



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

Bid Receiving/Réception des soumissions

Procurement Hub | Centre d'approvisionnement
Fisheries and Oceans Canada | Pêches et Océans Canada
301 Bishop Drive | 301 promenade Bishop
Fredericton, NB E3C 2M6

Email - courriel: DFOTenders-soumissionsMPO@dfo-mpo.gc.ca

REQUEST FOR PROPOSAL

DEMANDE DE PROPOSITION

Proposal to: Fisheries and Oceans 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 and services listed herein and on any attached sheets at the price(s) set out therefor.

Proposition aux : Pêches et Océans 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 appendices ci-jointes, les biens et les services énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Title – Sujet Vessel and Crew to Support the Fisheries and Oceans Canada (DFO), Maritimes Region, Ocean Monitoring Program – Fall 2017		Date June 9, 2017
Solicitation No. – N° de l'invitation F5211-170235		
Client Reference No. - No. de référence du client F5956-170063		
Solicitation Closes – L'invitation prend fin At / à : 14:00 AST(Atlantic Standard Time) On / le : July 5, 2017		
F.O.B. – F.A.B Destination	GST – TPS See herein — Voir ci-inclus	Duty – Droits See herein — Voir ci-inclus
Destination of Goods and Services – Destinations des biens et services See herein — Voir ci-inclus		
Instructions See herein — Voir ci-inclus		
Address Inquiries to – Adresser toute demande de renseignements à Kimberly Walker Email – courriel: DFOTenders-soumissionsMPO@dfo-mpo.gc.ca		

Delivery Required – Livraison exigée See herein — Voir ci-inclus	Delivery Offered – Livraison proposée
Vendor Name, Address and Representative – Nom du vendeur, adresse et représentant du fournisseur/de l'entrepreneur:	
Telephone No. – No. de téléphone	Facsimile No. – No. de télécopieur
Name and title of person authorized to sign on behalf of Vendor (type or print) – Nom et titre de la personne autorisée à signer au nom du fournisseur (taper ou écrire en caractères d'imprimerie)	
Signature	Date



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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement associated with this bid solicitation

1.2 Statement of Work

The Work to be performed is detailed under Annex A of the resulting contract clauses.

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 from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.4 Procurement Ombudsman

The Office of the Procurement Ombudsman (OPO) was established by the Government of Canada to provide an independent avenue for suppliers to raise complaints regarding the award of contracts under \$25,000 for goods and under \$100,000 for services. You have the option of raising issues or concerns regarding the solicitation, or the award resulting from it, with the OPO by contacting them by telephone at 1-866-734-5169 or by e-mail at opo-boa@opo-boa.gc.ca. You can also obtain more information on the OPO services available to you at their website at www.opo-boa.gc.ca.

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.

Revision to Departmental Name: As this solicitation is issued by Fisheries and Oceans Canada (DFO), any reference to Public Works and Government Services Canada or PWGSC or its Minister contained in any term, condition or clause of this solicitation, including any individual SACC clauses incorporated by reference, will be interpreted as reference to DFO or its Minister.

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.

Section 01 – Integrity Provisions – Bid of 2003 referenced above is amended as follows:

Delete section 01 in its entirety.

Section 02 – Procurement Business Number – of 2003 referenced above is amended as follows:

Delete section 02 in its entirety.



2.2 Submission of Bids

Bids must be submitted only to Fisheries and Oceans Canada (DFO) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

Due to the nature of the bid solicitation, bids transmitted by facsimile to DFO will not be accepted.

2.3 Former Public Servant

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the Financial Administration Act, R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- a. an individual;
- b. an individual who has incorporated;
- c. a partnership made of former public servants; or
- d. a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the Public Service Superannuation Act (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the Supplementary Retirement Benefits Act, R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the Canadian Forces Superannuation Act, R.S., 1985, c. C-17, the Defence Services Pension Continuation Act, 1970, c. D-3, the Royal Canadian Mounted Police Pension Continuation Act, 1970, c. R-10, and the Royal Canadian Mounted Police Superannuation Act, R.S., 1985, c. R-11, the Members of Parliament Retiring Allowances Act, R.S. 1985, c. M-5, and that portion of pension payable to the Canada Pension Plan Act, R.S., 1985, c. C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes () No ()**

If so, the Bidder must provide the following information, for all FPSs in receipt of a pension, as applicable:

- a. name of former public servant;
- b. date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with Contracting Policy Notice: 2012-2 and the Guidelines on the Proactive Disclosure of Contracts.



Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes () No ()**

If so, the Bidder must provide the following information:

- a. name of former public servant;
- b. conditions of the lump sum payment incentive;
- c. date of termination of employment;
- d. amount of lump sum payment;
- e. rate of pay on which lump sum payment is based;
- f. period of lump sum payment including start date, end date and number of weeks;
- g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including Applicable Taxes.

2.4 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 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 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.

2.5 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 or territory where the goods and/or services are to be rendered.**

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/saved sections as follows:

Section I: Technical Bid (one hard copy **OR** one soft copy in PDF format)

Section II: Financial Bid (one hard copy **OR** one soft copy in PDF format)

Section III: Certifications (one hard copy **OR** one soft copy in PDF format)

Please note that DFO prefers receipt of proposals in soft copy to the email address identified on page one of the solicitation. Emails must not exceed 8 MB (if over the limit Bidders are asked to send additional numbered emails)

If there is a discrepancy between the wording of the soft copy and the hard copy, the wording of the hard copy will have priority over the wording of the soft 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.

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

4.1 Evaluation Procedures

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

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

Please see Annex E for details

4.1.1.2 Point Rated Technical Criteria

Please see Annex E for details

4.1.2 Financial Evaluation

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

4.2 Basis of Selection

- 4.2.1** Mandatory Technical Criteria
SACC Manual Clause (A0031T) (2010-08-16)



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.

