



**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 0B2 / Noyau 0B2

Gatineau

Quebec

K1A0S5

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 LIFE-SAVING SUIT,SUBMARINER	
Solicitation No. - N° de l'invitation W8482-183942/A	Date 2018-08-14
Client Reference No. - N° de référence du client 6000431351	
GETS Reference No. - N° de référence de SEAG PW-\$VCI-005-26942	
File No. - N° de dossier 005vci.W8482-183942	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-09-28	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Bettencourt, Maria	Buyer Id - Id de l'acheteur 005vci
Telephone No. - N° de téléphone (819) 939-3255 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE ATTN DGMEPM NP - DMARP 101 COLONEL BY DR. OTTAWA Ontario K1A0K2 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Victoria Class Integrated Contract Support/Class de Victoria
soutien de contrat integre

455 De la Carriere Blvd - 2-SC06

Gatineau

Quebec

K1A0S5

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

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Client Ref. No. - N° de réf. du client
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Amd. No. - N° de la modif.
File No. - N° du dossier
W8482-183942/A

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

ANNEX "A" – STATEMENT OF WORK

ANNEX "B" – TECHNICAL STATEMENT OF REQUIREMENTS

ANNEX "C" – TESTING CRITERIA

ANNEX "D" – MANDATORY TECHNICAL CRITERIA REQUIREMENTS - BID EVALUATION PLAN

ANNEX "E" – DELIVERY SCHEDULE

ANNEX "F" – MILESTONE PAYMENT SCHEDULE

ANNEX "G" – FINANCIAL BID FORM

ANNEX "H" – ELECTRONIC PAYMENT INSTRUMENTS

**ANNEX "I" – FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY -
CERTIFICATION**

PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There are no security requirements associated with the requirement.

1.2 Requirement

The Department of National Defence (DND) has a requirement for Submarine Escape and Surface Survival Personnel Equipment (SESSPE) Escape Suits and Life Rafts for the Royal Canadian Navy (RCN) VICTORIA Class submarines. The SESSPE and Life Rafts will replace the current Submarine Escape and Immersion Equipment (SEIE) Escape Suits and Life Rafts. The primary function of the SESSPE Escape Suits and Life Rafts is to allow submariners to escape from a submarine and survive on the surface in the event of a distressed submarine (DISSUB). This procurement shall be accomplished by customization (if applicable) of tested Military Off The Shelf (MOTS) components and documentation. The SESSPE Escape Suits and Life Rafts must be compatible with a VICTORIA Class Submarine single man escape tower and Hood Inflation System (HIS).

The procurement will be done in two (2) phases. At the initial phase, Canada will procure a quantity of three (3) SESSPE Escape Suits with Life Rafts from each of the three (3) lowest priced compliant bidders. The three (3) SESSPE Escape Suits with Life Rafts will be tested at a third party, the Naval Engineering Test Establishment (NETE) located in Ville LaSalle, Québec.

The three (3) SESSPE Escape Suits with Life Rafts from each of the bidders will be tested for compliance, this as per DID-AT-01, "Test at Third Party", of Annex "A", "Statement of Work". The bidder with the lowest price that meets all the requirements of the "Test at Third Party" will be recommended for the award of the Optional quantities.

At the second phase, Optional quantity of six hundred (600) SESSPE Escape Suits with Life Rafts, forty-eight (48) SESSPE Training Suits and twelve (12) Training Life Rafts will be required.

This requirement includes all associated work described herein including the Statement of Work (SOW) at Annex "A".

The final inspection and acceptance of the new SESSPE Escape Suits and Life Rafts will be performed at the Naval Engineering Test Establishment in LaSalle, Québec.

1.3 Delivery Schedule

The Bidder shall propose in Annex "E" a delivery schedule to meet the requirements contained herein. Canada requires that the deliverables to be ready for acceptance, that is complete in all respects and with all testing successfully completed, when applicable, this in accordance with (IAW) the contract, no later than:

Batch #	Description	Quantity (Each)	Weeks after Contract Award (CA)
1	Initial SESSPE Escape Suits with Life Raft	3	3
OPTIONAL QUANTITIES			
2	SESSPE Escape Suits with Life Raft	150	26
	Technical Data Package IAW SOW Section 6	1	
3	SESSPE Escape Suits with Life Raft	150	38
	Training Suits	48	
	Training Life Raft	12	
4	SESSPE Escape Suits with Life Raft	150	50
5	SESSPE Escape Suits with Life Raft	150	62

1.4 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.

1.5 Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA), the Canadian Free Trade Agreement (CFTA), the Canada-Chile Free Trade Agreement (CCFTA), the Canada-Columbia Free Trade Agreement, the Canada-Panama Free Trade Agreement, the Canada-Peru Free Trade Agreement (CPFTA), World Trade Organization Agreement on Government Procurement (WTO-AGP), and the Canada-European Union Comprehensive Economic and Trade Agreement (CETA).

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) (<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](#) (2018-05-22) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Bid Validity Period

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days
Insert: 90 days

2.2 Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated in the bid solicitation.

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

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority **no later than 15 calendar days before the bid closing date**. Enquiries received after that time may not be answered.

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

2.4 Applicable Laws

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

3.1 Bid Preparation Instructions

Due to the nature of the bid solicitation, bids transmitted by epost Connect service and by facsimile will not be accepted.

Canada requests that bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid, four (4) hard copies and four (4) soft copies on CD-ROM in MS Word and ADOBE PDF formats.

Section II: Financial Bid, one (1) hard copy

Section III: Certifications, one (1) hard copy

If there is a discrepancy between the wording of the soft copy on electronic media 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 hard copy 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](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). 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 identified in Annex "B" – Technical Statement of Requirements and Annex "A" – Statement of Work.

The bidder must provide a company profile, indicating comparable project experience and technical capability. Therefore the company must:

Demonstrate 72 months of experience, within the last 12 years, designing and delivering Submarine Escape and Surface Survival Personnel Equipment (SESSPE) Escape suits with life rafts by providing specific examples of comparable projects. The Bidders must include at minimum the following reference information: client Navy, date of delivery or in-service date, quantity of SESSPE and life rafts, NATO Stock Number and/or manufacture part number for SESSPE and life raft, and any other justification to demonstrate similar experience.

The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that Bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, Bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

Each section of the Technical Bid should be written to the greatest extent possible on a stand-alone basis such that its content may be evaluated with a minimum of cross-referencing to other sections of the Bid. Cross-referencing within a proposal section is permitted where its use would conserve space without impairing clarity.

Except as specifically indicated in this solicitation, Canada will evaluate Bids on the actual documentation provided as part of the bid. References to additional information not submitted with the Bid such as, but not limited to: WEB site addresses, technical manuals or brochures not provided, or references to existing contracts, supply arrangements and standing offers with Canada, will not be considered.

The Technical Bid shall also include:

- (a) Statement of compliance to the SOW in a requirements matrix format;
- (b) Duly completed Annex "E" - Delivery Schedule; and
- (c) Duly completed Annex "D" – Mandatory Technical Criteria Requirements - Bid Evaluation Plan. Bidders must demonstrate how they meet each Mandatory Technical Criteria of the RFP, including provision of design drawings, other drawings, calculations and materials specified there.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment and Annex "G" Financial Bid Form. The Financial Bid Form must include a price for every Line Item in Annex "G" excluding taxes.

