

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
**Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada**
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
B3J 1T3
Bid Fax: (902) 496-5016

**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

Title - Sujet PORTABLE DEEPWATER MBES SYSTEM	
Solicitation No. - N° de l'invitation 23420-140050/A	Date 2013-07-03
Client Reference No. - N° de référence du client 23420-14-0050	
GETS Reference No. - N° de référence de SEAG PW-\$HAL-220-9024	
File No. - N° de dossier HAL-3-71047 (220)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-07-19	Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Dunphy, Nancy	Buyer Id - Id de l'acheteur hal220
Telephone No. - N° de téléphone (902) 496-5481 ()	FAX No. - N° de FAX (902) 496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATURAL RESOURCES BEDFORD INSTITUTE OF OCEANOGRAPHY 1 CHALLENGER DRIVE, P.O. BOX 1006 DARTMOUTH NOVA SCOTIA B2Y 4A2 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
Acquisitions
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
B3J 3C9

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

TITLE: LEASE OF PORTABLE DEEPWATER MULTIBEAM ECHOSOUNDER (MBES) SYSTEM

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PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with this bid solicitation

2. Statement of Requirement

The Department of Natural Resources Canada has a requirement for the supply of a **LEASED PORTABLE DEEPWATER MULTIBEAM ECHOSOUNDER (MBES) SYSTEM** for an estimated 45 days to be delivered to Natural Resources Canada, Bedford Institute of Oceanography, 1 Challenger Drive (P.O. Box 1006), Dartmouth, NS, Canada B2Y 4A2. The system will be installed and operated at sea by Government of Canada personnel. The purpose of the MBES is to collect swath data in water depths up to 2000 metres or deeper when mounted on a surface vessel. However, we acknowledge that systems capable of meeting this requirement may not be available, as such, suitable systems capable of collecting swath data in 1000m water depth or deeper may be considered.

3. Debriefings

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

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

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

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

The **2003 (2013-06-01)** Standard Instructions - Goods or Services - Non-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. FAXED bids are acceptable.

3. Enquiries - Bid Solicitation

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

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

4. Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in the Province of Nova Scotia.

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 (1 hard copy) (explain how you meet the requirement)
Section II: Financial Bid (1 hard copy) (ANNEX B)
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>). 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 carry out the work.

Section II: Financial Bid

Bidders must submit their financial offer in accordance with the **Annex B, Basis of Payment**. The total amount of Goods and Services Tax or Harmonized Sales Tax must be shown separately, if applicable.

Section III: Certifications

Bidders must submit the certifications required under Part 5.

1.1 Maximum Funding

The maximum funding available for the Contract resulting from the bid solicitation is **\$90,000.00** (Goods and Services Tax or Harmonized Sales Tax extra, as appropriate). Bids valued in excess of this amount will be considered non-responsive. This disclosure does not commit Canada to pay the maximum funding available.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

1.1 Mandatory and Technical Evaluation

Refer to ANNEX "C" Basis of Selection and Evaluation Criteria

1.2 Evaluation of Price

The price of the bid will be evaluated in Canadian dollars, the Goods and Services Tax or the Harmonized Sales Tax excluded, FOB destination, Canadian customs duties and excise taxes included.

2. Security Requirement

There is no security requirement associated with the requirement.

PART 5 - CERTIFICATIONS

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

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

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

1. Mandatory Certifications Required Precedent to Contract Award (SEE ANNEX D)

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.

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement associated with this bid solicitation.

2. Statement of Requirement:

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

3. Standard Clauses and Conditions

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

3.1 General Conditions

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

4. Term of Contract

4.1 Period of the Contract

The period of the Contract is from August 8th to September 22nd, 2013 inclusive.
See details in Annex A.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Nancy Dunphy

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Supply Officer
Public Works and Government Services Canada
Acquisitions Branch
Telephone: 902-496-5481
Facsimile: 902-496-5016
E-mail address: nancy.dunphy@pwgsc-tpsgc.gc.ca

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

5.2 Project Authority

The Project Authority for the Contract is: (TO BE NAMED IN CONTRACT)

The Project 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 Project Authority; however, the Project 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 To be completed by the bidder.

Name:
Title:
Address:

Tel:
Fax:
Email:

6. Payment

6.1 Basis of Payment

The Contractor will be paid firm per diem rates for rental/lease and other firm rates in accordance with Annex B, Basis of payment (attached), applicable taxes are extra.