5.1 Certifications Precedent to Contract Award and Certifications Required with the Bid

5.1.1 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 inform the Bidder of a time frame within which to provide the information. Failure to comply with the request of the Contracting Authority and to provide the certifications within the time frame provided will render the bid non-responsive.

5.1.1.1 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) 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.

5.1.2 Certifications Required with the Bid

Bidders must submit the following duly completed certifications with their bid.

5.1.2.1 Insurance

The Contractor must forward to the Contracting Authority, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force.

5.1.2.2 Contractor's Representative

The Contractor's Representative for the Contract is:

Name: _____
 Title: _____
 Address: _____
 Telephone: _____
 Facsimile: _____
 E-mail: _____



5.1.2.3 Supplementary Contractor Information

Pursuant to paragraph 221 (1)(d) of the Income Tax Act, payments made by departments and agencies under applicable services contracts (including contracts involving a mix of goods and services) must be reported on a T4-A supplementary slip.

To enable the Department of Fisheries and Oceans to comply with this requirement, the Contractor hereby agrees to provide the following information which it certifies to be correct, complete, and fully discloses the identification of this Contractor:

- a) The legal name of the entity or individual, as applicable (the name associated with the Social Insurance Number (SIN) or Business Number (BN), as well as the address and the postal code:

- b) The status of the contractor (individual, unincorporated business, corporation or partnership:

- c) For individuals and unincorporated businesses, the contractor's SIN and, if applicable, the BN, or if applicable, the Goods and Services Tax (GST)/Harmonized Sales Tax (HST) number:

- d) For corporations, the BN, or if this is not available, the GST/HST number. If there is no BN or GST/HST number, the T2 Corporation Tax number must be shown:

The following certification signed by the contractor or an authorized officer:

"I certify that I have examined the information provided above and that it is correct and complete"

Signature

Print Name of Signatory



PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirements

6.1.1 There is no security requirement applicable to this Contract.

6.2 Statement of Work

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

6.3 Standard Clauses and Conditions

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

Revision to Departmental Name: As this contract is issued by Fisheries and Oceans Canada (DFO), any reference to Public Works and Government Services Canada or PWGSC or its Minister contained in any term, condition or clause of this contract, including any individual SACC clauses incorporated by reference, will be interpreted as reference to DFO or its Minister.

6.3.1 General Conditions

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

Section 27 – Integrity Provisions – Contract of 2010C referenced above is amended as follows:

Delete section 27 in its entirety.

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from contract award through to November 15, 2017. The Contracted Work will consist of 52 working days, including 46 working days at sea.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Kimberly Walker
Title: Senior Contracting Officer
Department: Fisheries and Oceans Canada
Directorate: Materiel and Procurement Services
Address: 301 Bishop Drive, Fredericton, NB E3C 2M6
E-mail address: DFOtenders-soumissionsMPO@dfo-mpo.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 Project Authority

The Project Authority for the Contract is **(name to be provided at contract award)**

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone : ____ _

Facsimile: ____ _

E-mail address: _____

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.

6.5.3 Contractor's Representative (name to be provided at contract award)

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone : ____ _

Facsimile: ____ _

E-mail address: _____

6.6 Proactive Disclosure of Contracts with Former Public Servants

By providing information on its status, with respect to being a former public servant in receipt of a [Public Service Superannuation Act](#) (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with [Contracting Policy Notice: 2012-2](#) of the Treasury Board Secretariat of Canada.

6.7 Payment

6.7.1 Basis of Payment

6.7.1.1 In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price of \$ _____ *(insert amount at contract award)* and Applicable Taxes are extra.

6.7.1.1 All prices and amounts of money in the Contract are exclusive of the Goods and Services Tax (GST) or Harmonized Sales Tax (HST), whichever is applicable, unless otherwise indicated. GST or HST, to the extent applicable, will be incorporated into all invoices and progress claims for goods supplied or work



performed and will be paid by Her Majesty. The Contractor agrees to remit to Canada Revenue Agency any GST or HST paid or due.

- 6.7.1.2 Any payment by Her Majesty under this contract is subject to there being an appropriation for the fiscal year in which the payment is to be made.

6.7.2 Limitation of Price

SACC Manual clause [C6000C \(2011-05-16\)](#) Limitation of Price

6.7.3 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.

6.8 Invoicing Instructions

- 6.8.1 Payments will be made provided that:

6.8.1.1 The invoice(s) must be emailed to DFO Accounts Payable, at the email address indicated below:

Email: DFOinvoicing-MPOfacturation@DFO-MPO.GC.CA

6.8.1.2 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.

6.9 Certifications

6.9.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing associated information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the associated information, 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.

6.9.2 Federal Contractors Program for Employment Equity - Default by the Contractor

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



6.10 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in **the province or territory where the goods and/or services are to be rendered.**

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.

- (a) the Articles of Agreement;
- (a) the general conditions 2010C (2016-04-04), General Conditions - Services (Medium Complexity);
- (b) Annex A, Statement of Work;
- (c) Annex B, Basis of Payment;
- (d) Annex C, Insurance Conditions;
- (e) Annex D, Additional Vessel Conditions;
- (f) Annex E, Application Form and Mandatory Evaluation Criteria

6.12 Procurement Ombudsman

6.12.1 The Contractor confirms that it has read the Code of Conduct for Procurement and agrees to be bound by its terms.

6.12.2 The office of the Procurement Ombudsman (OPO) was established by the Government of Canada to provide an independent avenue for suppliers to raise complaints regarding the award of contracts under \$25,000.00 for Goods and under \$100,000.00 for Services. You have the option of raising issues or concerns regarding the solicitation, or the award resulting from it, with the OPO by contacting them by telephone at 1-866-734-5169 or by e-mail at opo-boa@opo-boa.gc.ca. You can also obtain more information on OPO services available to you on their website at www.opo-boa.gc.ca.

