



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada
Pacific Region
401 - 1230 Government Street
Victoria, B.C.
V8W 3X4
Bid Fax: (250) 363-3344

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

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 - Pacific
Region
401 - 1230 Government Street
Victoria, B. C.
V8W 3X4

Title - Sujet Remote Operated Vehicle	
Solicitation No. - N° de l'invitation F7044-160248/A	Date 2016-12-02
Client Reference No. - N° de référence du client F7044-160248	
GETS Reference No. - N° de référence de SEAG PW-\$XLV-166-7134	
File No. - N° de dossier XLV-6-39189 (166)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-01-16	Time Zone Fuseau horaire Pacific Standard Time PST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Castle, David G.	Buyer Id - Id de l'acheteur xlv166
Telephone No. - N° de téléphone (250) 363-0110 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Fisheries and Oceans Canada See herein	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée See Herein	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
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)	
Signature	Date

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION	2
1.1 SECURITY REQUIREMENTS	2
1.2 STATEMENT OF WORK	2
1.3 DEBRIEFINGS.....	2
1.4 TRADE AGREEMENTS	2
PART 2 - BIDDER INSTRUCTIONS.....	2
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS	2
2.2 SUBMISSION OF BIDS	2
2.3 ENQUIRIES - BID SOLICITATION.....	2
2.4 APPLICABLE LAWS	3
PART 3 - BID PREPARATION INSTRUCTIONS.....	3
3.1 BID PREPARATION INSTRUCTIONS.....	3
3.2 SECTION I – TECHNICAL REQUIREMENT	3
3.3 SECTION II - FINANCIAL BID.....	4
3.4 SECTION III: CERTIFICATIONS	4
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION	4
4.1 EVALUATION PROCEDURES	4
4.2 BASIS OF SELECTION	4
PART 5 - CERTIFICATIONS.....	4
5.1 CERTIFICATIONS REQUIRED WITH THE BID	4
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION	5
PART 6 - RESULTING CONTRACT CLAUSES	5
6.1 SECURITY REQUIREMENT	5
6.2 STATEMENT OF WORK	5
6.3 STANDARD CLAUSES AND CONDITIONS	5
6.4 TERM OF CONTRACT.....	5
6.5 AUTHORITIES.....	6
6.6 PAYMENT	6
6.7 INVOICING INSTRUCTIONS.....	7
6.8 CERTIFICATIONS	7
6.9 SACC MANUAL CLAUSES.....	7
6.10 APPLICABLE LAWS	7
6.11 PRIORITY OF DOCUMENTS	8
ANNEX A - TECHNICAL STATEMENT OF REQUIREMENT.....	9
ANNEX B - DETAILED FINANCIAL BID PRESENTATION SHEET.....	13
ANNEX C – MANDATORY REQUIREMENTS	14
ANNEX D - INFORMATION REQUIRED FOR THE VERIFICATION OF INTEGRITY PROVISIONS.....	16
ANNEX E – BID PACKAGE CHECKLIST	17

PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement associated with this bid solicitation.

1.2 Statement of Work

The Canadian Coast Guard have a requirement for the supply and delivery of up three (3) Remotely Operated Vehicles (ROV) in accordance with the Statement of Work at Annex A. All deliverables are desired to be delivered on or before March 31, 2017.

There exists an option to acquire an additional four units as required.

1.3 Debriefings

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

1.4 Trade Agreements

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

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>) 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.

2.1.1 SACC Manual Clauses

B3000T, 2006-06-16, Equivalent Products
A9125T, 2007-05-25, Valid Labour Agreement

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.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 4 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 **British Columbia**.

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 – Two (2) hard copies
- Section II: Financial Bid – One (1) hard copy
- Section III: Certifications - One (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 (216mm 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>).

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.

3.2 Section I – Technical Requirement

In their technical bid, bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability in a thorough, concise and clear manner for carrying out the work.

In order to demonstrate their capabilities, the bidders must use the **ANNEX C – Mandatory Requirement, answering yes or no** in responding to the technical requirements of the solicitation. Failure to respond positively will deem the bid non responsive in this section.

