

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:

**Bid Receiving - PWGSC / Réception des
soumissions - TPSGC**

11 Laurier St. / 11, rue Laurier

Place du Portage , Phase III

Core 0A1 / Noyau 0A1

Gatineau

Québec

K1A 0S5

Bid Fax: (819) 997-9776

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 EMERGENCY LIFE SUPPORT STORES	
Solicitation No. - N° de l'invitation W8483-137107/A	Date 2013-02-21
Client Reference No. - N° de référence du client W8483-137107	
GETS Reference No. - N° de référence de SEAG PW-\$\$ML-002-23588	
File No. - N° de dossier 002ml.W8483-137107	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-04-04	Time Zone Fuseau horaire Eastern Standard Time EST
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: Wright, Muriel	Buyer Id - Id de l'acheteur 002ml
Telephone No. - N° de téléphone (819) 956-4886 ()	FAX No. - N° de FAX (819) 956-0897
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

Raison sociale et adresse du

fournisseur/de l'entrepreneur

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

Issuing Office - Bureau de distribution

**Marine Machinery and Services / Machineries et services
maritimes**

11 Laurier St. / 11, rue Laurier

6C2, Place du Portage

Gatineau

Québec

K1A 0S5

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W8483-137107/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

002ml

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No/ N° VME

W8483-137107

002mlW8483-137107

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PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with the requirement.

2. Statement of Work

The Work to be performed is detailed under Article **2., Statement of Work**, of the resulting contract clauses.

3. Debriefings

After contract award, 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 (2012-11-19) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days
Insert: ninety **(90) days**

1.1 SACC Manual Clauses

B4049T	2008-05-12	Long Lead Time Item List
B4052T	2008-05-12	Recommended Spare Parts List
B4057T	2008-05-12	Technical Publications - Manuals

1.2 Condition of Material -- Department of National Defence

Bidders must specify, by providing the information required below, if they offer to provide material that is new production of current manufacture, or not.

Material - New Production of Current Manufacture

If the material is new production of current manufacture supplied by the principal manufacturer or its accredited agent, it must conform to the latest issue of the applicable drawing, specification and part number, as applicable, that is in effect on the bid closing date.

Material - Not New Production of Current Manufacture

If the material is not new production of current manufacture, or is from a source other than the principal manufacturer or its accredited agent, it must be unused and in new condition. The material (end item) must not contain items which have been refurbished or previously placed in service. If the item contains elastomeric material, e.g., hoses, rubber, adhesive compounds, etc., the shelf life remaining can not be less than 75 percent from the date of manufacture to the procurement date.

Bidders must further provide the name of the manufacturer, the date of manufacture and the cure date if the item contains elastomeric material.

Material - New Production of Current Manufacture: _____ **OR**

Material - Not New Production of Current Manufacture: _____

Name of manufacturer: _____

Date of manufacturer: _____

Cure date if the item contains elastomeric material: _____.

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.

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

3. Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

4. Applicable Laws

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

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

Bidders are requested to quote at Annex "C", Quotation Sheet, **firm unit prices in Canadian currency** with **transportation costs** (shipping charges) to destination shown separately. No prices must be indicated in any other section of the bid.

Delivery dates, in days, are to be quoted at articles 4.1 and 4.2 of Part 6.

Bidders must submit the **certifications** required under Part 5.

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/white printing versus colour, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

1.1 Transportation Costs

SACC Manual clause C5200T 2010-01-11 Transportation Costs Information

1.2 Exchange Rate Fluctuation

SACC Manual clause C3011T 2010-01-11 Exchange Rate Fluctuation

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

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

1.1 Technical Evaluation

1.1.1 Mandatory Technical Criteria

All technical criteria specified in Annex `A` entitled `Statement of Work` are mandatory. The bidder shall demonstrate that all technical criteria will be met. Technical criteria not met will render the bid technically non-compliant with no further evaluation possible.

1.2 Financial Evaluation

SACC Manual clause A0222T 2010-01-11 Evaluation of Price

2. Basis of Selection

2.1 *SACC Manual* clause A0031T 2010-08-16 Basis of Selection - Mandatory Technical Criteria

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and related documentation to be awarded a contract. Canada will declare a bid non-responsive if the required certifications and related documentation are not completed and submitted as requested.

Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications, to provide the related documentation or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

1. Mandatory Certifications Required Precedent to Contract Award

1.1 Code of Conduct and Certifications - Related documentation

- 1.1.1 By submitting a bid, the Bidder certifies, for himself and his affiliates, to be in compliance with the Code of Conduct and Certifications clause of the Standard instructions. The related documentation hereinafter mentioned will help Canada in confirming that the certifications are true. By submitting a bid, the Bidder certifies that it is aware, and that its affiliates are aware, that Canada may request additional information, certifications, consent forms and other evidentiary elements proving identity or eligibility.