6.12.3 For further information, the Contractor may refer to the following PWGSC site:

<http://www.tpsgc-pwgsc.gc.ca/app-acq/cndt-cndct/contexte-context-eng.html>

6.13 Insurance – Specific Requirements G1001C (2013-11-06)

The Contractor must comply with the insurance requirements specified in Annex C. The Contractor must maintain the required insurance coverage for the duration of the Contract. Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract.

The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

The Contractor must forward to the Contracting Authority within ten (10) days after the date of award of the Contract, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force. For Canadian-based Contractors, coverage must be placed with an Insurer licensed to carry out business in Canada, however, for Foreign-based Contractors; coverage must be placed with an Insurer with an A.M. Best Rating no less than "A-". The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.



6.14 SACC Manual Clauses

SACC Manual clause [A9141C](#) (2008-05-12) Vessel Condition

SACC Manual clause [G5003C](#) (2014-06-26) Marine Liability Insurance



ANNEX "A" STATEMENT OF WORK

TITLE

Vessel and Crew to Support the Fisheries and Oceans Canada (DFO), Maritimes Region, Ocean Monitoring Programs – Fall 2017

CONTRACTING PERIOD

Upon contract award through to November 15, 2017

Project work will take place between September 2017 and November 15, 2017, and will consist of 52 working days (including 46 working days at sea to occur between two separate, consecutive ocean monitoring cruises).

OBJECTIVE

Fisheries and Oceans Canada is seeking availability of a capable non-Canadian Coast Guard (CCG) Oceanographic Research Vessel to conduct its Atlantic Zonal Offshore Monitoring Program (AZOMP) Fall 2017 ocean monitoring program and Atlantic Zonal Monitoring Program (AZMP) Fall 2017 ocean monitoring program as two separate, consecutive ocean monitoring cruises. Specifically, an Oceanographic Research Vessel is required for 52 days for the period of September 1, 2017 through to November 15, 2017, as per the following time requirements:

- Mobilization at Port of Halifax, Nova Scotia, CANADA – **2 days**
- AZOMP Monitoring Survey in the Labrador Sea, from the coast of Labrador, CANADA, to the coast of GREENLAND and up to 400 nm offshore south of Halifax – **26 days** at sea
- Mobilization/Demobilization at Halifax, Nova Scotia, CANADA – **2 days**
- AZMP Monitoring Survey on the Scotian Shelf and Gulf of Maine, including Cabot Strait, located in the offshore of Nova Scotia, CANADA, including a science staff transfer via small boat in Sydney Harbour, Nova Scotia, CANADA – **20 days** at sea
- Demobilization at Halifax, Nova Scotia, CANADA – **2 days**

The AZOMP/AZMP Fall 2017 ocean monitoring programs need to be conducted during this time period to allow for comparability of data and results with previous annual surveys conducted at this time and location.

BACKGROUND

The Science Branch, Fisheries and Oceans Canada, Maritimes Region, Dartmouth, Nova Scotia, CANADA, requires the complete services of an Oceanographic Research Vessel charter (vessel and crew) to deliver its AZOMP/AZMP in the Fall of 2017, to operate within the offshore waters of Nova Scotia and Labrador Sea between the coasts of Canada and Greenland. The monitoring programs were implemented with the aim of increasing DFO's capacity to understand, describe, and forecast the state of the marine ecosystem and to quantify the changes in the ocean's physical, chemical, and biological properties.

The AZOMP/AZMP Fall 2017 ocean monitoring programs will consist of two separate, consecutive ocean monitoring cruises. The AZOMP cruise will consist of up to 80 water sampling stations (e.g., Conductivity, Temperature, Depth (CTD), plankton nets, and water bottle samples) and 13 mooring deployments/recoveries. Sampling will consist of the AZOMP and normal ancillary work, with sampling up to 400 nautical miles offshore and up to water depths of 6000 m. The AZMP cruise will consist of up to 100 water sampling stations (e.g., Conductivity, Temperature, Depth (CTD), nets, and water bottle samples) and 18 mooring deployments/recoveries. Sampling will consist of the AZMP and normal ancillary work, with sampling up to 300 nautical miles offshore and up to water depths of 6000 m. In support of the AZOMP/AZMP monitoring programs, deepwater water sampling will require a 24-bottle rosette with 10- or 12-litre (L) bottles. Due to operational considerations, the mooring operations are conducted during the Fall surveys. The vessel needs enough deck space to carry all of the moorings associated with a particular cruise without returning to port during the mission. Moorings will be deployed



and recovered on the Scotian Shelf, several canyons on the Scotian Slope break, and in the Labrador Sea.

With the additional biological and chemical sampling, there is a demand for more laboratory space than for the standard AZOMP/AZMP work. The area of operation for AZOMP is the Labrador Sea between the coast of Labrador, CANADA, and coast of GREENLAND. The area of operation for AZMP is the offshore waters of the Scotian Shelf and Gulf of Maine, inclusive of Cabot Strait in the northeast to Browns Bank in the southwest, and across the Gulf of Maine between Nova Scotia and New Hampshire. These annual monitoring programs (typically) are carried out using CCG Oceanographic Research Vessels. In Fall 2017, however, CCG Oceanographic Research Vessels are not available for these programs due to overlap with other regional monitoring programs on-going elsewhere in the Canadian North Atlantic ocean.

REQUIREMENTS

The Statement of Work outlines all mandatory requirements that an Offshore Research Vessel will include to be considered capable of completing the AZOMP/AZMP Fall 2017 ocean monitoring programs. The Bidder must provide proof of Contractor capability and vessel's capacity to meet all mandatory requirements. Copies of all relevant certificates must be included in a Bidder's submission as proof. References to certificates (e.g., in Curriculum vitae) is not considered proof, as it cannot be substantiated. Should a Bidder not provide certain information, the Contracting Authority may follow-up with the Bidder to get the information for verification purposes. Despite this, the onus remains on the Bidder to submit all information and proof needed to clearly demonstrate that a requirement is met.