The Financial Bid shall also include:

- (a) The full legal name of the Bidder;
- (b) Complete contact information of the company representative responsible for the proposal;
- (c) Duly completed Annex "F" Milestone Payment Schedule; and
- (d) Duly completed and signed Annex "G" Financial Bid Form.

3.1.2 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "H" Electronic Payment Instruments, to identify which ones are accepted.

If Annex "H" Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.3 Exchange Rate Fluctuation

1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form [PWGSC-TPSGC 450](#), Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.
2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).
4. At time of bidding, the Bidder must complete columns (1) to (4) on form [PWGSC-TPSGC 450](#), for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
5. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

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

The Mandatory technical evaluation criteria are included in Annex "D", Mandatory Technical Criteria Requirements – Bid Evaluation.

4.1.2 Financial Evaluation

4.1.2.1 Mandatory Financial Evaluation

1. The financial evaluation will be based on the firm unit price with FCA Plant included, submitted with Annex "G" in the "Firm Unit Price, FCA Included, Applicable taxes excluded" column.

2. The term FCA Plant refers to the INCOTERMS definition. Meaning, the Contractor must properly package and prepare the item(s) and must load the goods onto the carrier designated by Canada. Onward shipment from the delivery point to the consignee will be Canada's responsibility. For more information on packaging please see part 6.13 of the resulting contract.
3. The bid will be evaluated in Canadian dollars, Applicable Taxes, Canadian customs duties and excise taxes excluded. Bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes with the rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation.

Canada requests that bidders provide optional price(s) for the delivery of the items using INCOTERMS DDP destination for information purposes only. The delivery prices submitted with the bid will not be evaluated and contract award will not be based on any price provided in the "Optional Delivery Price DDP Destination" column. Although Canada reserves the right to award the Contract either on an FCA plant or DDP destination if the DDP price provide is more economical than using Canada's internal transportation system.

4.2 Basis of Selection

- 4.2.1 A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria and financial evaluation criteria to be declared responsive. The three (3) responsive bids with the three (3) lowest evaluated prices will be recommended for award of a contract for the Initial quantity of Escape Suits with Life Rafts.
- 4.2.2 The Optional quantity of Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts will be exercised to the lowest-priced responsive Bidder completing the successful Testing at Third Party conducted by Canada IAW Annex "A", DID-AT-01 – Tests at Third Party.

4.3 Tests at Third Party

- 4.3.1 A team composed of representatives of Canada and the Naval Engineering Tests Establishment (NETE) will perform the Tests at Third Party.
- 4.3.2 The Tests at Third Party will be conducted IAW Annex "A", DID-AT-01 – Tests at Third Party. Canada will tests the Escape Suits with Life Rafts to confirm compliance with the requirement and to determine that bidders have built the Escape Suits and Life Rafts IAW the SOW at Annex A. The tests will take place approximately three (3) weeks after contract award. The Tests at Third Party will be pass or fail. All three (3) Escape Suits with Life Rafts shall meet all mandatory requirements of the Tests IAW Annex "A", DID-AT-01 – Tests at Third Party. A single failure on any suit or life raft will result as the bid being declared non-responsive and the bidder will not be given any further consideration for the Optional quantity.
- 4.3.3 The Naval Engineering Test Establishment (NETE) shall be the designated Inspection Authority for the Tests at Third Party. The Tests at Third Party shall be conducted at the following location:

Naval Engineering Test Establishment (NETE)
9401 Wanklyn
LaSalle, Quebec
H8R 1Z6 CANADA
- 4.3.4 The Tests at Third Party will be conducted by a single team, consisting of representatives from NETE and DND as required. The team will consist of the following members:

- Inspection Team Leader; Lead Evaluator; and Technical Authority

PART 5 – CERTIFICATIONS

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

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

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

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real procurement agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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.

Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list during the period of the Contract.

The Bidder must provide the Contracting Authority with a completed annex titled Federal Contractors Program for Employment Equity - Certification, before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

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

There is no security requirement applicable to the Contract.

6.2 Statement of Work

The Department of National Defence (DND) has a requirement for Submarine Escape and Surface Survival Personnel Equipment (SESSPE) Escape Suits and Life Rafts for the Royal Canadian Navy (RCN) VICTORIA Class submarines. The SESSPE and Life Rafts will replace the current Submarine Escape and Immersion Equipment (SEIE) Escape Suits and Life Rafts. The primary function of the SESSPE Escape Suits and Life Rafts is to allow submariners to escape from a submarine and survive on the surface in the event of a distressed submarine (DISSUB). This procurement shall be accomplished by customization (if applicable) of tested Military Off The Shelf (MOTS) components and documentation. The SESSPE Escape Suits and Life Rafts must be compatible with a VICTORIA Class Submarine single man escape tower and Hood Inflation System (HIS).

The procurement will be done in two (2) phases. At the initial phase, Canada will procure a quantity of three (3) SESSPE Escape Suits with Life Rafts from each of the three (3) lowest priced compliant bidders. The three (3) SESSPE Escape Suits with Life Rafts will be tested at a third party, the Naval Engineering Test Establishment (NETE) located in Ville LaSalle, Québec.

The three (3) SESSPE Escape Suits with Life Rafts from each of the bidders will be tested for compliance, this as per DID-AT-01, "Test at Third Party", of Annex A, "Statement of Work". The bidder with the lowest price that meets all the requirements of the "Test at Third Party" will be recommended for the award of the Optional quantities.

At the second phase, Optional quantity of six hundred (600) SESSPE Escape Suits with Life Rafts, forty-eight (48) SESSPE Training Suits and twelve (12) Training Life Rafts will be required.

This requirement includes all associated work described herein including the Statement of Work (SOW) at Annex "A".

The final inspection and acceptance of the new SESSPE Escape Suits and Life Rafts will be performed at the Naval Engineering Test Establishment in LaSalle, Québec.

6.2.1 Conduct of the Work

1. The Contractor represents and warrants that it has the experience, qualifications, personnel, equipment, facilities and all other resources to perform the Work.

2. In the performance of the Work, the Contractor shall supply all the resources, facilities, labour, management, services, equipment, materials, drawings, tools technical data, technical assistance, engineering services and planning necessary to complete the Work.
3. The Contractor agrees to:
 - (a) commence and carry out the Work promptly and diligently and upon the terms and conditions and in the manner contemplated by this Contract;
 - (b) carry out the Work IAW good, modern manufacturing practices;
 - (c) provide efficient and effective supervision and inspection of the carrying out of the Work; and
 - (d) provide material and workmanship of the highest quality commensurate with the nature of the work and take all such steps as are necessary to ensure that the SESSPE Escape Suits and Life Rafts are completed according to the Contract.
4. No material or parts shall be used or processed and no finished Work shall be submitted for acceptance or delivery unless approved by the Technical Authority. The Contractor shall complete the Work to the satisfaction of Technical Authority and fully IAW the Contract and deliver all of the Work as required by the Contract.
5. The Contractor shall provide such reports on the performance of the Work as are required by the Contract and such other reports as may be reasonably required by the Contracting Authority and the Technical Authority.

6.2.2 Production Schedule

1. The Production Schedule shall be IAW Annex E "Delivery Schedule" of the Contract.
2. The Contractor is responsible for planning and scheduling the Work required herein. The Production Schedule shall be updated on a continuous basis.