The technical bid must demonstrate that the proposed units will be mechanically sound, operable and fit in all respects for the purposes intended.

3.2.1 Bidder's Check List and Technical Confirmation

The Bidders must submit a fully completed **Annex E - BID PACKAGE CHECKLIST** as part of their Technical Bid.

3.3 Section II - Financial Bid

Bidders must submit their financial bid in accordance with the **Detailed Financial Bid Presentation Sheet at Annex B.**

3.3.1 Exchange Rate Fluctuation

C3011T, 2013-11-06, Exchange Rate Fluctuation

3.4 Section III: Certifications

Bidders must submit the certifications 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 mandatory 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

In order to be compliant, the Bidder's proposal must, to the satisfaction of Canada:

- a) Meet all requirements of the Annex A, TSOR; and
- b) Provide all information as requested in PART 3 - BID PREPARATION INSTRUCTIONS

4.1.2 Financial Evaluation

SACC Manual Clause A0220T (2014-06-26), Evaluation of Price.

4.2 Basis of Selection

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive as per Annex C- Mandatory Requirement. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

A mandatory requirement is described using the words "shall", "must", "will" "is required" or "is mandatory."

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and associated information 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 in carrying out any of its obligations under the Contract, 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 verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority may 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>), 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>), 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 (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from Employment and Social Development Canada (ESDC) - Labour's website.

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

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 Requirement

There is no security requirement applicable to this Contract.

6.2 Statement of Work

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

6.2.1 Optional Goods

The Contractor grants to Canada the irrevocable option to acquire up to four (4) Remotely Operated Vehicles, as described at Annex A of the Contract under the same conditions and at the prices stated in *Annex B* of 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 twelve (12) months after contract award by sending a written notice to the Contractor.

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) 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 on or before _____.

6.4.2 Delivery Locations

As per Annex B.

6.4.3 Shipping Instructions - Delivered Duty Paid

Goods must be consigned and delivered to the destination specified in the contract:
Incoterms 2000 "DDP Delivered Duty Paid" to the delivery location listed under article 6.4.2.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Dave Castle
Title: Supply Specialist, Acquisitions, Marine
Public Works and Government Services Canada
Acquisitions Branch
Address: Suite 401 - 1230 Government Street, Victoria B.C. V8W 3X4
Telephone: 250-363-0110
E-mail address: david.castle@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 provided upon contract award

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 Inspection Authority

The Inspection Authority for the Contract is provided upon contract award

The Inspection Authority is the representative of the department or agency for whom the Work is being performed under the Contract and is responsible for inspection of the Work and acceptance of the finished work. The Inspection Authority may be represented on-site by a designated inspector and any other Government of Canada inspector who may from time to time be assigned in support of the designated Inspector.

6.5.4 Contractor's Representative

Name and telephone numbers of the person responsible for:

General Enquiries:

Name: _____ Telephone Number: _____
Facsimile Number: _____ E-mail address: _____

Delivery Follow-up:

Name: _____ Telephone Number: _____
Facsimile Number: _____ E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm Price of \$ _____. Customs duties and Goods and Services Tax or Harmonized Tax is extra, if applicable.

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

6.6.2 Limitation of Price

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

6.6.3 Method of Payment - Multiple Payments

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

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

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:

An electronic copy must be forwarded to the following e-mail address for verification:

Pac.Marine@pwgsc-tpsgc.gc.ca Attn: Isabel La Bonte

- a. Upon verification, the invoice will be issued to the Invoicing Authority for payment.

6.8 Certifications

Compliance with the certifications 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 or 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.

6.9 SACC Manual Clauses

D3015C - Dangerous Goods/Hazardous Products
D0018C - Delivery and Unloading

2007-11-30
2007-11-30

6.10 Applicable Laws

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

Solicitation No. - N° de l'invitation
F7044-160428A
Client Ref. No. - N° de réf. du client
F7044-160428A

Amd. No. - N° de la modif.
File No. - N° du dossier
XLV-6-39189

Buyer ID - Id de l'acheteur
xlV166
CCC No./N° CCC - FMS No./N° VME

6.11 Priority of Documents

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

1. The Articles of Agreement;
2. The General Conditions **2010A, 2016-04-04**, Goods (Medium Complexity);
3. Annex A - Statement of Work;
4. Annex B, Basis of Payment;
5. The Contractor's bid dated _____.