Canada may also verify the information provided by the Bidder, including the information relating to the acts or convictions specified herein, through independent research, use of any government resources or by contacting third parties. Canada will declare non-responsive any bid in respect of which the information requested is missing or inaccurate, or in respect of which the information contained in the certifications is found to be untrue, in any respect, by Canada. The Bidder and any of the Bidder's affiliates, will also be required to remain free and clear of any acts or convictions specified herein during the period of any contract arising from this bid solicitation.

Bidders who are incorporated, including those bidding as a joint venture, must provide with their bid or promptly thereafter a complete list of names of all individuals who are currently directors of the Bidder. Bidders bidding as sole proprietorship, including those bidding as a joint venture, must provide the name of the owner with their bid or promptly thereafter. Bidders bidding as societies, firms, partnerships or associations of persons do not need to provide lists of names. If the required names 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 will render the bid non-responsive. Providing the required names is a mandatory requirement for contract award.

Canada may, at any time, request that a Bidder provide properly completed and Signed Consent Forms (Consent to a Criminal Record Verification form- PWGSC-TPSGC 229) (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>) for any or all individuals aforementioned within the time specified. Failure to provide such Consent Forms within the time period provided will result in the bid being declared non-responsive.

2. Additional Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

2.1 Federal Contractors Program - Certification

- 2.1.1** The Federal Contractors Program (FCP) requires that some suppliers, including a supplier who is a member of a joint venture, bidding for federal government contracts, valued at \$200,000 or more (including all applicable taxes), make a formal commitment to implement employment equity. This is a condition precedent to contract award. If the Bidder, or, if the Bidder is a joint venture and if any member of the joint venture, is subject to the FCP, evidence of its commitment must be provided before the award of the Contract.

Suppliers who have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive government contracts over the threshold for solicitation of bids as set out in the Government Contracts Regulations. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than the reduction of their workforce to less than 100 employees. Any bids from ineligible contractors, including a bid from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

2.1.2 If the Bidder does not fall within the exceptions enumerated in 3.(a) or (b) below, or does not have a valid certificate number confirming its adherence to the FCP, the Bidder must fax (819-953-8768) a copy of the signed form LAB 1168, Certificate of Commitment to Implement Employment Equity, to the Labour Branch of HRSDC.

2.1.3 The Bidder, or, if the Bidder is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Bidder or the member of the joint venture

a.() is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, and/or temporary employees having worked 12 wks + in Canada;

b.() is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;

c.() is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC (having not bid on requirements of \$200,000 or more), in which case a duly signed certificate of commitment is attached;

d.() is subject to the FCP, and has a valid certificate number as follows: _____ (e.g. has not been declared an ineligible contractor by HRSDC).

Further information on the FCP is available on the HRSDC Web site.

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement associated with the requirement.

2. Statement of Work

The Contractor must perform the Work in accordance with the Statement of Work at Annex "A" and the Contractor's technical bid entitled _____, dated _____.

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 2012-11-19 General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

4. Term of Contract

4.1 Schedule of Milestones

The schedule of milestones is as follows below. Milestones for which payments will be made in accordance with the Milestone Payments of the Contract, at Annex "B", are indicated as a percentage of the contract value.

Milestone No.	Milestone/Deliverable	SOW/ RFP Ref.	Firm % of Contract Value Due	Delivery (days post award)
1	Test Plan	4.1.4		30
2	Long Lead Time Item List (LLTIL)	RFP 16.		
3	Top Level Assembly Drawings for approval	RFP 18.		
4	Recommended Spare Parts List (RSPL) with SPTD and PDSS	4.3.4; RFP 19.		
5	Electronic Training Documents for Approval	4.2.2		
6	Approved Electronic/Hard Copy Training Documents	4.2.2		30
7	Proposed Planned Maintenance Schedule (PMS)	4.3.2		30
8	Cataloguing Details	4.3.3		30
9	Agenda for Contract Kick-off Meeting	7, 7.1		40
10	Contract Kick-off Meeting	7, 7.1		45
11	Minutes from Contract Kick-off Meeting	7, 7.1	25%	50
12	One (1) each Electronic Operation & Technical Manual (OTM); Maintenance & Repair Manual (MRM)	4.3.1. c., e.		90
13	Agenda for Acceptance Test Review Meeting (30 days prior notice given to DND/PWGSC)	7, 7.2		5 days prior to meeting
14	Acceptance Test Review Meeting	7, 7.2		
15	Acceptance of Test Results	7, 7.2	25%	5 days post meeting
16	Ten (10) Pod Assemblies, NSN 4220-21-921-2354, with approved Top Level Assembly Drawings, Two (2) Years Sparing and two (2) copies each hard copy OTM, MRM	4.1.1, 4.1.6, 4.3.1 b., d.	50%	

4.2 Final Delivery

Qty 5 of Milestone item 16 shall be delivered complete to destination **HMC Dockyard Halifax, N.S.**, no later than _____.