Vessel Requirements

- The vessel must be at least 55 metres (m) [180 feet] in overall length or it must be capable of conducting scientific water sampling and mooring deployment/recovery, as described below, in Sea-state 5 conditions (Beaufort Scale 6: wind speed 22-27 knots; wave height 2.5-4.0 m), which can be typical conditions in the survey areas in September to November.
- The Bidder must provide an unconditional, valid copy of the vessel's Transport Canada certificate Minimum Safe Manning Document – Convention with a Trading Area of *Unlimited Voyage*, or international equivalent, for the duration of the contract.
- The vessel must have valid Transport Canada Safety Inspection Certificates or international equivalents.
- The vessel must have lifesaving equipment sufficient for both the crew and 14 scientific personnel (14 individuals).
- The vessel must accommodate 14 scientific personnel (14 individuals consisting of both genders) required for the duration of the mission.
 - provide sleeping accommodations;
 - provide a minimum of 3 on-board meals per day;
 - provide drinking water; and
 - provide flushing toilets, sinks, showers and hot water.
- The vessel must have an oceanographic water-sampling system that consists of:
 - 24-bottle oceanographic rosette with 10- or 12-litre (L) bottles;
 - a launch and recovery system (LARS) – winch and a crane or A-frame – to launch and recover the oceanographic rosette;
 - a dedicated metering block;
 - 6000 m, minimum, of conducting cable on the winch;
 - a Seabird Electronics SBE 911Plus CTD system (DFO may provide additional sensors to be interfaced to the CTD); and



- a dedicated work space (minimum area - 2.4 m X 2.4 m [8 ft X 8 ft]) on deck for handling the rosette before launching and for sampling bottles upon its recovery.
- The vessel must provide a CTD rosette-mounted bottom-detection system capable of detecting when the rosette is approaching 30 m above the ocean bottom in order to stop the winch 5 m (10 m in rough weather) before the CTD rosette approaches the ocean bottom.
- The vessel must provide laboratory space for sample processing, with a total minimum area of 60 m² [650 ft²], and have:
 - sufficient capacity and bench space to accommodate water sample extraction/preparation;
 - have at minimum one (1) sink to dispose of seawater;
 - have access to a clean source of running sea-water;
 - have a working fume hood for the storage of chemicals; and
 - have means to secure equipment and supplies to lab benches, in support of science laboratory operations in heavy seas.
- The vessel must provide a stable (120V) power supply for up to 10 DFO computers in the lab(s).
- The vessel must have a local area network (LAN) for up to 10 DFO computers in the lab(s).
- The vessel must provide access to navigation data (National Marine Electronics Association (NMEA) data strings for position, speed, and heading) in the lab(s) for logging by DFO computers and instruments.
- The vessel must provide satellite internet service available to science personnel for e-mail communication to shore at a minimum of 30 GB of service over the 52-day period.
- The vessel must have sufficient dry space for storing DFO equipment and sample boxes (minimum 20 m³ [215 ft³]).
- The vessel must provide two freezers (4-ft x 2-ft x 2-ft and 3-ft x 2-ft x 2-ft or equivalent volume) and a standard-sized refrigerator for storage of scientific samples only. Freezers with a constant temperature of at least -18°C to -20°C are typically used; however, colder freezers with constant temperature ranges of -80°C and -40°C are also acceptable.
- The vessel must have a hull-mounted TRDI OS 75 kHz Acoustic Doppler Current Profiler (ADCP) and data acquisition system.
- The vessel must have a minimum available working deck space of 36 m² [400 ft²]. This area (for moorings and other operations) must not have any obstructions.
- The vessel must have a minimum available storage deck space of 36 m² [400 ft²] (for mooring equipment) that is accessible to the mooring operations working deck area.
- The vessel must have a winch with 2000 m, minimum, of suitable wire rope or cable, a dedicated metering block and a LARS – winch and a crane or A-frame – to deploy and recover DFO's vertically-towed zooplankton nets on one side of the ship (port or starboard). A source of seawater must be available nearby to wash down nets.
- The vessel must have a fantail A-frame with:
 - a minimum clearance height of 6 m [20 ft];
 - a minimum width 3 m [10 ft];
 - the capability to swing inboard 2 m [6 ft] and outboard 1.5 m [5 ft]; and
 - a minimum Working Load Limit (WLL) equal to 5 tons.



- The vessel must have a block (minimum WLL equal to 5 tons with a minimum sheave Ø 12 inches) mounted on the A-frame.
- The vessel must have a mooring winch with a:
 - minimum drum barrel of Ø15" [38 cm];
 - capacity of 4000 m [13,000 ft] for Ø1/4 mooring wire;
 - minimum line pull of 900 kgf [2000 lb]; and
 - position in-line for use with the fantail A-frame located on the stern.
- The vessel must have a telescoping marine crane with:
 - a minimum WLL equal to 5 ton;
 - a minimum lift height over the vessel rail of 10 m [33 ft]
 - a minimum outboard scope of the side of the vessel of 2 m [6.5 ft]; and
 - a crane whip cable length long enough to reach the water.
- The vessel must have a sufficient seating area for one (1) individual to sit/stand and look out the forward and side windows on one side of the bridge suitable for the observation of whales and birds throughout the daylight period, each day at seam, including a small space for a laptop.

Captain and Crew Requirements

- Captain and crew who can speak the English language must be available for each shift to ensure successful communication with scientific personnel.
- Crew must provide a familiarization tour of the ship for scientific personnel and inform them of safety equipment and procedures, ensuring the safety of equipment and personnel throughout duration of the contract, and provide safe working areas on the ship.
- Crew must be willing to assist with the loading and unloading of science equipment as required (e.g., shipboard crane operations, manual lifting if necessary, etc.).
- Crew must be willing to deploy/recover and/or assist with the deployment/recovery of oceanographic measurement devices and sea sampling equipment according to information provided by the Chief Scientist.