6.2.3 Inspection and Acceptance

1. All reports, deliverables, documents, goods and all services rendered under this Contract shall be subject to inspection by the Technical Authority. Should any report, document, good or service not be IAW with the requirements of the Contract, the Technical Authority shall have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment. Any communication with a Contractor regarding the quality of Work performed pursuant to this Contract shall be undertaken by official correspondence through the Contracting Authority.
2. The Contractor shall be responsible for properly setting up, preparing, providing access to and presenting Work for inspection and for giving adequate notice to the Technical Authority that the Work is complete, having been pre-tested or inspected, and is ready for the inspection.
3. Inspection will be done IAW the SOW.
4. Inspection requirements shall be IAW the provisions of this Contract including 2010A (2018-06-21), General Conditions – Medium Complexity – Goods, and the following procedures:
 - (a) Non-conformance Report (NCR): A NCR will be issued for each Non-conformance noted by the Technical Authority. Each report will be uniquely numbered for reference purposes, will be signed and dated by the Technical Authority, and will describe the Non-conformance.

When the Non-conformance has been corrected by the Contractor and has been re-inspected and accepted by the Technical Authority, the Technical Authority will complete the NCR by signing and dating the NCR.

When Delivery Acceptance trials have been completed and the Contractor has corrected/addressed items on the Non-conformance list, an Acceptance Inspection of the SESSPE Escape Suits and Life Rafts shall be carried out by the Technical Authority. Three (3) working days prior to the scheduled Completion Date, the content of all Non-conformance Reports which have not been signed-off by the Technical Authority will be transferred to the Delivery Document prior to the Technical Authority certification of such document. A final Deficiencies Database shall be prepared for signature if necessary.

The Contractor shall correct all outstanding deficiencies during the warranty period at a time and place agreed to by the Contractor, the Technical Authority and the Contractual Authority.

- (b) Notwithstanding the above including the Inspection by the Technical Authority, the discrepancy notices, the Non-conformance reports, or absences thereof, or corrections thereto, or acceptance thereof, do not relieve the Contractor of its obligations to satisfy the requirements of this Contract. As such, the Contractor shall correct any and all defects or deficiencies discovered at no additional cost to Canada.

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) (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

[2010A](#) (2018-06-21), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received in accordance with Annex "E" Delivery Schedule.

6.4.2 Delivery Point

Naval Engineering Test Establishment (NETE)
9401 Wanklyn
LaSalle, Quebec
H8R 1Z6
Canada

6.4.3 Option to Purchase Additional Quantities

The Contractor grants to Canada the irrevocable option to purchase additional quantities IAW Annex "F" Milestone Payment Schedule under the same conditions. The Contractor agrees that it will be paid IAW the applicable provisions as set out in the Basis of Payment.

Canada may exercise this option at any time by sending a written notice to the Contractor at least fourteen (14) calendar days before the expiry date of the Bidder's Proposal. The option may only be

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exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Maria Bettencourt
Title: Supply Officer
Public Works and Government Services Canada
Acquisitions Branch
Directorate: Marine Sustainment
Address: 455 boulevard de la Carrière

Telephone: 819-939-3255
E-mail address: maria.bettencourt@pwgsc-tpsgc.gc.ca

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

6.5.2 Technical Authority

The Technical Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone: ____-____-____
Facsimile: ____-____-____
E-mail: _____.

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

6.5.3 Inspection Authority

The Inspection Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone: ____-____-____
Facsimile: ____-____-____
E-mail: _____.

The Inspection Authority is the representative of the department or agency for whom the Work is being performed under the Contract and is responsible for inspection of the Work and acceptance of the

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finished work. The Inspection Authority may be represented on-site by a designated inspector and any other Government of Canada inspector who may from time to time be assigned in support of the designated Inspector.

6.5.4 Contractor's Representative

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

6.6 Payment

6.6.1 Basis of Payment – Firm Prices

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid the firm prices, as specified in Annex "F" Milestone Payment Schedule. Customs duties are excluded and Applicable Taxes are extra.

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

6.6.2 Multiple Payments

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

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

6.6.3 SACC Manual Clauses

C2000C (2007-11-30) Taxes – Foreign-based Contractor
C2605C (2008-05-15) Canadian Customs Duties and Sales Tax – Foreign-based Contractor
C2608C (2015-02-25) Canadian Customs Documentation
C2610C (2007-11-30) Customs Duties – Department of National Defence - Importer
C6000C (2017-08-17) Limitation of Price

6.6.4 Electronic Payment of Invoices – Contract

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Direct Deposit (Domestic and International);
- b. Electronic Data Interchange (EDI);
- c. Wire Transfer (International Only);

6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

Each invoice must be supported by:

- a. a copy of the release document and any other documents as specified in the Contract.
2. Invoices must be distributed as follows:
 - a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.
 - b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract; and
 - c. One (1) copy must be forwarded to the consignee.

6.8 Certifications

6.8.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

6.8.2 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.

6.8.3 Insurance

SACC Manual clause [G1005C](#) (2016-01-28) Insurance – No Specific Requirement

6.9 Applicable Laws

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

6.10 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 2010 A (2018-06-21) - General conditions: Goods (medium complexity);
- (c) Annex "A", Statement of Work;
- (d) Annex "B", Technical Statement of Requirements;
- (e) Annex "C", Testing Criteria;

- (f) Annex "D", Bid Evaluation Plan;
- (g) Annex "E", Delivery Schedule;
- (h) Annex "F", Milestone Payment Schedule;
- (i) Annex "G", Financial Bid form; and
- (j) the Contractor's bid dated _____, as clarified on _____ " **or** ", as amended on _____ "

6.11 Defence Contract

SACC Manual clause [A9006C](#) (2012-07-16) Defence Contract

6.12 Packaging

6.12.1 Preparation for Delivery - Packaging Requirement using Specification D-LM-008-036/SF-000

The Contractor must prepare all items for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification *D-LM-008-036/SF-000*, DND Minimum Requirements for Manufacturer's Standard Pack.

The Contractor must package all items in quantities of one (1) per package.

6.13 SACC Manual Clauses

B7500 (2006-06-16) Excess Goods

D2000C (2007-11-30), Marking

D2001C (2007-11-30), Labelling

D2025C (2017-08-17), Wood Packaging Materials

D6010C (2007-11-30), Palletization

D9002C (2007-11-30), Incomplete Assemblies

6.13.1 Additional Package Markings – Identical

1. The Contractor must ensure that in addition to the required interior and exterior package markings, the following information is provided:
 - a. manufacturer's name;
 - b. drawing number/part number;
 - c. batch or lot number;
 - d. cure date of rubber components
 - e. date of manufacture; and
 - f. expiration date of shelf life.

The Contractor must package the SESSPE Escape Suits with Life Rafts in quantities of one (1) by package.

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

6.13.2 Shelf Life

The Contractor must ensure that the SESSPE Escape Suits with Life Rafts will contain 75 percent of the authorized shelf life as listed in *ISO 2230* at date of delivery to the Department of National Defence.

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DND approved shelf life for the SESSPE Escape Suits with Life Rafts is currently listed as 144 months.