Qty 5 of Milestone item 16 shall be delivered complete for delivery to destination **CFB Esquimalt, B.C.**, no later than _____.

5. Authorities

5.1 Contracting Authority (CA)

The Contracting Authority for the Contract is:

Muriel Wright, Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch, Marine Directorate
6C2 Place du Portage, Phase III
11 Laurier Street, Gatineau, Qc K1A 0S5

Telephone: (819) 956-4886

Facsimile: (819) 956-0897

E-mail address: muriel.wright@tpsgc-pwgsc.gc.ca

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

5.2 Requisitioning Authority (RA)

The Requisitioning Authority for the Contract is to be identified upon contract award.

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone : _____

Facsimile: _____

E-mail address: _____

The Requisitioning Authority is responsible for authorizing Work and implementing tools and processes required for the administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Requisitioning Authority however the Requisitioning Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of Work can only be made through a contract amendment issued by the Contracting Authority.

5.3 Technical Authority (TA)

The Technical Authority for the Contract is to be identified upon contract award.

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone : _____

Facsimile: _____

E-mail address: _____

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

5.4 Contractor's Representative

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

6. Payment

6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices for the milestones/deliverables identified under Article 4, Schedule of Milestones, as specified in Annex "B", 'Milestone Payments', for a total cost of \$ _____. Customs duties are included, and Goods and Services Tax or Harmonized Sales 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 CA before their incorporation into the Work.

6.2 Limitation of Price

SACC Manual clause C6000C 2011-05-16 Limitation of Price

6.3 Milestone Payments

SACC Manual clause H3010C 2010-01-11 Milestone Payments

6.4 SACC Manual Clauses

C2000C	2007-11-30	Taxes - Foreign-based Contractor
C2605C	2008-05-12	Canadian Customs Duties and Sales Tax - Foreign-based Contractor
C2611C	2007-11-30	Customs Duties - Contractor Importer
C2800C	2011-05-16	Priority Rating
C2801C	2011-05-16	Priority Rating - Canadian-based Contractors

7. Invoicing Instructions

- 7.1 The Contractor must submit a claim for payment using form PWGSC-TPSGC 1111, Claim for Progress Payment.

Each claim must show:

- a. all information required on form PWGSC-TPSGC 1111;
- b. all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
- c. the description and value of the milestone claimed as detailed in the Contract.

- 7.2 The Goods and Services Tax or Harmonized Sales Tax (GST/HST), as applicable, must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no GST/HST payable as it was claimed and payable under the previous claims for progress payments.

- 7.3 The Contractor must prepare and certify one original and two (2) copies of the claim on form PWGSC-TPSGC 1111, and forward it to the Requisitioning Authority identified under the section entitled "Authorities" of the Contract for appropriate certification after inspection and acceptance of the Work takes place.

The Requisitioning Authority will then forward the original and two (2) copies of the claim to the Contracting Authority for certification and onward submission to the Payment Office for the remaining certification and payment action.

- 7.4 The Contractor must not submit claims until all work identified in the claim is completed.

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 _____.

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 2012-11-19 General Conditions - Goods (Medium Complexity);
- (c) Annex "A", `Statement of Work`;
- (d) Annex "B", `Milestone Payments`; and
- (e) the Contractor's bid dated _____.

11. Defence Contract

SACC Manual clause A9006C 2012-07-16 Defence Contract

12. SACC Manual Clauses

B1505C	2006-06-16	Shipment of Hazardous Materials
B4019C	2007-11-30	United States Military Specifications and Standards
B4060C	2011-05-16	Controlled Goods
D2000C	2007-11-30	Marking
D2001C	2007-11-30	Labelling
D2025C	2008-12-12	Wood Packaging Materials
D3010C	2012-07-16	Dangerous Goods/Hazardous Products
D3014C	2007-11-30	Transportation of Dangerous Goods/Hazardous Products
D5510C	2012-07-16	Quality Assurance Authority (Department of National Defence) - Canadian-based Contractor
D5515C	2010-01-11	Quality Assurance Authority (Department of National Defence) - Foreign-based and United States Contractor
D5540C	2010-08-16	ISO 9001:2008 Quality Management Systems - Requirements (QAC Q)
D5604C	2008-12-12	Release Documents (Department of National Defence) - Foreign-based Contractor
D5605C	2010-01-11	Release Documents (Department of National Defence) - United States-based Contractor
D5606C	2012-07-16	Release Documents (Department of National Defence) - Canadian-based Contractor
D9002C	2007-11-30	Incomplete Assemblies

13. Condition of Material - Department of National Defence

Option 1

The Contractor must provide material that is new production of current manufacture supplied by the principal manufacturer or its accredited agent. The material must conform to the latest issue of the applicable drawing, specification and part number, as applicable, that was in effect on the bid closing date.