ANNEX A TECHNICAL STATEMENT OF REQUIREMENT - ROV

1 Environmental Parameters

- 1.1 Areas of operation include the Great Lakes, St. Lawrence Seaway and all Canadian waters within the existing Canadian Economic Exclusive Zone (EEZ), any extensions to the EEZ to be determined from Canada's submission to the Commission for the Limits of the Continental Shelf related to the United Nation Convention on the Law of the Sea, and adjacent international waters including occasional transits of tropical waters.
- 1.2 Areas of operation range from Canada's Arctic to the mid-summer heat of the lower Great Lakes and beyond the EEZ on both coasts in the summer and winter. The primary area of operation is from 50° W to 170° W longitude and from 41° N to 85° N latitude. However, allowance must be made to be able to circumnavigate North and South America as well as up to 1000 nm off any Canadian coast. A continuous ability to operate day and night and over extended times frames is necessary. In addition the system shall be able to work up to 90° N latitude.
- 1.3 Operations may take place in all climatic seasons in open water and in ice. These conditions include areas in the Arctic wind speeds of up to 100 knots and sea conditions of sea state 8 (9 to 14 metres).
- 1.4 It is recognized that the ROV described in this SOR will not be able to operate in all of these weather conditions. Considerations regarding the thrust and ability to control the ROV in current should be taken into account but size, portability and simple design should take precedence.

2. Duty Cycle Considerations

- 2.1 The ROV equipment will not be used as often as if a commercial diving company owned it. The equipment will often be stored and must be ready for use when needed. It is anticipated that the ROV be used 4-12 times a year. The ROV must be able to be stored in a ready state for at least six months without use. Since it may not be possible to outfit all ships with an inspection ROV the equipment could be shipped and moved from location to location, this may increase the frequency of use for the equipment.
- 2.2 To ensure quality and consistency of product, the successful bidder must have a quality management system and be certified as ISO 9001 compliant.
- 2.3 The computer and monitor of the top-side control unit for the Remotely Operated Vehicle will require the following IEC 60945 certification.

Monitor

- 8.2 Dry Heat2
- 8.3 Damp Heat
- 8.4 Low Temperature
- 8.7 Vibration
- Paragraphs 9 & 10 EMC

Computer

- 8.2 Dry Heat2
- 8.3 Damp Heat

8.4 Low Temperature
8.7 Vibration
Paragraphs 9 & 10 EMC

3. Power Considerations

- 3.1 The ROV shall operate using an AC power source. The Ships generate their own electrical power. Considerations shall be taken into account considering possible variation of electrical frequency and voltage. The possibility of blackout exists and equipment should be able to recover properly from a loss of electrical power. As much as possible the equipment should be able to simply be turned back ON after a power outage without impact to settings/configurations and without damaging the equipment. Any settings, set point, calibration values required for the system to properly operate must persist through a power cycle.
- 3.2 The ROV shall not require to be charged or need to have any battery type maintenance activities. It shall be able to be shelf ready, taken out of storage and ready to be used.

4. Operational Parameters

- 4.1 The operating system controls shall consist of the following:
- a) Sunlight readable TFT with LED backlit display (minimum 15" with 2000 NIT and 1024x768 resolution), The top side unit must consist of one complete unit with the exception of 4.1.b. 2000 NIT will be confirmed with a Spectra Cine SPSC810.
 - b) FPV (First Person View) Goggles and transmit antenna,
 - c) LiPo (lithium-ion polymer) battery and integrated charger for use with 4.1b only.
 - d) Wireless video feed broadcast to multiple devices in real time,
 - e) LED Backlit display controls,
 - f) Composite Video output,
 - g) WiFi output and antenna,
 - h) Manual submersible controls,
 - i) Depth gauge calibrated in Feet or Meters,
 - j) Depth gauge resolution 0.1 unit (meters or feet),
 - k) Built-in digital video recording (DVR) with swappable SD Card all mounted inside a rugged waterproof case.
 - l) The case containing the operational controls shall be capable to be moved by a single person and able to be manoeuvred safely on stairs and through ships doors/hatches.
 - m) The Submersible Unit shall be supplied with two high powered thrusters capable of providing up to 5 knots.
 - n) The submersible unit shall be supplied with a front facing 1080p camera with full tilt control.