6.14 Quality Assurance Codes

A1009C (2008-05-12) Work Site Access

D5510C (2017-08-17), 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 (Quality Assurance Code 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 (2017-11-28), Release Documents (Department of National Defence) - Canadian-based Contractor

6.14.1 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: D Mar P 5-4-2

- (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

6.15 Shipping

6.15.1 Shipping instructions (Department of National Defence): Foreign-based contractors

1. Delivery will be FCA Free Carrier at _____ Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility
2. Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 3.
 - a. Insert the following when the Contractor is located in the United States (U.S.):
Inbound Logistics Coordination Center (ILCC):
Telephone: 1-877-447-7701 (toll free)
Facsimile: 1-877-877-7409 (toll free)
E-mail: ILHQOttawa@forces.gc.ca
OR
 - b. Insert the following when the Contractor is located in United Kingdom (UK) and Ireland:
Inbound Logistics United Kingdom (ILUK):
Telephone: 011-44-1895-613023, or 011-44-1895-613024, or
Facsimile: 011-44-1895-613046
E-mail: CFSUEDetUKMovements@forces.gc.ca
In addition, the Contractor must send to ILUK the completed form "Shipping Advice and Export Certificate" by e-mail to: CFSUEDetUKMovements@forces.gc.ca.
The shipment of any items above the value of 600 GBP (pound sterling) being exported from the United Kingdom and Ireland will be cleared by DND using Her Majesty's Customs & Excise (HMCE) New Export Systems (NES). The Contractor must comply with HMCE requirements by registering with HMCE or by having a freight forwarder complete the entry. A printed copy of the NES entry Export Declaration clearly displaying the Declaration Unique Consignment Reference Number must be provided by the Contractor and attached to the consignment. The Contractor must ensure that this procedure is carried out for all stores whether they be initial purchase or repair and overhaul export items. HMCE will authorize Canadian Forces Support Unit (Europe) to ship the goods only if the procedure has been adhered to completely and properly by the Contractor. **Note:** To ensure you receive a reply on any contracting information such as Incoterms etc, always include the e-mail address: ILHQcontract-ILHQcontrat@forces.gc.ca in carbon copy (cc).
OR
 - c. Insert the following when the Contractor is located in a country other than Canada, the U.S., the UK and Ireland:
Inbound Logistics Europe Area (ILEA):
Telephone: +49-(0)-2203-908-1807 or 2748 or 5304
Facsimile: +49-(0)-2203-908-2746
Email: ILEA@forces.gc.ca
Note: To ensure you receive a reply on any contracting information such as Incoterms etc, always include the e-mail address: ILHQcontract-ILHQcontrat@forces.gc.ca in carbon copy (cc).
OR
 - d. Insert the following for U.S. Foreign Military Sales (FMS):
Inbound Logistics Coordination Center (ILCC):
Telephone: 1-877-447-7701 (toll free)
Facsimile: 1-877-877-7409 (toll free)
Email: ILHQOttawa@forces.gc.ca

Canada is responsible for the carrier selection for shipments of the goods supplied under this FMS contract. Instructions on how to obtain carrier selection from Canada are contained in U.S. Department of Defense 4000.25-8-M, Military Assistance Program Address Directory, and Canadian Special Instructions Indicator (SII). The Contractor must not ship the goods until the SII has been complied with.

3. The Contractor must provide the following information to the DND Inbound Logistics contact when arranging for shipment:
 - a. the Contract number;
 - b. consignee address (if multiple addresses, items must be packaged and labeled separately with each consignee address);
 - c. description of each item;
 - d. the number of pieces and type of packaging (e.g. carton, crate, drum, skid);
 - e. actual weight and dimensions of each piece type, including gross weight;
 - f. copy of the commercial invoice (in accordance with clause [C2608C](#), section 4, of the [Standard Acquisition Clauses and Conditions Manual](#)) or a copy of the Canada Border Services Agency form CI1 [Canada Customs Invoice](#) (PDF 429KB) - ([Help on File Formats](#));
 - g. [Schedule B](#) codes (for exports) and the Harmonized Tariff Schedule codes (for imports);
 - h. North American Free Trade Agreement Certificate of Origin (in accordance with clause [C2608C](#), section 2) for the U.S. and Mexico only;
 - i. full details of dangerous material, as required for the applicable mode of transportation, signed certificates for dangerous material as required for shipment by the International Maritime Dangerous Goods Code, or International Air Transport Association regulations or the applicable Canadian [Dangerous Goods Shipping Regulations](#) and a copy of the safety data sheet.
4. Following receipt of this information by Canada, Canada will provide the appropriate shipping instructions, which may include the requirement for specific consignee address labelling, the marking of each piece with a Transportation Control Number and customs documentation.
5. The Contractor must not ship goods before receiving shipping instructions from the DND Inbound Logistics contact.
6. If the Contractor delivers the goods at a place and time that are not in accordance with the given delivery instructions or fail to fulfill reasonable delivery instructions given by Canada, the Contractor must reimburse Canada any additional expenses and costs incurred.
7. If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either 30 days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or 30 days following the delivery date specified in the Contract, whichever is later.

6.15.2 Shipping instructions (Department of National Defence) – Canadian-based Contractor

1. Delivery will be FCA Free Carrier at _____ Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility.
2. Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 3.

-
- a. *Insert the following for all sole source contracts, except repair and overhaul, where the Contractor is located in Canada:*
Inbound Logistics Co-ordination Center (ILCC)
Telephone: 1-877-877-7423 (toll free)
Facsimile: 1-877-877-7409 (toll free)
E-mail: ILHQOttawa@forces.gc.ca
 - b. *Insert the following for all repair and overhaul contracts where the Contractor is located between Kingston inclusive and westward to the Ontario/Manitoba border:*
Inbound Logistics Central Area (ILCA)
Telephone: 1-866-371-5420 (toll free)
Facsimile: 1-866-419-1627 (toll free)
E-mail: ILCA@forces.gc.ca
 - c. *Insert the following for all repair and overhaul contracts where the Contractor is located in Manitoba, Saskatchewan, Alberta, British Columbia, and the National Capital Region inclusive to east of Kingston:*
Inbound Logistics Coordination Center (ILCC)
Telephone: 1-877-877-7423 (toll free)
Facsimile: 1-877-877-7409 (toll free)
E-mail: ILHQOttawa@forces.gc.ca
 - d. *Insert the following for all repair and overhaul contracts where the Contractor is located in Quebec:*
Inbound Logistics Quebec Area (ILQA)
Telephone: 1-866-935-8673 (toll free), or
1-514-252-2777, ext. 4673, 2852
Facsimile: 1-866-939-8673 (toll free), or
1-514-252-2911
E-mail: 25DAFCTrafficQM@forces.gc.ca
 - e. *Insert the following for all repair and overhaul contracts where the Contractor is located in Atlantic (New Brunswick, Prince Edward Island, Nova Scotia, Newfoundland and Labrador):*
Inbound Logistics Atlantic Area (ILAA)
Telephone: 1-902-427-1438
Facsimile: 1-902-427-6237
E-mail: BlogLAA@forces.gc.ca
3. The Contractor must provide the following information to the DND Inbound Logistics Coordination Center when arranging for shipment:
 - a. the Contract number;
 - b. consignee address (for multiple addresses, items must be packaged and labelled separately with each consignee address);
 - c. description of each item;
 - d. the number of pieces and type of packaging (i.e., carton, crate, drum, skid);
 - e. actual weight and dimensions of each piece type, including gross weight;
 - f. full details of dangerous goods/hazardous products, as required for the applicable mode of transportation, signed certificates for dangerous goods/hazardous products as required for shipment by the International Maritime Dangerous Goods Code, the International Air Transport Association regulations or the applicable Canadian [Transportation of Dangerous Goods Regulations](#), and a copy of the safety data sheet in English and French.
 4. Following receipt of this information by Canada, Canada will provide the appropriate shipping instructions, which may include the requirement for specific consignee address labelling, and the marking of each piece with a Transportation Control Number.