OR

Option 2

If the material is not new production of current manufacture, or is from a source other than the principal manufacturer or its accredited agent, it must be unused and in new condition, provided by an approved contractor with the latest approved modifications incorporated as applicable, and include the release notes.

Name of manufacturer: _____

Date of manufacture: _____

Cure date if the item contains elastomeric material: _____ .

14. Shelf Life

The Contractor must ensure that item(s) _____ will contain 75 percent of the authorized shelf life as listed in ISO 2230 at date of delivery to the Department of National Defence.

15. Additional Package Markings - Identical

15.1 The Contractor must ensure that in addition to the required interior and exterior package markings, the following information is provided:

- a. specification number
- b. manufacturer's name;
- c. drawing number;
- d. batch or lot number;
- e. qualification number;
- f. cure date of rubber components;
- g. data required by the contract or by the commodity specification;
- h. date of manufacture;
- i. date of repair or overhaul;
- j. name of repair or overhaul contractor;
- k. modification status;
- l. serial number; and
- m. expiration date of shelf life _____ ;

15.2 These markings must be applied and positioned in accordance with Canadian Forces Packaging Specification D-LM-008-002/SF-001.

16. Long Lead Time Item

16.1 The Contractor must, within six (6) months after contract award, provide to the Requisitioning Authority a Long Lead Time Item List (LLTIL) prepared in accordance with the current issue of Canadian Forces Specification D-01-100-214/SF-000. Any items with a procurement lead time (from placement of order to delivery) of greater than ____ months must be included in the LLTIL. Upon request from the Contractor, the specification will be provided by the Contracting Authority.

16.2 Supplementary Provisioning Technical Documentation (SPTD), as prepared by the actual manufacturer of the item, is required for the codification and cataloguing of all items listed in the LLTIL. The SPTD called up in the above specification must accompany the LLTIL as detailed in the specification. Specific details of the data elements required must be listed on a Provisioning Documentation Selection Sheet, prepared in accordance with the above specification, and be submitted in electronic ASCII text format.

16.3 Questions regarding the preparation, format or contents of the above provisioning documentation must be directed to the Requisitioning Authority.

17. Recommended Spare Parts List

- 17.1 The Contractor must, within thirty (30) days after contract award, provide to the Requisitioning Authority a Recommended Spare Parts List (RSPL) prepared in accordance with the current issue of Canadian Forces Specification D-01-100-214/SF-000. The RSPL must contain the Contractor's recommendation for spares required to maintain the equipment for a 24-month period, and must provide the basis for the spares selection to be made by DND. Upon request from the Contractor, the specification will be provided by the Contracting Authority.
- 17.2 Supplementary Provisioning Technical Documentation (SPTD), as prepared by the actual manufacturer of the item, is required for the codification and cataloguing of all items listed in the RSPL. The SPTD called up in the above specification must accompany the RSPL as detailed in the specification. Specific details of the data elements required must be listed on a Provisioning Documentation Selection Sheet, prepared in accordance with the above specification, and be submitted in electronic ASCII text format.
- 17.3 Questions regarding the preparation, format or contents of the above provisioning documentation must be directed to the Requisitioning Authority.

18. Technical Publications - Manuals

The Contractor must provide and clearly label all technical publications required for description, operation, installation, maintenance and repair of the deliverable end items as follows:

Unilingual Publications

The Contractor must provide the following publications as existing commercial or foreign government off-the-shelf manuals, in full compliance with the latest issue of C-01-100-100/AG-005, Adoption of Commercial and Foreign Government Publications. The Contractor must deliver the existing manuals to the _____ (insert "Technical" or "Procurement") Authority on or before _____ (insert the delivery date).

Right to Translate and Reproduce

The Contractor gives Canada the right to translate and reproduce, for government purposes, any or part of any publication provided under the Contract as existing unilingual commercial manuals.

19. Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and delivered:

- a. Free on Board (Destination) common carrier _____ (insert the place of destination) for shipments from the United States government; or
- b. Delivered Duty Paid (DDP) _____ (insert the named place of destination) Incoterms 2000 for shipments from a commercial contractor.

