

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

**Bid Receiving  
PWGSC  
33 City Centre Drive  
Suite 480C  
Mississauga  
Ontario  
L5B 2N5  
Bid Fax: (905) 615-2095**

**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> Hydrographic Winch	
<b>Solicitation No. - N° de l'invitation</b> KW405-140440/A	<b>Date</b> 2014-09-10
<b>Client Reference No. - N° de référence du client</b> KW405-140440	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$TOR-015-6666	
<b>File No. - N° de dossier</b> TOR-4-37046 (015)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-10-21</b>	<b>Time Zone Fuseau horaire</b> Eastern Daylight Saving Time EDT
<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> Abela, Aaron	<b>Buyer Id - Id de l'acheteur</b> tor015
<b>Telephone No. - N° de téléphone</b> (905) 615-2061 ( )	<b>FAX No. - N° de FAX</b> (905) 615-2060
<b>Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:</b> DEPARTMENT OF THE ENVIRONMENT 867 Lakeshore Road Burlington Ontario L7R4A6 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  
Ontario Region  
33 City Centre Drive  
Suite 480  
Mississauga  
Ontario  
L5B 2N5

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

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File No. - N° du dossier

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Buyer ID - Id de l'acheteur

tor015

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See attached ...

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KW405-140440

Amd. No. - N° de la modif.  
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TOR-3-36167

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tor015  
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**TITLE: Hydrographic Winch**

**PART 1 - GENERAL INFORMATION**

**1. Security Requirement**

There is no security requirement associated with this bid solicitation.

**2. Requirement**

The requirement is detailed under Article 2 of the resulting contract clauses.

**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 (2014-06-26) 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: sixty (60) days

Insert: ninety (90) days

**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.

**3. Enquiries - Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority no later than 10 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 Ontario, Canada.

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 hard copies)  
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
- 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.

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## **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 Financial Evaluation**

##### **1.1.1 Mandatory Financial Criteria**

Bidders must complete and submit with its bid, Annex "B" – Basis of Payment, Section 2.0 and 3.0 in Canadian funds, Applicable Taxes excluded, FOB destination, Canadian customs duties and excise taxes included.

- 1.1.2 The price used in the evaluation will be the Total Evaluated Price, which is calculated as follows:

- (a) Total Evaluated Price is the sum of the extended prices calculated by multiplying the quantity required by the proposed firm unit prices.

- 1.1.3 The price of the bid will be evaluated in Canadian Dollars, Applicable Taxes excluded, FOB destination, Transportation (delivery) cost, Canadian customs duties and excise taxes included.

### **2. Basis of Selection**

- 2.1 A bid must comply with all requirements of the bid solicitation to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

## **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.

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## **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](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" 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.

## **2. Additional Certifications Precedent to Contract Award**

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will so inform the Bidder and 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.

### **2.1 Rate or Price Certification**

C0001T (2007-05-25) Price Certification – Foreign Suppliers

### **2.2 OEM Certification**

Any Bidder that is not the Original Equipment Manufacturer (OEM) for every item of hardware proposed as part of its bid is required to submit the OEM's certification regarding the Bidder's authority to provide and maintain the OEM's hardware, which must be signed by the OEM (not the Bidder). No Contract will be awarded to a Bidder who is not the OEM of the hardware it proposes to supply to Canada, unless the OEM certification has been provided to Canada. Bidders are requested to use the OEM Certification Form included with the bid solicitation Annex C. Although all the contents of the OEM Certification Form are required, using the form itself to provide this information is not mandatory. For Bidders/OEMs who use an alternate form, it is in Canada's sole discretion to determine whether all the required information has been provided.

If the hardware proposed by the Bidder originates with multiple OEMs, a separate OEM certification is required from each OEM.

For the purposes of this bid solicitation, OEM means the manufacturer of the hardware, as evidenced by the name appearing on the hardware, on all accompanying documentation, on mandatory certification reports, and on any support software.

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

### **1. Security Requirement**

There is no security requirement applicable to this Contract.

### **2. Requirement**

The Contractor must provide Hydrographic Winch in accordance with the Requirement at Annex "A".

#### **2.1 Optional Goods and/or Services**

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

The Contracting Authority may exercise the option at any time before the end of the Contract by sending a written notice to the Contractor.

##### **2.1.1 Optional Hydrographic Winch**

The Contracting Authority may exercise the option at any time before March 31, 2016 by sending a written notice to the Contractor.