-
5. The Contractor must not ship the goods before receiving shipping instructions from the DND Inbound Logistics contact.
 6. If the Contractor delivers the goods at a place and time which are not in accordance with the given delivery instructions or fail to fulfill reasonable delivery instructions given by Canada, the Contractor must reimburse Canada any additional expenses and costs incurred.
 7. If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either 30 days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or 30 days following the delivery date specified in the Contract, whichever is later.

ANNEX “A”

STATEMENT OF WORK (SOW)

FOR THE

PROCUREMENT

OF

SUBMARINE ESCAPE AND

SURFACE SURVIVAL PERSONNEL EQUIPMENT

(SESSPE) ESCAPE SUITS WITH LIFE RAFTS,

TRAINING ESCAPE SUITS AND TRAINING LIFE

RAFTS FOR THE

VICTORIA CLASS SUBMARINES (VCS)



NOTICE

This documentation has been reviewed by the technical authority and does not contain controlled goods. Disclosure notices and handling instructions originally received with the document shall continue to apply.

AVIS

Cette documentation a été révisée par l'autorité technique et ne contient pas de marchandises contrôlées. Les avis de divulgation et les instructions de manutention reçues originalement doivent continuer de s'appliquer.

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1 Scope

1.1 Purpose

This Statement of Work (SOW) defines the work required to procure, test, and deliver six hundred and three (603) Submarine Escape and Surface Survival Personnel Equipment (SESSPE) Escape Suits with Life Rafts, forty-eight (48) Training Escape Suits and twelve (12) Training Life Rafts for the Victoria Class Submarines (VCS). The procured equipment listed above shall be accomplished by customization (if applicable) of Military Off The Shelf (MOTS) components and or by design, integration, test, Integrated Logistics Support (ILS) and documentation. The procurement will be done in two (2) phases, an initial quantity of three (3) SESSPE Escape Suits with Life Rafts will be ordered for testing.

The SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts procurement shall be comprised of Military Off The Shelf (MOTS) components, tested at a third party, and include Integrated Logistics Support (ILS) and documentation. The SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts technical and performance requirements are an integral part of this SOW. The final products shall be identical and shall meet the same technical and performance requirements as the tested product.

1.2 Background

The Department of National Defence (DND) has a requirement to procure new SESSPE escape suits and life rafts for the Victoria Class Submarines to replace the current Submarine Escape and Immersion Equipment (SEIE) escape suits and life rafts, which expired in 2016. The primary function of the SESSPE escape suits and life rafts is to allow submariners to escape from a submarine and survive on the surface in the event of a distressed submarine (DISSUB).

1.3 Objectives of the SESSPE Escape Suits and LifeRafts replacement

The objectives of the SESSPE Escape Suits and Life Rafts are:

- 1.3.1** To replace the current Submarine Escape and Immersion Equipment (SEIE) with the SESSPE Escape Suits and Life Rafts that will allow submariners to survive after escaping from a distressed submarine (DISSUB);
- 1.3.2** To meet the requirements as indicated in the SOW, this by testing the equipment at a third party;
- 1.3.3** To fit the SESSPE Escape Suits and Life Rafts in the existing stowage space on board the VICTORIA Class Submarines (VCS); and
- 1.3.4** To train personnel in using the SESSPE Escape Suits and Life Rafts.

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1.4 Acronyms and Abbreviations

AIL	Action Item List	SHM	Ship's Hazardous Material
ANEP	Allied/Multinational Naval Engineering Publication	SMER	Submarine Escape and Rescue
CA	Contracting Authority	SOLAS	International Convention for the Safety of Life at Sea
CDRL	Contract Deliverable Requirement List	SOW	Statement Of Work
CFB	Canadian Forces Base	STANAG	NATO Standardization Agreement
CMP	Configuration Management Plan	TA	Technical Authority
COTS	Commercial Off The Shelf	VCS	VICTORIA Class Submarines
DAI	Delivery Acceptance Inspection	WBS	Work Breakout Structure
DID	Data Item Description		
DISSUB	Distressed Submarine		
DND	Department of National Defence		
FAT	Factory Acceptance Test		
FMF	Fleet Maintenance Facility		
FPM	Final Project Meeting		
GFE	Government Furnished Equipment		
GFI	Government Furnished Information		
GSM	Government Supplied Material		
HIS	Hood Inflation System		
HMCS	Her Majesty's Canadian Ship		
IAW	In Accordance With		
ISO	International Standards Organization		
mBar	Millibar		
MSDS	Material Safety Data Sheets		
MSW	Meters Seawater		
NATO	North Atlantic Treaty Organization		
NDQAR	National Defence Quality Assurance Representative		
NETE	Naval Engineering Test Establishment		
NSN	NATO Stock Number		
OEM	Original Equipment manufacturer		
PM	Project Manager		
PS	Project Schedule		
PSPC	Public Services and Procurement Canada		
QA	Quality Assurance		
RCN	Royal Canadian Navy		
SEIE	Submarine Escape and Immersion Equipment		
SES	Submarine Escape System		
SESSPE	Submarine Escape and Surface Survival Personnel Equipment		

PHASE I

2 Documents

2.1 Government Documents

The prescribed versions of the following documents are to form a part of this specification to the extent specified herein.

Table 1: List of Government Documents

Item	Document Number	Title
1.	C-23-SUB-002/MS-001	Submarine Escape and Rescue Manual (CFCD 103)
2.	C-29-537-000/MS-001	Air Quality Manual Applicable to VICTORIA Class Submarines
3.	C-01-100-100/AG-006	Writing, Format, and Production of Technical Publications
4.	D-LM-008-002/SF-001	Specification For Marking For Storage And Shipment

2.2 Non-Government Documents

Where Standards are referenced in this document, the whole standard shall not apply unless specifically directed. The reference will indicate what tailoring is required by the Technical Authority. If no tailoring is specified, then the Contractor shall specify the extent of his compliance to the referenced standard in his proposal. If any referenced Mil standard in Table 2 has been superseded by a new revision or it has become obsolete and it has been replaced by a new standard or it has not been replaced, then the Contractor shall use the latest revision or replaced standard or an equivalent standard respectively.

Table 2: List of Non-Government Documents

Item	Standard	Title
1.	MIL-HDBK-881A 30 July 2005	Department of Defence Handbook Work Breakdown structures for Defence Materials Items
2.	STANAG-1476	Technical and Medical Standards and Requirements for Submarine Survival and Escape, Revision 1. – ANEP/MNEP-86, Edition A, Version 1, July 2014.
3.	IMO-110E	SOLAS
4.	IMO-MSA.48(66)	LSA Code – International Life-Saving Appliance Code

2.3 Order of Precedence

In the event of a conflict between the contents of this document and the applicable portions of the referenced technical documents, the Contractor shall inform the Contracting Authority (CA) who will inform the Technical Authority (TA) of the differences and request for a resolution.

