cables are supported by structures on both banks and soil anchors to resist the pull of the cables. Figure 1 shows the general arrangement.

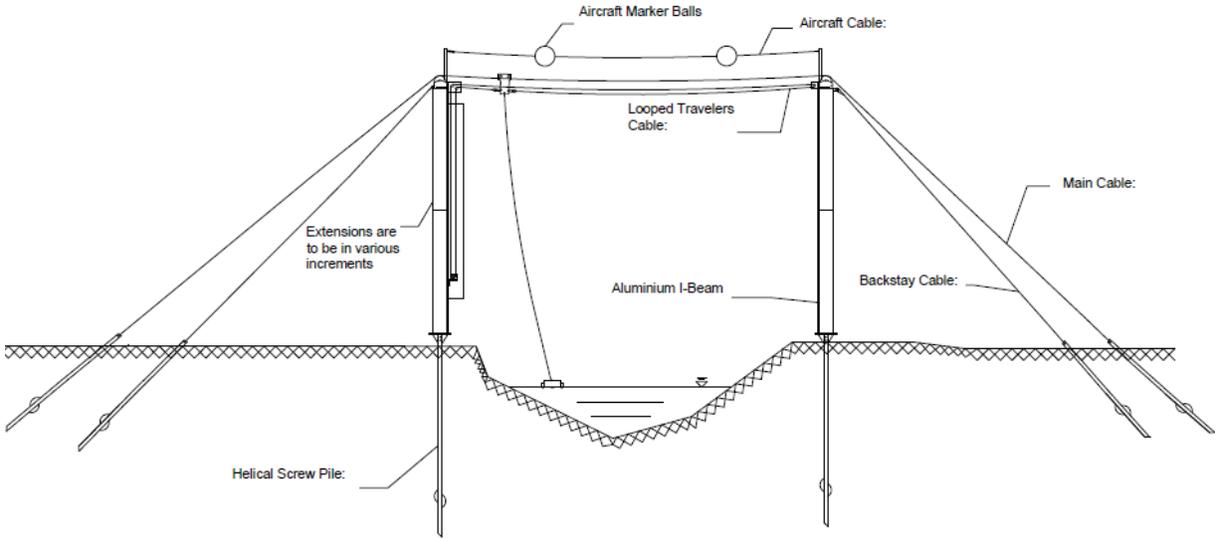


Figure 1. Bank operated cableway with traveler (provided as a visual aid only)

### **COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS**

A complete list of the mandatory performance specifications are detailed in the Compliance Matrix.

1. Bidders must show compliance by addressing each Performance Specification in the Compliance Matrix, and should demonstrate compliance with complete specifications and/or descriptive literature of the equipment being offered.
2. The complete specifications and/or descriptive literature should be submitted with the proposal. If the complete specification and/or literature is not submitted as requested, the Contracting Authority provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.
3. Canada will not evaluate information such as references to Web site addresses where additional information can be found, or technical manuals or brochures not submitted with the bid.
4. Failure to meet the minimum mandatory performance specifications will result in your proposal being deemed non-responsive, and be given no further consideration. In other words, ensure that the product specifications meet or exceed all the listed requirements in the compliance matrix.

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<b>Compliance Matrix – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS</b>				
All work and materials herein specified must meet and maintain minimum Canadian and Provincial certification(s) and approval(s) as applicable by Industry Standards.				
<b>1.0</b>	<b>DESIGN SUBMISSION REQUIREMENT</b>	<b>MEETS</b>	<b>DOES NOT MEET</b>	<b>State specification or cross-reference with brochures, design or other supporting documents:</b>  (if additional space is needed please attach additional pages referencing the specification #)
1.1	The design must be certified by a professional engineer.			
1.2	Design drawing must include a table listing all components required with the exception of the cable support footing and cable anchor points.			
1.3	The design must be submitted with the bid for review to ensure all operational and design requirements are met.			
<b>2.0</b>	<b>TECHNICAL SPECIFICATIONS: OPERATIONAL REQUIREMENT</b>	<b>MEETS</b>	<b>DOES NOT MEET</b>	<b>State specification or cross-reference with brochures, design or other supporting documents:</b>
2.1	Design must be able to support up to a span of 100m.			
2.2	Minimum main cable diameter must be 1/2 inch.			
2.3	Maximum main cable support height must support 5m to ground surface.			
2.4	Cable support members must be open structure such as an I-beam rather than HSS or pipe.			
2.5	Support structure must be hinged at the base with resistance provided by back and side stays.			
2.6	Angle of backstay must be between 35 and 45 degrees; angle of side stays must be 45 degrees.			
2.7	Support structure must be usable in adjustable heights up to 5m for any one tower. Example: sections for each system includes two 3m sections, one 2m section, and two 1m sections. Sections must be interchangeable and connect to each other, and the pulley using a standard bolt pattern.			