20. Release Documents - Distribution

The Contractor must prepare the release documents in a current electronic format and distribute them as follows:

- a. One (1) copy mailed to consignee marked: "Attention: Receipts Officer";
- b. Two (2) copies with shipment (in a waterproof envelope) to the consignee;
- c. One (1) copy to the Contracting Authority;
- d. One (1) copy to:

National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2

Attention: _____

- e. One (1) copy to the Quality Assurance Representative;
- f. One (1) copy to the Contractor; and
- g. For all non-Canadian contractors, one (1) copy to:

DQA/Contract Administration
National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2

E-mail: ContractAdmin.DQA@forces.gc.ca.

NOTE: For into-plane refuelling contracts b, c and d above are not required.

Solicitation No. - N° de l'invitation

W8483-137107/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

002ml

Client Ref. No. - N° de réf. du client

W8483-137107

File No. - N° du dossier

002mlW8483-137107

CCC No./N° CCC - FMS No/ N° VME

ANNEX "A"

STATEMENT OF WORK

(attached as separate document)

ANNEX "B"**MILESTONE PAYMENTS**

Milestone No.	Milestone/Deliverable	SOW/ RFP Ref.	Milestone Payment Due
1	Test Plan	4.1.4	
2	Long Lead Time Item List (LLTIL)	RFP 16.	
3	Top Level Assembly Drawings for approval	RFP 18.	
4	Recommended Spare Parts List (RSPL) with SPTD and PDSS	4.3.4; RFP 19.	
5	Electronic Training Documents for Approval	4.2.2	
6	Approved Electronic/Hard Copy Training Documents	4.2.2	
7	Proposed Planned Maintenance Schedule (PMS)	4.3.2	
8	Cataloguing Details	4.3.3	
9	Agenda for Contract Kick-off Meeting	7, 7.1	
10	Contract Kick-off Meeting	7, 7.1	
11	Minutes from Contract Kick-off Meeting	7, 7.1	25% *
12	One (1) each Electronic Operation & Technical Manual (OTM); Maintenance & Repair Manual (MRM)	4.3.1. c., e.	
13	Agenda for Acceptance Test Review Meeting (30 days prior notice given to DND/PWGSC)	7, 7.2	
14	Acceptance Test Review Meeting	7, 7.2	
15	Acceptance of Test Results	7, 7.2	25% *
16	Ten (10) Pod Assemblies, NSN 4220-21-921-2354, with approved Top Level Assembly Drawings, Two (2) Years Sparing and two (2) copies each hard copy OTM, MRM	4.1.1, 4.1.6, 4.3.1 b., d.	50% *

* Value in Canadian dollars to be reflected upon contract award.

Solicitation No. - N° de l'invitation

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Amd. No. - N° de la modif.

File No. - N° du dossier

002mlW8483-137107

Buyer ID - Id de l'acheteur

002ml

Client Ref. No. - N° de réf. du client

W8483-137107

CCC No./N° CCC - FMS No/ N° VME

ANNEX "C"**QUOTATION SHEET**

Milestone No.	Milestone/Deliverable	SOW/ RFP Ref.	Firm Unit Price
1	Test Plan	4.1.4	
2	Long Lead Time Item List (LLTIL)	RFP 16.	
3	Top Level Assembly Drawings for approval	RFP 18.	
4	Recommended Spare Parts List (RSPL) with SPTD and PDSS	4.3.4; RFP 19.	
6	Approved Electronic/Hard Copy Training Documents	4.2.2	
7	Proposed Planned Maintenance Schedule (PMS)	4.3.2	
8	Cataloguing Details	4.3.3	
12	One (1) each Electronic Operation & Technical Manual (OTM); Maintenance & Repair Manual (MRM)	4.3.1. c., e.	
16	Ten (10) Pod Assemblies NSN 4220-21-921-2354	4.1.1, 4.1.6, 4.3.1 b., d.	
16a	Approved Top Level Assembly Drawings		
16b	Two (2) Years Sparing		
16c	Two (2) copies each hard copy OTM, MRM		

Shipping Charges

Quantity 5 Pods (Milestone 16), Milestones 16a, b and c to destination
HMC Dockyard Halifax, N.S.

Quantity 5 Pods (Milestone 16), Milestones 16a, b and c to destination
CFB Esquimalt, B.C.

**STATEMENT OF WORK (SOW)
FOR
EMERGENCY LIFE SUPPORT STORES (ELSS) POD
ASSEMBLY
FOR
VICTORIA CLASS SUBMARINES**

Department of National Defence (DND)
Director General Maritime Equipment Program Management (DGMEPM)
Director Maritime Equipment Program Management (Submarines) (DMEPM SM)

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1 SCOPE

1.1 Purpose

The purpose of this procurement is to enhance the existing Emergency Life Support Stores (ELSS) capability through the acquisition of additional pod assemblies to support Disabled Submarine (DISSUB) replenishment operations.