3 SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts Delivery

3.1 General

The Contractor shall supply the SESSPE Escape Suits with Life Rafts required to satisfy the requirements of Phase I of this SOW.

3.2 Deliverables

The Contractor shall deliver the SESSPE Escape Suits with Life Rafts IAW Table 3.

Table 3: Initial quantity of SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts

Component	Qty	Location
SESSPE Escape Suits with Life Rafts	3	Naval Engineering Test Establishment (NETE) 9401 Wanklyn LaSalle, Qc H8R 1Z6 CANADA
Training Escape Suits	0	
Training Life Rafts	0	

3.3 Certifications

The Contractor shall provide certificates of compliance to the International Convention for the Safety of Life at Sea (SOLAS) for the following components:

1. SESSPE Life Raft IAW Article 2.21 of the Technical Statement of Requirements.

4 Project Management

4.1 Organization

The Contractor shall have a named Project Manager responsible to carry out the work required for the SESSPE Escape Suits with Life Rafts, Training Suits and Training Life Rafts production program.

4.1.1 Project Manager

The Contractor's Project Manager shall have the authority to plan, direct, control and make decisions for the Contract.

4.1.2 Contractor's Point of contact

The Contractor's Project Manager shall be the main point of contact with Canada.

4.1.3 Inspection and Testing at a Third Party – Initial Quantity

The Contractor shall deliver all components listed in Table 3 to a Third Party identified in this Table. The Contractor may communicate directly with the Technical Authority for the arrangement of logistics relating to the shipment and delivery of materiel related to this Inspection. Communication of results of the inspection will be made formally through the Contract Authority.

4.2 Security Management

There is no security requirement for this requirement.

4.2.1 Access to Canada's Facilities

The Contractor may be provided access to Canada's Facilities, on an as required basis and non-interference basis, to allow the Contractor to view systems and obtain relevant data. Site visits may also be used to interview Customer Subject Matter Experts (SMEs) to determine or confirm equipment functionality and operational parameters.

4.2.2 Visit Request Notice

The Contractor shall provide at least four (4) weeks' notice for any site visits.

4.2.3 Problem Reporting

The Contractor shall advise CA by fax/email within three (3) working days of the date the Contractor determines that there is a schedule alteration or contractual issue. Upon such notification CA will advise whether an unscheduled meeting or other action is required.

5 Delivery Acceptance Inspection

5.1 SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts Acceptance Testing

5.1.1 The purpose of the Delivery Acceptance Inspection (DAI) is to confirm that the technical requirements have been satisfactorily met. The DAI will evaluate the quality and functionality of the Escape Suits, Life Rafts, the Training Escape Suits, and the Training Life Rafts.

5.1.2 As indicated in Phase I, Section 3, Table 3 and Phase II, Section 3, Table 4, a Third Party will perform the work under Section 5.2.

5.1.3 The Test at Third Party shall be performed IAW CDRL-AT-01 and DID-AT-01. The Test at Third Party conduct shall be witnessed and accepted by TA/delegated representative.

5.1.4 Due to the nature of the Escape Suit and Life Raft, the operation of the Escape Suit and Life Raft during the tests will be done by DND personnel.

5.1.5 For the Test at Third Party all required components shall be supplied by the Contractor.

5.1.6 At the discretion of the Technical Authority, all deliverables under Phase I, Table 3, and selected samples of deliverable from Phase II, Table 4 may undergo a complete Escape Trial at the RCN Training Facility in Rimouski, Québec.

5.2 Inspection Procedure for Initial and Optional Quantities

The Inspection for Initial and Optional quantities shall be carried out in four (4) stages as follows.

5.2.1 Initial Inspection Upon Delivery

All equipment received shall be inspected for damage upon delivery. The quantities of each item, model numbers, serial numbers, etc. will be verified.

5.2.2 Visual Inspection

All deliverables under Phase I, Table 3 and Phase II, Table 4 shall undergo a complete visual inspection IAW CDRL-AT-01 and DID-AT-01 – **Annex “C” - Testing Criteria, Table 8 – Visual Inspection.**

5.2.3 Tower Functional Trial and Test for Fit

All deliverables under Phase I, Table 3 and Phase II, Table 4 (if applicable) shall undergo a complete functional trial, including tests for fit (if applicable) using selected members of the RCN, in the Submarine Escape Tower Evaluator at NETE IAW CDRL-AT-01 and DID-AT-01 – **Annex “C” - Testing Criteria, Table 9 – Tower Functional Trial and Test for Fit.**

5.2.4 Escape Trial

At the discretion of the Technical Authority, all deliverables under Phase I, Table 3 and Phase II, Table 4 (if applicable) may undergo a complete Escape Trial using selected members of the RCN, at the RCN Training Facility in Rimouski, Québec IAW CDRL-AT-01 and DID-AT-01 – **Annex “C” - Testing Criteria, Table 9 – Tower Functional Trial and Test for Fit.** The Escape Trial Plan will be developed by NETE based upon the RCN tower escape procedures.

5.3 Final Acceptance

Upon successful completion of the Delivery Acceptance Inspection and certification by the Inspection Authority, the items shall be deemed acceptable and delivered.

5.4 Quality Standard

The standard escape suit, training escape suit, standard life raft and training life raft must be constructed with proper workmanship, materials and free from all defects. The quality assurance and quality control procedures used during the fabrication and validation of the standard escape suit, training escape suit, standard life raft and training life raft must be provided. The quality assurance and quality control procedures must be capable of detecting and/or eliminating all defects. These procedures must be in place prior to manufacturing the escape suit and life raft.

6 Integrated Logistics Support

6.1 General

The Contractor shall establish, implement and control an Integrated Logistics Support (ILS) Program for the Escape Suits and Life Rafts and its related logistics support elements. The Contractor ILS activities shall form an integral part of all activities associated with this SOW.

6.2 Language

6.2.1 The Contractor shall supply all manuals and publications in both official languages (i.e. English and French).

6.2.2 Commercial publication and documentation such as sub-component equipment manuals supplied by third party for commercial-off-the-shelf items should be in both official languages if commercially available at time of contract award without converting to DND standard format. If bilingual documentation is not provided from the supplier, the Contractor shall obtain a written authorization from its suppliers to grant Canada the rights to translate into the other official language

6.3 Packaging, Handling, Storage & Transportability

6.3.1 General

The Contractor shall conduct Packaging, Handling, Storage and Transportability IAW D3013C for Canada, D3020C for Europe and D3019C for the US.

6.3.2 Marking of Packages

The Contractor shall mark all packages, shipping containers and consolidation containers IAW D-LM-008-002/SF-001 (Phase I & II, section 2, Table 1 item 4), as applicable.

6.3.3 Marking of Dangerous/Hazardous Items

The Contractor shall mark dangerous/hazardous items as follows:

1. Shipping Container: “In accordance with the Transportation of Dangerous Goods Act”; and
2. Immediate Product Container: “In accordance with the Hazardous Products Act, Controlled Products Regulation”.

6.3.4 Shelf Life Items Marking

The Contractor shall mark the individual package for each shelf life item with:

1. The date of manufacture;
2. The shelf life expiry date; and
3. The storage environment restrictions (for example no freezing, no sunlight).

7 Attachments

The information in the references called up in section 2 is an integral part of this SOW.