Vessel and Crew Availability

- The vessel and crew shall be available for the full period of the contract.
- The vessel and crew must be able to stay at sea for a period of up to 26 days.
- The vessel and crew must be willing to berth at various ports around Nova Scotia, CANADA.
- The vessel and crew shall accommodate two 12-hour science personnel shifts (0600h-1800h and 1800h-0600h). Crew deckhand(s) must be available to operate winches and cranes during each science personnel shift.
- A ship-supplied technician(s) must be on board and available 24-hours to trouble shoot, repair, and maintain ship-supplied science equipment and manage associated data collection. The technician(s) must also liaise with DFO science staff for the duration of the Contract.

SUPPORT AND EQUIPMENT PROVIDED BY CANADA

In support of the successful completion of the AZOMP/AZMP Fall 2017 ocean monitoring programs, DFO will provide the following personnel, equipment, and mission planning information:

- DFO will provide 14 scientific personnel (14 individuals) for each survey;
- DFO will provide a mission plan;



- DFO will work with the Contractor to obtain clearance for Marine Science Research for sampling in U.S. and Greenland waters through DFO's Vessel Clearance process, Global Affairs Canada and the U.S. State Department.
- DFO will provide zooplankton nets and other sampling instruments required for the program; and
- Prior to the commencement of the Contract, the Chief Scientists shall submit a written tentative Mission Plan that shall include:
 - date, time, and point of departure;
 - estimated time at sea;
 - estimated date, time, and point of arrival;
 - anticipated cruise track, including all station positions and area of operation;
 - statement of all scientific operations to be carried out; and
 - list of all scientific apparatus to be taken on board the vessel.

TIMEFRAME AND DELIVERY REQUIREMENTS

September 2017* – Mobilization: board the vessel at the port of Halifax, Nova Scotia, CANADA

- DFO equipment loading, installation of laboratories, and safety inspection(s) (**2 days**)

September/mid-November 2017* – Conduct the AZOMP/AZMP ocean monitoring surveys

- AZOMP Monitoring Survey in the Labrador Sea, from the coast of Labrador, CANADA, to the coast of GREENLAND (**26 days** at sea)
- Mobilization/Demobilization between surveys at Halifax, Nova Scotia, CANADA (**2 days**)
- AZMP Monitoring Survey along predetermined sampling lines/stations, including a science staff transfer via small vessel in Sydney Harbour, Nova Scotia, CANADA (**20 days** at sea)

Mid-November 2017* – Demobilization: return to the port of Halifax, Nova Scotia, CANADA

- Unloading of DFO equipment and survey samples (**2 days**)

*** Specific dates and times for Mobilization, Departure, Arrival, and Demobilization will be determined in consultation with the vessel operator upon Contract award.**

LICENSES AND PERMITS

The Contractor must obtain and maintain all permits, licenses, and certificates of approval required for the Work to be performed under any applicable federal, provincial, or municipal legislation. The Contractor is responsible for any charges imposed by such legislation or regulations. Upon request, the Contractor must provide a copy of any such permit, license, or certificate to Canada.



ANNEX "B" BASIS OF PAYMENT

The tender shall provide an all-inclusive cost on a 'Day' basis for the provision of all professional services, including all associated costs necessary to carry out the required work.

Payment will be made for costs reasonably and properly incurred in the performance of the work, in accordance with the Contractor's cost proposal and the Statement of Work.

All vessel operating costs: the cost of food for Fisheries and Oceans Canada (DFO) personnel and the crew, vessel maintenance and repair costs, fuel and oil, satellite internet service at the minimum amount specified in the Statement of Work, vessel transit to/from the Port of Halifax, Nova Scotia, CANADA, and any vessel wharf fees for the duration of the mission are the responsibility of the Contractor.

Contract Period – Starting in September 2017 until November 15, 2017 for 52 days

Total daily (all-inclusive) operating cost for the vessel for the provision of all professional services, including all associated costs necessary to carry out the required work:

Total Daily Cost \$ _____ in Canadian dollars (exclude HST/GST if applicable)

OR

*Total Daily Cost \$ _____ in _____ (include all applicable taxes)
specify currency

* Proposals submitted in other recognized standard global currencies (e.g., U.S. Dollar [US\$]; Euro [€]; Pound Sterling [£]) will be accepted, with the currency to be clearly identified. Proposals submitted in other recognized standard global currencies will be converted to Canadian dollars using the Bank of Canada daily exchange rate posted at Close of Business on the date bids are to be submitted (see: www.bankofcanada.ca/rates/exchange/). This value will be used for evaluation and potential contract purposes. Bidders are encouraged to seek clarity if uncertain what is considered to be a 'recognized standard global currencies'.



ANNEX "C" INSURANCE CONDITIONS

1. The Contractor must obtain Protection & Indemnity (P&I) insurance that must include excess collision liability and pollution liability. The insurance must be placed with a member of the International Group of Protection and Indemnity Associations or with a fixed market in an amount of not less than the limits determined by the [Marine Liability Act](#), S.C. 2001, c. 6. Coverage must include crew liability, if it is not covered by Worker's Compensation as detailed in paragraph (2.) below.
2. The Contractor must obtain Worker's Compensation insurance covering all employees engaged in the Work in accordance with the statutory requirements of the Territory or Province or state of nationality, domicile, employment, having jurisdiction over such employees. If the Contractor is assessed any additional levy, extra assessment or super-assessment by a Worker's Compensation Board, as a result of an accident causing injury or death to an employee of the Contractor or subcontractor, or due to unsafe working conditions, then such levy or assessment must be paid by the Contractor at its sole cost.
3. The Protection and Indemnity insurance policy must include the following:
 - a) Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada as additional insured should read as follows: Canada, represented by Public Works and Government Services Canada.
 - b) Waiver of Subrogation Rights: Contractor's Insurer to waive all rights of subrogation against Canada as represented by Fisheries and Oceans Canada and Public Works and Government Services Canada for any and all loss of or damage to the watercraft however caused.
 - c) Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of cancellation.
 - d) Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.
 - e) Litigation Rights: Pursuant to subsection 5(d) of the [Department of Justice Act](#), S.C. 1993, c. J-2, s.1, if a suit is instituted for or against Canada which the Insurer would, but for this clause, have the right to pursue or defend on behalf of Canada as an Additional Named Insured under the insurance policy, the Insurer must promptly contact the Attorney General of Canada to agree on the legal strategies by sending a letter, by registered mail or by courier, with an acknowledgement of receipt.