6.2 Limitation of Expenditure

1. Canada's total liability to the Contractor under the Contract must not exceed \$ TO BE DETERMINED AT AWARD . Customs duties are included and Harmonized Sales Tax is extra.
2. No increase in the total liability of Canada or in the price of the Work resulting from any design changes, modifications or interpretations of the Work, will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been approved, in writing, by the Contracting Authority before their incorporation into the Work. The Contractor must not perform any work or provide any service that would result in Canada's total liability being exceeded before obtaining the written approval of the Contracting Authority. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:

a.when it is 75 percent committed, or
b.four (4) months before the contract expiry date, or
c.as soon as the Contractor considers that the contract funds provided are inadequate for the completion of the Work,
whichever comes first.

3.If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

6.3 Terms of Payment - Single Payment

Canada will pay the Contractor upon completion and delivery of the Work 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.

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.

Each invoice must be supported by:

a.a copy of time sheets to support the time claimed;
b.a copy of the release document and any other documents as specified in the Contract;
c.a copy of the invoices, receipts,and vouchers for all direct expenses;
d. Monthly/weekly rental description and any maintenance performed.

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.

8. Certifications

8.1 Compliance

Compliance with the certifications and related documentation provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification, provide the related documentation or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

9. Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in the Province of Nova Scotia.

10. Priority of Documents

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

- (a) the Articles of Agreement;
- (b) the general conditions **2010A (2013-04-25)** - Goods (Medium Complexity),
- (c) Annex A, Statement of Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated _____,

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.

ANNEX A Statement of Requirement

TITLE: LEASE OF PORTABLE DEEPWATER MULTIBEAM ECHOSOUNDER SYSTEM (MBES).

Natural Resources Canada has a requirement for a **PORTABLE DEEPWATER MULTIBEAM ECHOSOUNDER SYSTEM (MBES)**. The purpose of the multibeam echosounder system is to collect swath data in water depths up to 2000m or deeper when mounted on a surface vessel. However, we acknowledge that systems capable of meeting this requirement may not be available, as such, suitable systems capable of collecting swath data in 1000m water depth or deeper may be considered.

DELIVERY LOCATION:

Natural Resources Canada
Bedford Institute of Oceanography
1 Challenger Drive (P.O. Box 1006)
Dartmouth, NS, Canada B2Y 4A2

Operational Constraints/Environment

The multibeam echosounder will be installed on an over-the-side pole on a surface vessel. The transducer size **MUST** take this mounting arrangement into consideration as well as the appropriate cable length from transducer to topsides controller (15m minimum). Data will be collected at 5 knots through the water, but the transducer must be able to withstand up to 10 knots without damage. Size and hydrodynamics of the proposed systems transducer(s) **MUST** take this requirement into consideration.

The specifications for the proposed systems mounting frame that holds the transducers **MUST** be provided, including dimensions. NRCAN will be responsible for producing a suitable adapter mount between the supplied transducer mount and the NRCAN over-the-side pole.

The proposed system **MUST** be complete with transducer(s), transducer mount, all cabling as well as electronics controller/computer, associated cabling and software. A suitable Sound Velocity Probe for collecting Sound Velocity data at the head in realtime (with appropriate length cable) and interfacing directly into the Multibeam system is required.

The proposed system, including all components **MUST** be available for delivery to NRCAN/BIO on August 8th, 2013. The proposed leasing period is 45 days. This includes 10 days (mob-demob) and a minimum of 35 days operational. Final pricing should include day rates for mob/demob as well as operational day rates.

Water Depth and Swath Capabilities

Preferred are systems capable of 2000m or deeper in range. May consider systems capable of 1000m-2000m range.

-
- Swath of at least 3 times water depth.
 - Minimum number of beams > 150 equi-angle or equi-distant
 - RealTime interface to SVP probe (at the transducer location)

System Resolution and Frequency

- Minimum along track resolution of 2 degrees.
- Minimum across track resolution of 2 degrees at nadir.
- System nominal frequency < 150 kHz.

Transducer(s) total Weight (in Air)

- < 150 kg

Water Column DATA

- System MUST be capable of collecting water column data.

Data Processing

- All data collected with the proposed system MUST be fully compatible with CARIS HIPS processing Suite.