- o) The submersible unit shall be supplied with a high resolution rear facing camera that is internally mounted inside the submersible.
- p) 2x 10 watt ultra-bright LED and one (1) rear facing mini ultra-bright strobe LED for emergency recovery,
- q) Tether deployment reel complete with neutrally buoyant 76 m Primary tether with 40 M secondary tether.
- r) The tether must make use of water tight cable connections.
- s) The submersible unit shall be constructed of 100% aluminum housing.

5 Portability

- 5.1 The ROV shall be able to inspect the ship's hull
- 5.2 The ROV shall be able to operate in fresh water and salt water.
- 5.3 The ROV shall be able to be operated from a Rigid Hulled Inflatable Boat (Zodiac 753 or equivalent) and from a work barge using a small portable generator as power source.
- 5.4 Any required setting and set points required to be programmed into the system shall persist through a power cycle so that an operator only needs to turn the equipment ON and OFF.

6 User Interface Requirements

- 6.1 The ROV shall be controlled using a simple joystick.
- 6.2 The raw video feed shall display the present Date and Time, Depth, Heading, Attitude (tilt, roll, and pitch), and water temperature of the ROV's activities.
- 6.3 The data listed in 6.2 must be available in real time as well as on the recordings.
- 6.4 The ROV on-screen display shall be able to display the data listed in 6.2 in either a graphical or a textual format.
- 6.5 The ROV system shall be able to record digital Video and still pictures with a date of timestamp overlay. These recordings shall be easily saved and transferred to a media type that is compatible with today's computers. (Examples: SD card, Micro SD, USB).
- 6.6 Magnetometer, accelerometer data shall be added to the display. The monitor shall display a date and Time, Depth, Heading and Temperature of the activities for reference to the operator but also to be displayed on the recordings.

7 Optional upgrade and accessory equipment

- 7.1 The ROV shall be able to be fitted with a small grabbing tool. This should be an optional piece of equipment to be added as an add-on.

-
- 7.2 The ROV shall be able to be fitted with a hull crawling type equipment to make it easier for operators to inspect a large area of a ship's hull. This should be an optional piece of equipment to be added as an add-on.
- 7.3 The ROV shall be able to be fitted with a thickness gauge for measuring the thickness of metal. This should be an optional piece of equipment to be added as an add-on.
- 7.4 The ROV shall be able to be fitted with a positioning and tracking system to be able to know the location of the ROV with regards to the operator. This should be an optional piece of equipment to be added as an add-on.

8 Training

- 8.1 The ROV operators will need to be trained by the manufacturer of the equipment or trainer/training facility that has been approved by the manufacturer. The details will be addressed with the successful bidder after the award of the contract.
- 8.2 CCG shall have the right to copy and/or translate the manuals in both official languages.

9 Weight restriction for submersible unit.

- 9.1 The weight of the submersible shall not exceed 15 kilograms.

ANNEX B - DETAILED FINANCIAL BID PRESENTATION SHEET

B-1 Evaluation of Price

The price of the bid will be evaluated in Canadian dollars, customs duties are included and applicable taxes are extra, Incoterms 2000 Delivered Duty Paid (DDP) to destination.