8 Contract Deliverable Requirements List (CDRL) and Data Item Description (DID)

8.1 General

8.1.1 Document Changes/Updates

All the approved documents shall be prepared and updated as required by the CDRL. All changes to updated versions of documents shall be identified as follows:

1. On a change page indicating page numbers, paragraph numbers, date of change and reason for change;
2. Within the hard copy, by use of change bars in the side margins of the printed document; and
3. Within the soft copy, using a method appropriate to the authoring tools that clearly differentiates old content from new or revised content.

Proposed amendments and the list of effective pages shall be forwarded to the TA for approval as described in the CDRL.

8.1.2 Deliverable Format and Number of Copies:

The number of documentation copies required for each CDRL is defined within each CDRL.

NOTE: All soft copies of documentation shall be in the original editable source file format, e.g. Microsoft Word.

8.1.3 Abbreviations:

The following abbreviations are used in the CDRLs and DIDs.

A	Approval	PCA	Physical Configuration Audit
AT	Acceptance Test	R	Review
CA	Contract Award	SRR	System Requirements Review
I	Information only	wd	Working day
Month	Calendar month		

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8.2 CDRLs and DID's

8.2.1 Acceptance Testing CDRL Summary

Acceptance Testing CDRL					
CDRL #	DID #	Deliverable	Review Level	Due	Section in RFP
CDRL-AT-01	DID-AT-01	Test at Third Party	A	CA+20 wd	Annex "C"

8.2.2 Acceptance Testing CDRL Summary

8.2.2.1 CDRL-AT-01

1	Sequence Number:	AT-01
2	Title or Description of Data:	Test at Third Party
3	Data Item Description Number:	DID-AT-01
4	Reference:	TESTING CRITERIA
5	First Submission:	CA + 20 wd
6	Number of Copies:	1 soft copy in source format
7	TA Approval Required:	No
8	Approval Lead Time:	N/A
9	Subsequent Submission:	N/A
10	Remarks:	Deliver via email or FTP

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8.2.3 Acceptance Testing DIDs

8.2.3.1 DID-AT-01

1. TITLE Test at Third Party		2. IDENTIFICATION NUMBER DID-AT-01	
3. DESCRIPTION / PURPOSE The purpose of this trial is to conduct a visual inspection and a performance evaluation to confirm that the functionality and performance requirements of the SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts using the Victoria Class Submarine (VCS) Hood Inflation System (HIS) are met.			
4. APPROVAL DATE		5. OFFICE OF PRIMARY INTEREST (OPI) Technical Authority	
6. SPARE			
7. APPLICATION / INTERRELATIONSHIP CDRL-AT-01 RFP Ref: Annex "C"			
8. ORIGINATOR		9. APPLICABLE FORMS	
10. PREPARATION INSTRUCTIONS			
10.1 All equipment received will be inspected for damage upon delivery. The quantities of each item, model numbers, serial numbers, etc. will be verified.			
10.2 The Visual Inspection will be conducted in accordance with the requirements listed in Table 8, Visual Inspection. The Visual Inspection will be conducted by the Inspection Team to ensure the mandatory requirements are met. The Visual Inspection is to be completed by the Inspection Team and will be included in the Inspection report.			
10.3 The Tower Functional Trial and Test for Fit will be conducted in accordance with the requirements listed in Table 9, Tower Functional Trial and Test for Fit. The Tower Functional Trial and Test for Fit will be conducted by the Inspection Team to ensure the requirements are met. The Tower Functional Trial and Test for Fit is to be completed by the Inspection Team and will be included in the Inspection report.			
10.4 A total of three (3) Escape Suits with Life Raft will be evaluated and tests will be conducted in triplicate at each escape depth. All tests will be conducted using the Naval Engineering Test Establishment (NETE) Submarine Escape System (SES) Test Bed equipped with a new set of fully certified HIS components from the Victoria Class Submarines. The NETE SES Test Bed comprises the following elements: <ul style="list-style-type: none"> 1. Escape Suit Specifications; 2. Certified Victoria Class HIS Components; 3. Hale-Hamilton Calibration Test Set; 4. Manikin; 5. Compressed Air Diver Quality; and 6. City Water. 			
10.5 Any Escape Suit with Life Raft, Training Escape Suit and Training Life Raft that does not meet the requirements listed in Tables 8 and 9 below will not be considered.			

PHASE II

2 Documents

2.1 Government Documents

The prescribed versions of the following documents are to form a part of this specification to the extent specified herein.

Table 1: List of Government Documents

Item	Document Number	Title
1.	C-23-SUB-002/MS-001	Submarine Escape and Rescue Manual (CFCD 103)
2.	C-29-537-000/MS-001	Air Quality Manual Applicable to VICTORIA Class Submarines
3.	C-01-100-100/AG-006	Writing, Format, and Production of Technical Publications
4.	D-LM-008-002/SF-001	Specification For Marking For Storage And Shipment

2.2 Non-Government Documents

Where Standards are referenced in this document, the whole standard shall not apply unless specifically directed. The reference will indicate what tailoring is required by the Technical Authority. If no tailoring is specified, then the Contractor shall specify the extent of his compliance to the referenced standard in his proposal. If any referenced Mil standard in Table 2 has been superseded by a new revision or it has become obsolete and it has been replaced by a new standard or it has not been replaced, then the Contractor shall use the latest revision or replaced standard or an equivalent standard respectively.

Table 2: List of Non-Government Documents

Item	Standard	Title
1.	MIL-HDBK-881A 30 July 2005	Department of Defence Handbook Work Breakdown structures for Defence Materials Items
2.	STANAG-1476	Technical and Medical Standards and Requirements for Submarine Survival and Escape, Revision 1. – ANEP/MNEP-86, Edition A, Version 1, July 2014.
3.	IMO-110E	SOLAS
4.	IMO-MSA.48(66)	LSA Code – International Life-Saving Appliance Code

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2.3 Order of Precedence

In the event of a conflict between the contents of this document and the applicable portions of the referenced technical documents, the Contractor shall inform the Contracting Authority (CA) who will inform the Technical Authority (TA) of the differences and request for a resolution.

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3 SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts Delivery

3.1 General

The Contractor shall supply the SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts required to satisfy the requirements of this SOW.

3.2 Deliverables

The Contractor shall deliver the SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts and documentation IAW Table 4 and 5.

Table 4: Optional quantity of SESSPE Escape Suits with Life Rafts, Training Suits and Training Life Rafts

Component	Qty	Location
SESSPE Escape Suits with Life Rafts	600	Naval Engineering Test Establishment (NETE) 9401 Wanklyn LaSalle, Qc H8R 1Z6 CANADA
Training Escape Suits	48	Same as above
Training Life Rafts	12	Same as above

Table 5: Technical Data Package and Material Safety Data Sheets

Title	Qty	Comments
Technical Data Package and Material Safety Data Sheets	1	As per Section 8 – Contract Deliverable Requirements List (CDRL) and Data Item Description (DID) – CRDL-LOG-02 and DID-LOG-02 and CRDL-LOG-03 and DID-LOG-03.