For the province of Quebec, send to:

*Director Business Law Directorate,
Quebec Regional Office (Ottawa),
Department of Justice,
284 Wellington Street, Room SAT-6042,
Ottawa, Ontario, K1A 0H8*

For other provinces and territories, send to:

*Senior General Counsel,
Civil Litigation Section,
Department of Justice
234 Wellington Street, East Tower
Ottawa, Ontario K1A 0H8*

A copy of the letter must be sent to the Contracting Authority. Canada reserves the right to co-defend any action brought against Canada. All expenses incurred by Canada to co-defend such actions will be at Canada's expense. If Canada decides to co-defend any action brought against it, and Canada does not agree to a proposed settlement agreed to by the Contractor's insurer and the plaintiff(s) that would result in the settlement or dismissal of the action against Canada, then Canada will be responsible to the



Contractor's insurer for any difference between the proposed settlement amount and the amount finally awarded or paid to the plaintiffs (inclusive of costs and interest) on behalf of Canada.



ANNEX "D" ADDITIONAL VESSEL CONDITIONS

1. The Contractor must keep and maintain the vessel, engines, gear and equipment in good and sufficient repair for the duration of the Contract and must pay for all necessary repairs, renewals and maintenance.
2. The Contractor must:
 - 2.1 indemnify and save harmless Canada from and against any claim for loss or damage to the vessel or any other property, engines, gear, or equipment, arising from the charter, and for injury or property of persons aboard the vessel, excepting any injury or damage to property of Canada's employees or agents;
 - 2.2 ensure that the operations are only carried out by Canada's authorized representatives as specified by the Project Authority;
 - 2.3 ensure that approved personal floatation devices for all persons on board are in readily accessible positions at all times;
 - 2.4 ensure that the use or possession of illegal drugs or alcohol is prohibited. If any member of the crew is found under the influence of such drugs and/or intoxicants while on duty, it will be cause for termination of the Contract for default.
3. If the vessel is disabled or is not in running order or is laid up without the consent of Canada, then Canada will not be liable for payment for the hire of the vessel during this period. If this period exceeds one week, Canada may terminate the Contract immediately for default.
4. If any gear or equipment necessary for the efficient operation of the vessel for the purpose of the Contract is not in good working order for any period of time, then the payment of hire will cease for the lost time, and if during the voyage the speed is reduced by a defect in or breakdown of any part of the hull, machinery or equipment, the time lost will be deducted from the hire. Canada will be the sole judge of the capability of the vessel.
5. If the vessel is unable to operate safely in the work area because of sea or weather conditions, as agreed to by the representative of the Contractor and the representative of Canada, then the charter for the day will be terminated and a pro-rated payment made to the Contractor for that period engaged in the Work in accordance with the terms of the Contract.
6. If the particulars furnished by the Contractor and set out in the Contract are incorrect or misleading, Canada may, at Canada's discretion, terminate the Contract for default.
7. If the vessel is lost or damaged to such an extent as to justify abandonment as for a constructive total loss, Her Majesty may terminate the Contract.
8. The Contractor, by these presents, does hereby remise, release and forever discharge Her Majesty and all employees of Her Majesty from all manners of action, claims or demands, of whatever kind or nature that the Contractor ever had, now has or can, shall or may hereafter have by reason of damage to or personal injury, or both as a result of or in any way arising out of the acts or omission of Her Majesty or employees of Her Majesty pursuant to the terms and conditions of the Agreement or any Contract.
9. The Contractor acknowledges and agrees that this Agreement or any Contract shall in no way replace, substitute or derogate from any of the rights powers if Her Majesty pursuant to the Fisheries Act of Canada or any other statute, law or regulation of Canada.
10. If a provision or term or condition of this Agreement or any Contract is wholly or partially invalid, this Agreement or Contract shall be interpreted as if the invalid provision, term or condition had not



been a part of this Agreement or Contract.

11. The Contractor shall permit Her Majesty all access and egress that is request by Her Majesty to accomplish all inspections deemed necessary by Her Majesty to administer the terms and conditions of this Agreement or Contract.
12. The vessel shall not participate in a commercial fishery while under the terms and conditions of this Agreement or Contract.
13. The Contractor certifies that any price/rate shown herein has been computed in accordance with generally accepted accounting principles applicable to all like products or services sold by the Contractor, that such price / rate is not in excess of the lowest price / rate charged anyone else including their most favoured customer for like quality and quantity of the service, and does not include the provision for discount or commission to selling agents.