Operations Manuals and Technical Support

- The intention is to have the proposed system operated by Government of Canada personnel.
- All manuals and documents appropriate to installing/configuring/operating the system MUST be supplied with the successful system.
- 24 hour technical support for the proposed system must be available.
- Detailed technical support information MUST be supplied with the successful system.

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Annex B Basis of Payment

Bidders must provide a firm unit price in Canadian dollars, the Goods and Services Tax or the Harmonized Sales Tax excluded.

Table 1 - Contract Period - Estimated Leasing period is from approximately AUGUST 8th, 2013 to SEPTEMBER 22nd, 2013.

MBES to be supplied delivered and installed on Aug 8th and removed on Sept 22nd, 2013 unless Natural Resources Canada requests an extension.

All rates are all-inclusive. Taxes extra.

Description	Unit of Measurement	Estimated Quantity	Unit Price	Extended Price
Multibeam Echo Sounder System (MBES) - Operational Days	Per day	35	\$	\$
Mobilization of MBES	Per day	5	\$	\$
De-Mobilization of MBES	Per day	5	\$	\$
OTHER: (PROVIDE DETAILS)			\$	\$
			\$	\$
			\$	\$

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Evaluated Total \$

**ANNEX C
BASIS OF SELECTION AND EVALUATION CRITERIA**

Basis of Selection

1. To be considered responsive, a bid must:
- (a) comply with all the requirements of the bid solicitation;
 - (b) meet all the mandatory requirements below; and
 - (c) obtain the required minimum of 50 points for the POINT-Rated criteria specified in the solicitation.
- The total overall rating is performed on a scale of 100 points.

2. Bids not meeting (a) or (b) or (c) above will be given no further consideration. The responsive bid with the highest overall points and lowest price within the stated budget will be recommended for award of a contract. In the case of a tie the bid, the MBES that goes the deepest will be recommended for award.

To be considered compliant, a bid must meet all of the Mandatory requirements below. Bids not meeting all of these mandatory requirements will not be given any further consideration.

MANDATORY REQUIREMENTS

Cross-referenced page

1. The supplier MUST supply the following with their proposal:
- Maximum water depth sounding range, and swath width at this depth. _____
 - Sounding water depth at which the proposed system collects is maximum swath (water depth and swath width). _____
 - It is expected that provision of example dataset images is Required (to ascertain system compliance). _____
2. The specifications for the proposed systems's mounting frame That holds the transducers MUST be provided with the proposal _____
3. The proposed system MUST be complete with transducer(s), transducer mount, all cabling as well as electronics controller/ computer, associated cabling and software. _____
4. The proposed system, including ALL components MUST be available for delivery to NRCAN/BIO on August 8th, 2013. _____
5. Systems MUST be capable of collecting water column data. _____
6. All data collected with the proposed system MUST be fully

compatible with CARIS HIPS processing Suite. _____

Evaluated Criteria

Technical proposals will be evaluated in accordance with the following POINT RATED CRITERIA.

100 POINTS MAX / 50 POINTS MINIMUM

Note: Full points of 100 will be given to the system capable of meeting/collecting swath data at 2000 metres or deeper. As such 50 points will be given to suitable systems capable of collecting data in 1000m water depth. The bidder who meets all the mandatory requirements (see Annex C), with the highest points within budget will be recommended for award of a contract. Maximum points is 100, minimum points is 50. Systems proposed that do not reach a depth of 1000m will be considered non-compliant.

TECHNICAL PROPOSAL

(a) Deepwater Multibeam Echosounder System
- when mounted on the surface vessel can reach depths of 2000m or deeper. 100 POINTS

or

(b) Deepwater Multibeam Echosounder System
- when mounted on the surface vessel can reach depths of 1500m. 75 POINTS

or

(c) Deepwater Multibeam Echosounder System
- when mounted on the surface vessel can reach depths of 1000m. 50 POINTS

or

(d) Deepwater Multibeam Echosounder System
- when mounted on the surface vessel can reach depths of _____. _____ POINTS

(per 200m depth = 10 Points to a max of 100 points)

TOTAL POINTS: _____

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ANNEX "D"
Board of Directors

COMPLETE LIST OF EACH INDIVIDUAL WHO ARE CURRENTLY DIRECTORS OF THE BIDDER.

NOTE TO BIDDERS
WRITE DIRECTOR'S SURNAMES AND GIVEN NAMES IN BLOCK LETTERS