1.2 Background

The Royal Canadian Navy is in the process of upgrading its Submarine Escape and Rescue (SMER) capabilities. An important aspect of this is the Submarine Escape and Rescue Capability (SERC) Project which will deliver a variety of enhancements and improvements across several SMER capability areas. Procurement of ELSS Pod Assemblies is one component of this project.

1.3 Acronyms

ELSS	Emergency Life Support Stores
SMER	Submarine Escape and Rescue
SERC	Submarine Escape and Rescue Capability
NATO	North Atlantic Treaty Organization
STANAG	Standardization Agreement
CA	Contracting Authority
SOW	Statement Of Work
DND	Department of National Defence
NCAGE	NATO Commercial and Government Entity code
NSN	NATO Stock Number
RSPL	Recommended Spare Parts List
TA	Technical Authority
VCS	Victoria Class Submarine
TDP	Technical Data Package
OQE	Objective Quality Evidence
PMS	Planned Maintenance Schedule
DSS	Deep Submergence System
SPTD	Supplementary Provisioning Technical Documentation
CFTO	Canadian Forces Technical Order

1.4 Definitions

1.4.1 Implodable Volume

Any pressure housing containing a noncompensated compressible volume at a pressure below the external ambient sea pressure (at any depth down to maximum operating depth) which has the potential to collapse. The outer shell volume is used when calculating the volume of an implodable. Subtracting the volume of items internal to the implodable is not allowed.

1.4.2 Explodable Volume

Any pressure housing containing a volume of gas, at a pressure above the external ambient sea pressure (at any depth) which has the potential to burst. Note that some volumes may be explodable at shallow depths and implodable at deeper depths.

1.4.3 Critical Implodable Volume

Any implodable volume, which by imploding, affects the safety of the Deep Submergence System (DSS) personnel.

1.4.4 Critical Explodable Volume

Any explodable volume, which by exploding, affects the safety of the DSS personnel.

2 APPLICABLE DOCUMENTS

2.1 Applicability

The following documents form part of this SOW to the extent specified herein, and are supportive of the SOW when referenced in Section 3.0 - REQUIREMENTS; all other document references are to be considered supplemental information only. Unless otherwise specified, the issue or amendment of documents applicable to this contract shall be those in effect on the date a contract is awarded. In the event of a conflict between the documents referenced herein and the contents of the SOW, then the contents of the SOW shall take precedence.

ISO 9001:2000	Quality Systems – Model for Quality Assurance in Design, Development, Production, Installation and Servicing
D-LM-008-036/SF-000	Department of National Defence Minimum Requirements for Manufacturer's Standard Packaging
D-01-100-214/SF-000	Preparation of Provisioning Documentation For Canadian Forces Equipment
D-01-400-001/SG-000	Standard - Engineering Drawing Practices For Class 1 Drawings And Technical Data List
D-01-400-002/SF-000	Specification - Drawings, Engineering And Associated Lists
C-01-100-100/AG-005	(1996-02-29), Acceptance of Commercial and Foreign Government Publications as Adopted Publications
A-P9-050-000/PT-004	Canadian Forces Manual of Individual Training – Design of Instructional Programmes
A-P9-050-000/PT-005	Canadian Forces Manual of Individual Training – Development of Instructional Programmes
US NAVY NAVSEA SS800-AG-MAN-010/P-9290	System Certification Procedures and Criteria Manual for Deep Submergence Systems
STANAG 1391 SMER (EDITION 3)	Requirements of a Distressed Submarine for the Receipt of Emergency Life Support Stores (ELSS) by Pod Posting

3 REQUIREMENTS

3.1 Equipment Description

ELSS Pod Assemblies are typically cylindrical in shape, domed at one end with a removable, sealable end-cap at the other. The pod size must allow it to fit into and be removed from the Victoria Class Submarine escape tower and/or torpedo tube receiving systems. The pod must also accept the standard range (dimensions and quantities) of ELSS items and allow for its gross weight to be adjusted by use of internal weights so as to ease handling by diver, ROV or manned submersible. [Approximately 7 to 11 kgs negative buoyancy is normal for pod handling by submersibles/ROV, somewhat less when pods will be handled by free divers].