### **3. Standard Clauses and Conditions**

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

#### **3.1 General Conditions**

2010A (2014-06-26), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

#### **3.2 Supplemental General Conditions**

4001 (2013-01-28), Supplemental General Conditions - Hardware Purchase, Lease and Maintenance, apply to and form part of the Contract.

### **4. Term of Contract**

#### **4.1 Period of the Contract**

The period of the Contract is from Date of Contract Award to March 31, 2016.



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## 4.2 Delivery Date

All the deliverables must be received on or before March 31, 2015.

Delivery for optional quantity must be made within \_\_ (to be inserted at contract award) \_\_ weeks from the date the options are exercised.

## 5. Authorities

### 5.1 Contracting Authority

The Contracting Authority for the Contract is:

Aaron Abela  
Supply Specialist  
Public Works and Government Services Canada  
Acquisitions Branch  
Address: 33 City Centre Drive - Suite 480C, Mississauga, Ontario L5B2N5  
Telephone: (905) 615-2061  
Facsimile: (905) 615-2060  
E-mail address: aaron.abela@pwgsc.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:

Name: \_\_ (To be inserted at contract award) \_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone : \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

The Technical Authority 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.

### 5.3 Contractor's Representative

Name: \_\_ (To be inserted at contract award) \_\_

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone : \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

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## **6. Payment**

### **6.1 Basis of Payment - Firm Unit Price**

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 \$\_\_\_\_\_ (*amount to be inserted upon award*)\_\_\_\_. Customs duties are included and Applicable Taxes are extra.

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

### **6.2 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 Inspection and Acceptance**

The Project Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

## **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.
  - (b). One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

## **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,

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Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

#### **9. Applicable Laws**

The Contract 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 Bidder in its bid, if applicable*)

#### **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 supplemental general conditions 4001 (2013-01-28), Hardware Purchase, Lease and Maintenance;
- (c) the general conditions 2010A (2014-06-26), General Conditions - Goods (Medium Complexity);
- (d) Annex A, Requirement;
- (e) Annex B, Basis of Payment;
- (f) Certifications

#### **11. Insurance**

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

#### **12. SACC Manual Clauses**

B1501C (2006-06-16) Electrical Equipment

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## **ANNEX "A"**

### **REQUIREMENT**

The Research Support (RS) unit, Emergency Operational Analytical Laboratories and Research Support Division (EOALRSD), Water Science and Technology Directorate (WSTD), Science and Technology Branch (STB) of the Department of Environment (Environment Canada) conducts liminological research and monitoring and surveillance projects on the Great Lakes every summer from April to November onboard the CCGS Limnos in support of WSTD programs both for domestic and international commitments to EC's mandate. A portion of this research requires the collection of water and sediment samples for scientific and monitoring purposes. The RS unit has an urgent requirement for the supply of a light to medium duty hydrographic winch with the potential of procurement in the next five years for an additional unit to assist in the capital replacement of present operation systems.

#### **1. Requirement**

The Hydrographic Winch must utilize a heavy duty roller chain reduction, a gearbox and an electric motor. The drum is connected to the main shaft through a manual dog clutch. This allows the drum to free wheel during payout if required. A band brake acts directly on the winch drum and is manually adjustable. A spring applied brake acts on the electric motor shaft and provides failsafe braking for lifting loads. The brake applies automatically when the control is returned to the neutral centre position or in the event of power loss.

#### **2. General Requirements**

##### **2.1 Delivery and On-Site Acceptance**

Environment Canada Technical Authority or delegate must inspect the deliverable before acceptance either at the Contractor's site or Environment Canada delivery destination, where it will undergo a full acceptance test carried out by the contractor under the supervision of the EC team. Acceptance of the systems will only occur once all specifications have been met.

##### **2.2 Delivery Against the Contract**

All deliverables must be in accordance with best commercial standards. The Contractor must deliver production Hydrographic Winch in satisfaction of the contract requirements to:

Environment Canada  
Administration NWRI  
867 Lakeshore Rd PO Box 5050  
Burlington, Ontario. Canada  
L7R 4A6  
Contact : TBD

##### **2.3 Documentation**

The Hydrographic Winch must be provided with the following documentation in PDF format on or prior to the delivery date:

- 1 Mechanical drawings of the winch assembly with detailed bill of materials list.
- 2 Mechanical drawings with cross sections of the major components.

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- 3 Electrical schematics of the control system as completed.
  - 4 Electrical schematics of any and all electrical sub-assemblies.
  - 5 Instructions for the display.
  - 6 Preventative maintenance and lubrication schedule.
  - 7 Winch deck mounting instructions.
  - 8 Winch operator manual.
  - 9 Component literature.
  - 10 Copy of Contractor signed factory acceptance test.
  - 11 Warranty and Certificates.