ANNEX "E" APPLICATION FORM and EVALUATION CRITERIA

APPLICATION FORM

1. INSTRUCTIONS

- i) Proposals will be evaluated in accordance with the Mandatory Criteria and Statement of Work detailed herein. A Bidder's Proposal must clearly demonstrate that they meet the entire requirement in the Mandatory Criteria and Statement of Work for the Proposal to be considered for further evaluation. Proposals not meeting the Mandatory Criteria and Statement of Work will be excluded from further consideration.
- ii) All Proposals are to be submitted using this Contractor's Application Form provided. The Bidder must clearly demonstrate on the Contractor's Application Form how they meet each Mandatory Criteria and Statement of Work. The Bidder must provide all supplemental material referenced on the Contractor's Application Form, which supports the response (e.g., vessel schematics, Curriculum vitae, etc.) or serves as proof of a response for validation purposes (e.g. vessel certificates, crew certificates, etc.).
- iii) Bidders must provide proof of Contractor capability and vessel's capacity to meet the Mandatory Criteria and Statement of Work. Copies of all relevant certificates must be included in a Bidder's submission as proof. References to certificates (e.g., in Curriculum vitae) is not considered proof, as it cannot be substantiated. Should a Bidder not provide certain information, at its discretion the Contracting Authority may follow-up with the Bidder to get the information for verification purposes. Notwithstanding, the onus remains on the Bidder to submit all information and proof needed to clearly demonstrate that all Mandatory Criteria and Statement of Work requirements are met.
- iv) At the discretion of the Project Authority, a vessel inspection may take place after contract award and prior to commencement of the contract period.

COPY OF REGISTRATION AND ALL CERTIFICATES ARE MANDATORY WITH SUBMISSION

VESSEL SCHEMATICS AND A RECENT COLOUR PHOTOGRAPH THAT CLEARLY REFLECTS THE PRESENT APPEARANCE OF THE VESSEL ARE REQUIRED

2. PART I – VESSEL & OPERATOR INFORMATION

The Oceanographic Research Vessel named _____ is hereby offered for services by the undersigned and, on the date of signature by the operator(s), is equipped as listed and described below:

NAME OF OPERATOR(S)	Address	Phone
_____	_____	_____
_____	_____	_____

NAME OF CAPTAIN(S)	Address	Phone
_____	_____	_____
_____	_____	_____



NAME OF BOSUN(S)	Address	Phone

3. PART II – MANDATORY CRITERIA

MANDATORY CRITERIA	BIDDER RESPONSE
Vessel and Gear	
The Bidder must provide an unconditional, valid copy of the vessel's Transport Canada certificate <u>Minimum Safe Manning Document – Convention</u> with a Trading Area of <i>Unlimited Voyage</i> , or international equivalent, for the duration of the contract.	
The Bidder must provide proof that the vessel has experience conducting oceanographic water-sampling (i.e., CTD) and mooring operations within the last 2 years. Maximum depth of CTD casts within the last 2 years is to be identified.	
The Bidder must provide proof that the vessel meets the Marine Emergency Duty (MED), first aid, operator competency, and basic safety training requirements, as per applicable Transport Canada, or international equivalents, minimum certification and basic training requirements of non-pleasure vessels.	
Captain and Crew	
The Bidder must provide proof that the Captain(s) of the vessel possesses a certificate of competency that meets or exceeds the operation for size (gross tonnage) of the vessel and the area of Work (<i>Unlimited Voyage</i> or international equivalent).	



MANDATORY CRITERIA	BIDDER RESPONSE
The Bidder must provide proof that the Science Equipment Technician, Captain(s) and Bosun(s) have experience conducting oceanographic water-sampling (i.e., CTD) and mooring operations within the last 2 years.	
The Bidder must provide proof that the crew and individual crew members meet the Marine Emergency Duty (MED), first aid, operator competency, and basic safety training requirements, as per applicable Transport Canada, or international equivalents, minimum certification and basic training requirements for crews and individual crew members of non-pleasure vessels.	
The Bidder must provide documentation from an insurance broker or an insurance company licensed to operate in Canada stating that the Bidder, if awarded a contract as a result of the bid solicitation, can be insured in accordance with all conditions including Insurance Requirements.	
Health and Safety	
The Bidder must provide a Health and Safety Plan that is consistent with Transport Canada Safety Inspection Certificates or international equivalents.	



4. PART II – STATEMENT OF WORK REQUIREMENTS

STATEMENT OF WORK REQUIREMENTS	BIDDER RESPONSE
Vessel Requirements	
<p>The vessel must be at least 55 metres (m) [180 feet] in overall length or it must be capable of conducting scientific water sampling and mooring deployment/recovery, as described in the Statement of Work, in Sea-state 5 conditions (Beaufort Scale 6: wind speed 22-27 knots; wave height 2.5-4.0 m), which can be typical conditions in the survey areas in September to November.</p>	
<p>The Bidder must provide an unconditional, valid copy of the vessel's Transport Canada certificate <u>Minimum Safe Manning Document – Convention</u> with a Trading Area of <i>Unlimited Voyage</i>, or international equivalent, for the duration of the contract.</p>	
<p>The vessel must have valid Transport Canada Safety Inspection Certificates or international equivalents.</p>	
<p>The vessel must have lifesaving equipment sufficient for both the crew and 14 scientific personnel (14 individuals).</p>	
<p>The vessel must accommodate 14 scientific personnel (14 individuals consisting of both genders) required for the duration of the mission.</p> <ul style="list-style-type: none"> • provide sleeping accommodations; • provide a minimum of 3 on-board meals per day; • provide drinking water; and • provide flushing toilets, sinks, shower's and hot water. 	