3.2 Physical Characteristics

3.2.1 The pod shall be manufactured from a rigid, non-deforming material and shall have a means of equalizing internal/external pressure prior to opening. The pod shall be designed to withstand both internal to external (i.e. explosive) and external to internal (i.e. implosive) pressure differentials. The pod design shall incorporate features to allow for easy handling by mechanical grab and, for torpedo tube posting, a means of attaching a line or other mechanism to facilitate pod removal from the tube. Essential pod design parameters are as follows:

- a. Overall diameter (maximum) 356 mm;
- b. Overall length (maximum) 1240 mm;
- c. Cylindrical section internal diameter (minimum) 300 mm;
- d. Weight of empty pod in air (maximum) 60 kg;
- e. Operating depth capability 610 m;
- f. External test pressure 96 bar; and
- g. Internal test pressure 5 bar.

3.2.2 The ELSS Pod Assemblies shall be transportable by the existing Royal Canadian Navy ELSS Pod Carousel System (for holding and delivering ELSS Pod Assemblies in submarine rescue), NSN: 4220-21-921-2356, without damaging the Pod or carousel.

3.3 Performance Capabilities

- 3.3.1 To be interoperable with other NATO nations, the ELSS Pod Assemblies must meet the performance characteristics as stated within NATO STANAG 1391 SMER (EDITION 3) – Requirements of a Distressed Submarine for the Receipt of Emergency Life Support Stores (ELSS) by Pod Posting.
- 3.3.2 For interoperability, the ELSS Pod Assemblies must also be tested and documented as a critical implodable volume as stated US NAVY NAVSEA SS800-AG-MAN-010/P-9290 - System Certification Procedures and Criteria Manual for Deep Submergence Systems, Appendix C, C.5 TESTING NECESSARY FOR CRITICAL IMPLODABLE VOL and Appendix D, TESTING PARAMETERS FOR EXPLODABLE ITEMS DUE TO DECOMPRESSION, D.4 POROUS OR VENTED COMPONENTS.

4 DELIVERABLES

The Contractor shall provide/perform the following Deliverables:

4.1 ELSS Pod Assemblies

- 4.1.1 The contractor shall deliver a quantity of ten (10) ELSS Pod Assemblies, NSN: 4220-21-921-2354, as described in Section 3.
- 4.1.2 The contractor shall deliver each ELSS Pod Assembly with a certificate of conformance stating conformance with paragraph 3 Requirements.
- 4.1.3 The contractor shall deliver each ELSS Pod Assembly with Objective Quality Evidence (OQE) supporting the physical and performance requirements as stated in paragraphs 3.2 and 3.3 of this SOW and in accordance with US NAVY NAVSEA SS800-AG-MAN-010/P-9290 - System Certification Procedures and Criteria Manual for Deep Submergence Systems, Appendix C, C.7 TEST RECORD OQE REQUIRED FOR CRITICAL IMPLODABLE AND EXPLODABLE VOLUMES.
- 4.1.4 The contractor shall provide to DND, for the approval of the TA, a test plan within thirty (30) working days of contract award. The Contractor shall develop and implement this test plan. It shall consist of a comprehensive and integrated series of tests which fully demonstrate the requirements in this SOW (reference paragraph 7.2 for details regarding TA review of test results).
- 4.1.5 The contractor shall ensure that the pods are delivered with all components correctly adjusted, calibrated, and serviced such that the pod is ready for operational use.

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- 4.1.6 The contractor shall provide two (2) years sparing for ten (10) ELSS Pod Assemblies in accordance with the contractor provided Recommended Spare Parts List (RSPL) as described in paragraph 4.3.4 of this SOW.

4.2 Training

- 4.2.1 The Contractor shall acknowledge in their proposal that the Crown has the right to utilize any data, technical information, drawings, manuals, and other documents provided under this Contract for the development/modification of a training system or simulator, including provision of such information to a third party for the sole purpose of manufacture or modification of the training system or simulator. The Contractor shall identify in their proposal any conditions, restrictions, agreements or charges applicable to such use of information.
- 4.2.2 The contractor shall deliver the training documentation in the DND format (A-P9-050-000/PT-004, A-P9-050-000/PT-005 and A-PD-055-002/PP-002) for Lesson Plans and include student handouts. The training documentation shall cover at a minimum: maintenance and preservation of the pods, handling and shipping procedures using the Royal Canadian Navy ELSS Pod Carousel System NSN: 4220-21-921-2356, and any features specific to this pod assembly. Within thirty (30) days of contract award, the contractor shall submit one electronic copy in MS Word and Power Point format for approval by the TA; once approved by the TA, deliver the Lesson Plans and Student Handouts with the pods in both electronic and hard copy (Qty 1).

4.3 Technical Data Package (TDP)

- 4.3.1 The contractor shall deliver the following TDP in both hard and soft copy for adoption as a Canadian Forces Technical Order (CFTO) document. The publications shall be delivered in English as existing commercial or foreign government off-the-shelf manuals, in full compliance with the latest issue of C-01-100-100/AG-005.
- a. All electronic copies in the TDP shall be in the format as listed in the following table unless otherwise agreed to by Canada.