### 3. Specifications

Deliverable: The Hydrographic Winch must meet or exceed each of the specifications outlined below:

#### 3.1 General Specifications:

- 3.1.1 The winch *must* have a stainless steel name plate with the following information stamped upon it:
  - a. Maximum load rating
  - b. Cable size
  - c. Weight
  - d. Serial number
  - e. Model number
  - f. Date of manufacture
  - g. Name of manufacturer
- 3.1.2 The winch must have all appropriate warning labels affixed.
- 3.1.3 Welding must be done in accordance with the requirements of the applicable drawings and specifications.
- 3.1.4 Before the commencement of any fabrication work, and upon request from the Inspection Authority, the Contractor must provide approved welding procedures and/or a list of welding personnel he intends to use in the performance of the Work. The list must identify the CWB welding procedure qualifications attained by each of the personnel listed and must be accompanied by a copy of each person's current CWB welding certification.
- 3.1.5 The main winch control must have the following:
  - 3.1.5.1 Power on, lighted
  - 3.1.5.2 Forward/Reverse with spring return to center 'dead man' type control
  - 3.1.5.3 Stop
  - 3.1.5.4 Emergence stop
  - 3.1.5.5 Winch speed control

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### 3.2 Technical Specifications:

- 3.2.1 Must have a minimum bare drum line pull of 909 kg (2000 lbs).
- 3.2.2 Must have a minimum full drum line pull of 682 kg (1500 lbs).
- 3.2.3 The drum capacity *must* hold minimum 610 m (2000 ft) of 6.35 mm (1/4") diameter stainless steel, non-rotating wire rope.
- 3.3.2 The winch *must* be supplied with 610 m (2000 ft) RRL 1 WRC 1/4" (19x7) Stainless 319, cable installed. The cable *must* be terminated with a stainless steel thimble.
- 3.3.3 The winch speed *must* be variable with a constant line speed from 0 to 1.5 m/second (0-5 feet/second) maximum.
- 3.3.4 Must have electrical requirements of 440V, 3 Phase, 60Hz.
- 3.3.5 The full load maximum current load *must* not exceed 30 amps.
- 3.3.6 *Must* have an automated mechanical level wind with a diamond screw level wind mechanism and steel guide rollers.
- 3.3.7 The frame and drum *must* be constructed of aluminium or steel.
- 3.3.8 Must have four lift points incorporated into the winch frame.

### 3.3. Mechanical Specifications:

- 3.3.1 The winch *must* have a manual release dog clutch to allow winch drum to free spool out.
- 3.3.2 The brake mechanism *must* be constructed of stainless steel.
- 3.3.3 The drum brake *must* be self-energizing band type, fitted with woven friction material lining.
- 3.3.4 The brake must be operated by a handle with a ratchet release.
- 3.3.5 The material used in construction of major components *must* be of aluminum and/or stainless steel.
- 3.3.6 All fasteners *must* be stainless.
- 3.3.7 The winch must swivel 360 degree on the mounting base.
- 3.3.8 The winch base plate *must* be 122 cm by 122 cm by 1.27 cm (48" x 48"x 1/2") with bolt holes on 55.9cm (22") centres.
- 3.3.9 The bolt down holes *must* be sized for 2.54 cm (1") bolts.
- 3.3.10 The level wind *must* have four guide rollers, top and bottom and two sides.
- 3.3.11 Guide rollers must be steel with sealed ball bearings. The top roller must be quickly removable to allow passage of thimbles and cable replacement. Sliding parts *must* be bronze. Four spare pawl's must be supplied. The level wind guide rolls must be positioned to allow the cable to exit the drum at 45 degrees +/-5 degrees from horizontal.
- 3.3.12 Grease fittings *must* be located on all moving components.
- 3.3.13 Gear boxes *must* be sealed and pressure compensated internally.
- 3.3.14 Drive chain(s) *must* be corrosion proof.
- 3.3.15 All rotating drive components must have guards installed.
- 3.3.16 The cable drum guard must allow operator to visually check cable status during winch operation.

3.3.17 The Contractor must ensure that welding is performed by a welder certified by the Canadian Welding Bureau (CWB) in accordance with the requirements of the following Canadian Standards Association (CSA) standards:

3.3.17.1 CSA W47.1-03, Certification for Companies for Fusion Welding of Steel (division level two); and

3.3.17.2 CSA W47.2-M1987 (R2003), Certification for Companies for Fusion Welding of Aluminum (division level two).

3.3.18 In addition, welding must be done in accordance with the requirements of the applicable drawings and specifications.