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2.8	Support structure must have a pulley for the main cable so the tension is transferred over the support structure to a suitable ground anchor (anchor provided by others).			
2.9	Traveler must be capable of use with a standard sounding cable strung from one bank through a pulley on the traveller and down to a sounding weight and Price AA meter.			
2.10	The mount for use of a manual sounding reel must be provided with a bolt pattern that will provide for mounting of industry standard sounding reels: <ul style="list-style-type: none"><li>o WSC/USGS A and B</li><li>o USGS E</li><li>o WS 250/400/500</li><li>o Latrobe WS900</li></ul>			
2.11	Drive pulley must be direct drive or have a geared ratio of 1:1.			
2.12	Drive pulley must have a brake that can be set to hold the position of the traveller.			
2.13	Drive pulley must be able to be powered by a cordless drill and hand crank.			
2.14	Drive pulley must be housed in a lockable enclosure. Access to the lock must be at ground level for a technician to reach without crouching or climbing. A vermin screen must be provided at the bottom of the enclosure above the lock so there are no sharp edges.			
2.15	Drive pulley mechanism must have a counter to indicate traveller position in meters to two decimal places.			
2.16	Minimum traveller cable diameter must be 1/4 inch (6.35mm).			
2.17	The drive pulley must be able to operate without interference from any other piece of the system.			
2.18	Traveller must be removable and have a removable pin for attachment of the tether line.			
2.19	Aircraft marker line must be located a minimum of 1m above main line. The marker line must be attached by eyebolts and turnbuckle.			

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2.20	Minimum marker line diameter must be 1/4 inch.			
2.21	All parts must have a service life of 25 years when exposed directly to weather.			
2.22	Capability of raising and lowering hydroacoustic instrumentation remotely.			
2.23	Capability of attaching ECCC video equipment to provide real-time video of river conditions during measurements. Attachment must accommodate a simple screwable camera mount.			
<b>3.0</b>	<b>TECHNICAL SPECIFICATION DESIGN LOADING</b>	<b>MEETS</b>	<b>DOES NOT MEET</b>	<b>State specification or cross-reference with brochures, design or other supporting documents:</b>
3.1	Main cable must meet the following two loading conditions: a. A vertical load of 1050 lbs at mid span b. An inclined load at ¼ span of 1050 lbs in the downstream direction at an angle of 30 degrees from horizontal.			
3.2	Marker cables must meet the following two loading conditions: a. Ice load b. Wind load			
3.3	A 100 m cableway must have up to five 500 mm diameter marker balls. Canada wide worst case weather loading must be used in the design.			
3.4	Maximum sag on the main cable must not be more than 2% for an operational load of 80 kg.			
3.5	Unloaded sag on the marker line must match the main line.			
3.6	Traveller cable must have a breaking strength of 1.25 times the sounding cable (1313 lbs).			
3.7	Traveller unit including sheaves must have a FOS of greater than 2 against a 1050 lb suspended load.			
3.8	The operational load of 80kg should not cause the traveller sheaves to leave the main cable (in the case of a dual sheave traveller).			
<b>4.0</b>	<b>TECHNICAL SPECIFICATIONS: MATERIALS</b>	<b>MEETS</b>	<b>DOES NOT MEET</b>	<b>State specification or cross-reference with brochures, design or other supporting documents:</b>

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4.1	Support structure must be aluminum.			
4.2	Support structure sheaves must have brass bushings.			
4.3	Main, tieback, and side stay cables shall be galvanized class 6x19 EIP IWRC.			
4.4	Traveller cable must be minimum 1/4 inch diameter 7x7 stainless steel.			
4.5	The mechanism; including all pulleys and brackets must be constructed of non-corroding metal. All bearings must be serviceable.			
4.6	All main/marker cable clamps, thimbles, turnbuckles and clevis' must be galvanized steel.			
4.7	Traveler cable clamps, turnbuckles and clevis' must be stainless steel.			
4.8	Thimbles must be stainless steel, copper or brass.			
<b>5.0</b>	<b>DELIVERABLES</b>	<b>MEETS</b>	<b>DOES NOT MEET</b>	
5.1	Deliverables must include all components required with the exception of the cable support footing and cable anchor points			
5.2	Delivery must be FOB destination to address indicated at Annex B.			

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## ANNEX B

### BASIS OF PAYMENT

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices, as specified below. Prices must be Canadian currency. Applicable taxes are extra, if applicable, and to be shown as a separate item on any resulting invoice.

Pricing must be firm unit price including all costs associated with providing the requirement in accordance with requirement at Annex A, including all shipping, customs and offloading charges, FOB destination.

#### FOB Destination:

C3E3C  
4115 Manhattan Road SE  
Calgary AB T2G 4B3

#### 1. INITIAL REQUIREMENT – Must be delivered within 12 weeks from contract award

Item	Description	Qty (A)	Unit of Issue	Unit Price CAD only (B)	Extended Price CAD only (AxB)
1	<b>Bank Operated Cableway System,</b> per Annex A – Requirement.	20	each	\$	\$
2	<b>Delivery including freight, customs and offloading charges, FOB Destination to Calgary AB.</b>	1	lot	\$	\$
<b>SUB-TOTAL:</b>					\$
<b>Taxes (as applicable):</b>					\$
<b>TOTAL:</b>					\$

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## 2. OPTION TO PURCHASE – for up to 2 years from contract award

The Contractor grants to Canada the irrevocable option to acquire up to 25 additional units. The Contracting Authority may exercise the options within 2 years from contract award by sending a written notice to the Contractor.

Delivery must be completed within 12 weeks from receipt of amended contract.

Item	Description	Qty (A)	Unit of Issue	Unit Price CAD only (B)	Extended Price CAD only (A x B)
1	Bank Operated Cableway System, per Annex A – Requirement.	Up to 25	each	\$	\$
2	Delivery including freight and offloading charges, FOB Destination to Calgary AB.	Up to 25	each	\$	\$
<b>SUB-TOTAL:</b>					\$
<b>Taxes (as applicable):</b>					\$
<b>TOTAL:</b>					\$

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## **ANNEX C to PART 3 OF THE BID SOLICITATION**

### **ELECTRONIC PAYMENT INSTRUMENTS**

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

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