DATA TYPE	ELECTRONIC FORMAT
Text	Microsoft Word 2000 SR-1
Graphics	Microsoft Power Point 2000 SR-1, AutoCAD 2000i, Microsoft Visio 2000 SR-1
Spreadsheets	Microsoft Excel 2000 SR-1
Database	Microsoft Access 2000 SR-1
Schedule	Microsoft Project 2000 SR-1
Drawings	AutoCAD 2000i, Microsoft Visio 2000 SR-1

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- b. The contractor shall deliver two (2) hard copies of the Operation and Technical Manuals, in the contractor's format, with the delivery of the ELSS Pod Assemblies.
 - c. The contractor shall deliver one (1) electronic copy of the Operation and Technical Manual in the contractor's format, to the TA no later than three (3) months after contract award.
 - d. The contractor shall deliver two (2) hard copies of the Maintenance and Repair Manuals, in the contractor's format, with the delivery of the ELSS Pod Assemblies.
 - e. The contractor shall deliver one (1) electronic copy of the Maintenance and Repair Manual in the contractor's format, to the TA no later than three (3) months after contract award.
- 4.3.2 The contractor shall deliver a proposed Planned Maintenance Schedule (PMS) to the TA, in soft copy, for approval, no later than thirty (30) days after contract award. The approved PMS shall be delivered to the TA upon or before delivery of the pods.
- 4.3.3 The contractor shall deliver with the pods the top-level assembly drawings of the ELSS Pod Assemblies as per D-01-400-001/SG-000 and D-01-400-002/SF-000. TA approval of the top-level assembly drawings is required prior to final payment. The contractor shall provide with the pods the following information required for cataloguing the ELSS Pod (soft copy is preferred):
- h. Name and Description of Item;
 - i. Price;
 - j. NSN; (if existing)
 - k. OEM NCAGE number;
 - l. OEM Item Part Number; and
 - m. Detailed Assembly Drawing.
- TA approval of the information provided is required prior to final payment.
- 4.3.4 Within thirty (30) working days of contract award, the contractor shall provide to the TA, for approval, a Recommended Spare Parts List (RSPL), prepared in accordance with the current issue of Canadian Forces Specification D-01-100-214/SF-000. The RSPL shall contain the contractor's recommendation for spare items and levels required to maintain the equipment for a 5-year period. The contractor shall provide the basis for the spares selection to be made by the Department of National Defence (DND) based on historical usage in similar operating environments. The list shall be in MS. EXCEL format. Supplementary Provisioning Technical Documentation (SPTD), as prepared by the actual

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manufacturer of the item, is required for the codification and cataloguing of all items listed in the RSPL. The SPTD called up in the above specification must accompany the RSPL as detailed in the specification. Specific details of the data elements required shall be listed on a Provisioning Documentation Selection Sheet, prepared in accordance with the above specification and be submitted in electronic format. The information required shall include:

- a. Name and Description of Item;
- b. Price;
- c. NSN, if available;
- d. OEM NCAGE number;
- e. OEM Item Part Number; and
- f. Detailed Assembly Drawing or Specification Data Sheet.
- g. Shelf life

5 TRAVEL REQUIREMENTS

No travel will be required by the contractor.

6 CONTRACTOR FURNISHED EQUIPMENT

The contractor shall provide all test equipment and tools required.

7 MEETINGS

The contractor shall provide all the required meeting facilities. Meetings shall be held at the contractors facility.

7.1 KICK OFF MEETING

The contractor shall hold a project kickoff meeting with DND TA and CA forty-five (45) working days after contract award. The contractor shall provide the CA with a meeting agenda 5 business days prior and shall be responsible for recording and distributing meeting minutes no later than 5 business days after the kickoff meeting.

The agenda for the Kick Off Meeting shall include, but not be limited to, the review of the following deliverables:

- Test Plan as stated in paragraph 4.1.4 of this SOW;
- Training documentation as stated in paragraph 4.2 of this SOW;
- Planned Maintenance Schedule (PMS) as stated in paragraph 4.3.2 of this SOW;
- Top Level Assembly Drawings as stated in paragraph 4.3.3 of this SOW.

7.2 TEST REVIEW MEETING OF ELSS POD ASSEMBLIES

The contractor shall provide thirty (30) working days notice to the CA to allow for DND TA personnel to attend the acceptance testing of the ELSS Pod Assemblies.

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The contractor shall hold an acceptance test review meeting with DND TA and CA on the completion of testing of the ELSS Pod Assemblies.

The contractor shall provide the CA with a meeting agenda five (5) business days prior and shall be responsible for recording and distributing meeting minutes no later than five (5) business days after the test review meeting.