STATEMENT OF WORK REQUIREMENTS	BIDDER RESPONSE
<p>The vessel must have an oceanographic water-sampling system that consists of:</p> <ul style="list-style-type: none"> • 24-bottle oceanographic rosette with 10- or 12-litre (L) bottles; • a launch and recovery system (LARS) – winch and a crane or A-frame – to launch and recover the oceanographic rosette; • a dedicated metering block; • 6000 m, minimum, of conducting cable on the winch; • a Seabird Electronics SBE 911Plus CTD system (DFO may provide additional sensors to be interfaced to the CTD); and • a dedicated work space (minimum area - 2.4 m X 2.4 m [8 ft X 8 ft]) on deck for handling the rosette before launching and for sampling bottles upon its recovery. 	
<p>The vessel must provide a CTD rosette-mounted bottom-detection system capable of detecting when the rosette is approaching 30 m above the ocean bottom in order to stop the winch 5 m (10 m in rough weather) before the CTD rosette approaches the ocean bottom.</p>	
<p>The vessel must provide laboratory space for sample processing, with a total minimum area of 60 m² [650 ft²], and have:</p> <ul style="list-style-type: none"> • sufficient capacity and bench space to accommodate water sample extraction/preparation; • have at minimum one (1) sink to dispose of seawater; • have access to a clean source of running sea-water; • have a working fume hood for the storage of chemicals; and • have means to secure equipment and supplies to lab benches, in support of science laboratory operations in heavy seas. 	
<p>The vessel must provide a stable (120V) power supply for up to 10 DFO computers in the lab(s).</p>	
<p>The vessel must have a local area network (LAN) for up to 10 DFO computers in the lab(s).</p>	



STATEMENT OF WORK REQUIREMENTS	BIDDER RESPONSE
The vessel must provide access to navigation data (National Marine Electronics Association (NMEA) data strings for position, speed, and heading) in the lab(s) for logging by DFO computers and instruments.	
The vessel must provide satellite internet service available to science personnel for e-mail communication to shore at a minimum of 30 GB of service over the 52-day period.	
The vessel must have sufficient dry space for storing DFO equipment and sample boxes (minimum 20 m ³ [215 ft ³]).	
The vessel must provide two freezers (4-ft x 2-ft x 2-ft and 3-ft x 2-ft x 2-ft or equivalent volume) and a standard-sized refrigerator for storage of scientific samples only. Freezers with a constant temperature of at least -18°C to -20°C are typically used; however, colder freezers with constant temperature ranges of -80°C and -40°C are also acceptable.	
The vessel must have a hull-mounted TRDI OS 75 kHz Acoustic Doppler Current Profiler (ADCP) and data acquisition system.	
The vessel must have a minimum available working deck space of 36 m ² [400 ft ²]. This area (for moorings and other operations) must not have any obstructions.	
The vessel must have a minimum available storage deck space of 36 m ² [400 ft ²] (for mooring equipment) that is accessible to the mooring operations working deck area.	
The vessel must have a winch with 2000 m, minimum, of suitable wire rope or cable, a dedicated metering block and a LARS – winch and a crane or A-frame – to deploy and recover DFO's vertically-towed zooplankton nets on one side of the ship (port or starboard). A source of seawater must be available nearby to wash down nets.	



STATEMENT OF WORK REQUIREMENTS	BIDDER RESPONSE
<p>The vessel must have a fantail A-frame with:</p> <ul style="list-style-type: none"> • a minimum clearance height of 6 m [20 ft]; • a minimum width 3 m [10 ft]; • the capability to swing inboard 2 m [6 ft] and outboard 1.5 m [5 ft]; and • a minimum Working Load Limit (WLL) equal to 5 tons. 	
<p>The vessel must have a block (minimum WLL equal to 5 tons with a minimum sheave Ø 12 inches) mounted on the A-frame.</p>	
<p>The vessel must have a mooring winch with a:</p> <ul style="list-style-type: none"> • minimum drum barrel of Ø15" [38 cm]; • capacity of 4000 m [13,000 ft] for Ø1/4 mooring wire; • minimum line pull of 900 kgf [2000 lb]; and • position in-line for use with the fantail A-frame located on the stern. 	
<p>The vessel must have a telescoping marine crane with:</p> <ul style="list-style-type: none"> • a minimum WLL equal to 5 ton; • a minimum lift height over the vessel rail of 10 m [33 ft] • a minimum outboard scope of the side of the vessel of 2 m [6.5 ft]; and • a crane whip cable length long enough to reach the water. 	
<p>The vessel must have a sufficient seating area for one (1) individual to sit/stand and look out the forward and side windows on one side of the bridge suitable for the observation of whales and birds throughout the daylight period, each day at seam, including a small space for a laptop.</p>	
Captain and Crew Requirements	
<p>Captain and crew who can speak the English language must be available for each shift to ensure successful communication with scientific personnel.</p>	



STATEMENT OF WORK REQUIREMENTS	BIDDER RESPONSE
Crew must provide a familiarization tour of the ship for scientific personnel and inform them of safety equipment and procedures, ensuring the safety of equipment and personnel throughout duration of the contract, and provide safe working areas on the ship.	
Crew must be willing to assist with the loading and unloading of science equipment as required (e.g., shipboard crane operations, manual lifting if necessary, etc.).	
Crew must be willing to deploy/recover and/or assist with the deployment/recovery of oceanographic measurement devices and sea sampling equipment according to information provided by the Chief Scientist.	
Vessel and Crew Availability	
The vessel and crew shall be available for the full period of the contract.	
The vessel and crew must be able to stay at sea for a period of up to 26 days.	
The vessel and crew must be willing to berth at various ports around Nova Scotia, CANADA.	
The vessel and crew shall accommodate two 12-hour science personnel shifts (0600h-1800h and 1800h-0600h). Crew deckhand(s) must be available to operate winches and cranes during each science personnel shift.	
A ship-supplied technician(s) must be on board and available 24-hour to trouble shoot, repair, and maintain ship-supplied science equipment and manage associated data collection. The technician(s) must also liaise with DFO science staff for the duration of the Contract.	

Please use all the space you need to provide your responses to each requirement



Signature of (primary) Captain _____

Signature of Registered Operator(s) _____

**PLEASE ENSURE THAT YOU HAVE PROVIDED ALL REQUIRED
INFORMATION AND DOCUMENTATION**

BASIS OF SELECTION:

Proposals **MUST** meet the entire requirement in the Statement of Work and Mandatory Criteria to be considered technically responsive. Those not meeting the Statement of Work and Mandatory Criteria will not be considered further.

Cost Evaluation

For those proposals identified as being technically responsive, the lowest cost proposal will be awarded the contract.