a.	Unit #1 – 1 Remotely Operated Vehicle (ROV) As per Annex A. With included delivery Incoterms 2000 DDP to: Canadian Coast Guard (CCG) – Supply Depot, St. John's NL. A1C 5X1	\$ _____
b.	Unit #2 – 1 ROV As per Annex A. With included delivery Incoterms 2000 DDP to: CCG – Building BIO Vulcan Room B126, Dartmouth, Nova Scotia B2Y 4T3	\$ _____
c.	Unit #3 – 1 ROV As per Annex A. With included delivery Incoterms 2000 DDP to: CCG – Ateliers Entretien, 101 Boul. Champlain, Quebec, QC G1K 7Y7	\$ _____
d.	Option Unit #1 – 1 ROV Location TBD – delivery to be addressed in contract.	\$ _____
e.	Option Unit #2 – 1 ROV Location TBD – delivery to be addressed in contract.	\$ _____
f.	Option Unit #3 – 1 ROV Location TBD – delivery to be addressed in contract.	\$ _____
g.	Option Unit #4 – 1 ROV Location TBD – delivery to be addressed in contract.	\$ _____
h.	EVALUATION PRICE [a + b + c + d + e + f + g] For an EVALUATION PRICE of: (customs duties are included and applicable taxes are excluded)	\$ _____

B-2 ROV Delivery:

The delivery of the ROVs to the noted destinations must be completed by **March 31, 2017**.

ANNEX C – MANDATORY REQUIREMENTS

Please respond to each section.
All sections must be met for bidder to be considered responsive.

Supplier Name: _____

Evaluator's Name: _____

Date: _____

TSOR	MANDATORY REQUIREMENTS		
Section	Yes ✓	No ✓	Supporting Documentation or Statement of Compliance (Please indicate where this information can be found in your bid)
2.2			
2.3			
3.1			
3.2			
4(a)			
4(b)			
4(c)			
4(d)			
4(e)			
4(f)			
4(g)			
4(h)			
4(i)			
4(j)			
4(k)			
4(l)			
4(m)			
4(m)			
4(n)			
4(o)			
4(p)			
4(q)			

Solicitation No. - N° de l'invitation
F7044-160428A
Client Ref. No. - N° de réf. du client
F7044-160428A

Amd. No. - N° de la modif.

File No. - N° du dossier
XLV-6-39189

Buyer ID - Id de l'acheteur
xl166
CCC No./N° CCC - FMS No./N° VME

ANNEX D - INFORMATION REQUIRED FOR THE VERIFICATION OF INTEGRITY PROVISIONS

Please provide a list of names of the following entities, according to the ownership nature of the company

1. For a Corporation - each current member of the Bidder's Board of Directors;

2. For a Partnership, General Partnership or Limited Partnership - the names of all current partners;

3. For a Sole Proprietorship or an individual doing business under a firm name - the name of the sole proprietor or individual;

4. For a Joint Venture - the names of all current members of the Joint venture;

5. For an individual - the full name of the person

ANNEX E – BID PACKAGE CHECKLIST

Instruction to Bidders: Table E-1 is a check list for self-verification purposes.

Table E-1 Bidder's Bid Package Check List

E1.1

Notwithstanding deliverable requirements specified anywhere else within this bid solicitation and its associated Technical Specifications, the following are the only mandatory deliverables that must be submitted with the Bid documents at the time of bid closing. The following are mandatory and the Bidder must be compliant on each item to be considered responsive.

No	Part	Article	Description	Condition	Document provided
<u>Section I- Technical Bid</u>					
1		Front page	Request for Proposal document part 1 page 1 completed and signed;	Mandatory with the bid	<input type="checkbox"/>
2	3	3.2.1	Annex E - Bidder package Check list	Mandatory with the bid	<input type="checkbox"/>
3	Annex C	All	Mandatory Requirements – Annex C Technical Evaluation Plan	Mandatory with the bid	<input type="checkbox"/>
<u>Section II- Financial Bid</u>					
6	Annex B	All	Annex B- Detailed Financial Bid Presentation Sheet	Mandatory with the bid	<input type="checkbox"/>

E1.2 Supporting Deliverable Requirements

If the following information which supports the bid is not submitted with the Bid; it will be requested by the Contracting Authority, and it must be provided within 48 hours (2 business days) of the written request:

No	Part	Article	Description	Condition	Document provided
<u>Section I- Technical Bid</u>					
6	6	6.5.4	Contractor representative	48 hrs of written request	
<u>Section III- Certification</u>					
8	5	5.2.1	Annex D Information required for the Verification of Integrity Provisions	48 hrs of written request	<input type="checkbox"/>
9	6	6.10	Applicable laws	48 hrs of written request	<input type="checkbox"/>