3.3.19 Before the commencement of any fabrication work, and upon request from the Inspection Authority, the Contractor must provide approved welding procedures and/or a list of welding personnel he intends to use in the performance of the Work. The list must identify the CWB welding procedure qualifications attained by each of the personnel listed and must be accompanied by a copy of each person's current CWB welding certification.

### 3.4 Electrical Description

3.4.1 Electrical motors *must* be wash down duty rated.

3.4.2 The electrical controls *must* be NEMA 4/4X rated.

3.4.3 Must have minimum of 6.1 m (20 feet) of SOOW 600V rating electrical cable with a Crouse-Hinds metallic connector.

3.4.4 Must have a fused main disconnect.

3.4.5 The main winch control *must* have the following:

3.4.5.1 Power on, lighted

3.4.5.2 Forward/Reverse with spring return to center 'dead man' type control

3.4.5.3 Stop

3.4.5.4 Emergence stop

3.4.5.5 Winch speed control

3.4.6 The winch control must display the cable line speed and total cable payed out in either imperial or metric units as selected by operator and must be legible in bright sunlight.

3.4.7 All wiring, components and assembly *must* meet Ontario Electrical Safety Authority (ESA) inspection and codes.

3.4.8 All electrical equipment supplied under the Contract must be certified or approved for use in accordance with the [Canadian Electrical Code](#), Part 1, before delivery, by a certification organization accredited by the Standards Council of Canada.

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TOR-3-36167

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tor015  
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## ANNEX "B"

### BASIS OF PAYMENT

- 1.0** The prices are all-inclusive firm prices in Canadian dollars, the Goods and Services Tax or the Harmonized Sales Tax excluded. FOB destination, Packaging, Transportation costs and the Canadian customs duties and excise taxes included.

### 2.0 FIRM REQUIREMENT

NOTE: (a) evaluation purposes, the Extended Price will be the proposed Firm Unit multiplied by the Maximum Optional Quantity.  
(b) Extended Price column will be deleted at the time of Contract Award.

Item	Description	Quantity	Firm Unit Price	Extended Price
1	For the supply and delivery of Hydrographic Winch as per specifications outlined in Annex "A", Requirement, and any other items or services required to complete the requirement as detailed in Annex A.  Bidder should specify make and model being offered.  Manufacturer: _____  Make and Model: _____	1 complete unit	\$	\$
	Total		\$	\$



### 3.0 OPTIONAL GOODS & SERVICES- Date of Contract Award to March 31, 2016.

Canada may purchase any or all of the optional goods and services at any time during the period of the contract. The optional quantities may be exercised in various quantities, from time to time in whole or in part.

Canada reserves the right to advance or delay the purchase of the optional quantities.

NOTE: (a) evaluation purposes, the Extended Price will be the proposed Firm Unit multiplied by the Maximum Optional Quantity.  
(b) Extended Price column will be deleted at the time of Contract Award.

#### Option to Purchase additional Hydrographic Winch

##### 3.1 Option to Purchase – April 1, 2015 to March 31, 2016

Delivery for optional quantity must be made within \_\_\_\_\_ weeks from the date the options are exercised.

Item	Description	Optional Quantity	Firm Unit Price	Extended Price
1	For the supply and delivery of Hydrographic Winch as per specifications outlined in Annex "A", Requirement, and any other items or services required to complete the requirement as detailed in Annex A.  Bidder should specify make and model being offered.  Manufacturer: _____  Make and Model: _____	1 unit	\$	\$
	Total		\$	\$

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## ANNEX C

### CERTIFICATIONS

#### Form 1

#### OEM Certification Form

This confirms that the original equipment manufacturer (OEM) identified below has authorized the Bidder named below to provide and maintain its products under any contract resulting from the bid solicitation identified below.

Name of OEM \_\_\_\_\_

Signature of authorized signatory of OEM \_\_\_\_\_

Print Name of authorized signatory of OEM \_\_\_\_\_

Print Title of authorized signatory of OEM \_\_\_\_\_

Address for authorized signatory of OEM \_\_\_\_\_

Telephone no. for authorized signatory of OEM \_\_\_\_\_

Fax no. for authorized signatory of OEM \_\_\_\_\_

Date signed \_\_\_\_\_

Solicitation Number \_\_\_\_\_

Name of Bidder \_\_\_\_\_