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3.3 Chronology of Main Events and Deliverables

The Contractor shall hold meetings and submit deliverables in accordance with the following table of Main Events and Deliverables:

Table 6: Main Events and Deliverables

MAIN EVENTS	DELIVERABLES
Contract Award	CA
Kick Off Meeting	- CDRL - PM-05 - CDRL - EN-01 and DID - EN-01 - CDRL - PM-01 and DID - PM-01
Test at Third Party	- CDRL AT-01 and DID AT-01

3.4 System Requirements Document

The Contractor shall prepare the systems requirements document IAW CDRL-EN-01 and DID-EN-01.

3.5 Material Safety Data Sheets (MSDS) requirements package

The Contractor shall provide the Material Safety Data Sheets requirements package IAW CDRL-LOG-02 and DID-LOG-02.

3.6 Technical Data Package

The Contractor shall provide the Technical Data Package IAW CDRL-LOG-03 and DID-LOG-03.

3.7 Certifications

The Contractor shall provide certificates of compliance to the International Convention for the Safety of Life at Sea (SOLAS) for the following components:

1. SESSPE Life Raft IAW Article 2.2.1 of the Technical Statement of Requirements.

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4 Project Management

4.1 Organization

The Contractor shall have a named Project Manager responsible to carry out the work required for the SESSPE Escape Suits with Life Rafts, Training Suits and Training Life Rafts production program.

4.1.1 Project Manager

The Contractor's Project Manager shall have the authority to plan, direct, control and make decisions for the Contract.

4.1.2 Contractor's Point of contact

The Contractor's Project Manager shall be the main point of contact with Canada.

4.1.3 Inspection and Testing at a Third Party – Optional Quantity

The Contractor shall deliver all components listed in Table 4 to a Third Party identified in this Table. The Contractor may communicate directly with the Technical Authority for the arrangement of logistics relating to the shipment and delivery of materiel related to this Inspection. Communication of results of the inspection will be made formally through the Technical Authority.

4.1.4 Quality Assurance (QA) Plan

The Contractor shall structure the quality assurance plan in accordance with SACC clause D5402C (Quality Plan) dated 2010-01-11.

All work is subject to Government Quality Assurance performed at the Contractor's or subcontractor's facility by the Technical Authority, or its designated Naval Engineering Test Establishment-Quality Assurance (NETE-QA). The Contractor shall liaise with NETE-QA to ensure that all mandatory inspections points required by NETE-QA are identified and integrated in its Inspection and Test Plan (ITP). In addition of hold points for mandatory inspections by NETE-QA, the inspection plan shall also have to identify points of advance notice to NETE-QA for optional attendance to inspections and tests.

4.2 Security Management

There is no security requirement for this requirement.

4.2.1 Access to Canada's Facilities

The Contractor may be provided access to Canada's Facilities, on an as required basis and non-interference basis, to allow the Contractor to view systems and obtain relevant data. Site visits may also be used to interview Customer Subject Matter Experts (SMEs) to determine or confirm equipment functionality and operational parameters.

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4.2.2 Visit Request Notice

The Contractor shall provide at least four (4) weeks' notice for any site visits.

4.3 Project Meetings

4.3.1 Project Kick Off Meeting

Within two (2) weeks of the Contract Award, the contractor shall conduct a project Kick Off Meeting, IAW CDRL Item CDRL-PM-05, at the contractor's facility. The discussion shall include, but not limited to, the review of the:

1. System Requirement Review Data Package in accordance with CDRL-EN-01 and DID-EN-01;
2. Technical Specification;
3. Critical path activities;
4. Plans for activities during the following period; and
5. Any other contractual issues associated with the project as mutually agreed between the TA, PWGSC CA and the Contractor.

4.3.2 Project Review Meetings

The Contractor shall conduct and coordinate Progress Review Meetings (PRMs) once each month or as mutually agreed between Canada and the Contractor.

The Contractor shall hold the first PRM within one month following the Kick-Off Meeting.

PRMs shall encompass total project status as of the review date.

4.3.3 Final Project Meeting

A Final Project Review (FPR) meeting is required to provide a complete review of the deliverables.

The Contractor shall hold the FPR meeting at a time to be determined by Canada but this meeting shall take place no later than thirty (30) days after acceptance of the last deliverable.

4.3.4 Other Scheduled Meetings

The Contractor may identify through other requirements stipulated in this SOW, and the submission of his various plans the necessity to schedule other meetings.

The Contractor shall identify these meetings in the Project Schedule (PS).

Canada's approval of the PS will confirm Canada's intention to attend such meetings.

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4.3.5 Meeting Arrangements

When the Contractor is tasked to arrange and coordinate a meeting, it shall be done IAW this section.

4.3.5.1 Supporting Documents

The Contractor shall prepare and submit supporting documents required (in source format and not in Portable Document Format (PDF) or equivalent format) for a meeting at least five (5) working days in advance of each review or meeting.

The Contractor shall prepare and submit an agenda IAW CDRL Item CDRL-PM-02 and DID-PM-02 at least five (5) working days in advance of each review or meeting except in the case of unscheduled meetings in which case the Contractor shall submit an agenda prior to the meeting.

Canada and the Contractor shall mutually agree to the contents of the agenda.

4.3.6 Meeting support

The Contractor shall host and attend project reviews and meetings as required by this SOW, at the Contractor's facility or elsewhere as agreed to by Canada.

For all reviews and meetings hosted by the Contractor, the Contractor shall:

1. Arrange the venue;
2. Co-ordinate with Canada as appropriate;
3. Provide all administrative facilities and presentation equipment;
4. Ensure that qualified Contractor and subcontractor personnel attend the reviews or meetings;
5. Ensure and report that action items and decisions under the control of the Contractor as a result of the various meetings and reviews are implemented where applicable; and
6. Maintain files, records, documents of all reviews and meetings.

4.3.7 Meeting Minutes

The Contractor shall record, produce, deliver and revise, as required, minutes for all meetings.

The Contractor shall prepare and distribute an electronic copy of the minutes to the Canada's attendees IAW CDRL Item CDRL-PM-03 and DID-PM-03.

Meeting minutes are accepted once signed by the CA. The CA will advise the Contractor of any issues within five (5) working days of receiving the minutes.

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4.3.8 Meeting Cancellations

The TA and CA may cancel PRMs or any other review meetings at their discretion with a minimum of five (5) working days' notice. Rescheduling of meetings by the Contractor shall be done only with the explicit agreement of Canada.

4.4 Reporting and Communications

4.4.1 Progress Reports

The Contractor shall monitor progress and deliver monthly Project Status Reports (PSRs) IAW CDRL Item CDRL-PM-04 and DID-PM-04.

4.4.2 Problem Reporting

The Contractor shall advise CA by fax/email within three (3) working days of the date the Contractor determines that there is a schedule alteration or contractual issue.

Upon such notification CA will advise whether an unscheduled meeting or other action is required.

4.5 Action Item List (AIL)

The Contractor shall maintain a historical, chronological and up-to-date list of Action Items resulting from reviews, meetings, or correspondence between the TA and the Contractor in a format acceptable to the TA for the duration of the project.

In the list the Contractor shall record, as a minimum: identification number; title or description, date opened, action required, priority, organization responsible for taking action, brief statement of results in sufficient detail to clearly identify and track the action taken, date closed, and, status (open/closed).

The Contractor shall ensure that, once entered, no entry is deleted.

The Contractor shall include a subset of the list containing all open action items as an attachment to the monthly status reports.

The Contractor shall make a copy or reproduction of the most current AIL or any portion thereof available to the CA upon request at any time.

5 Delivery Acceptance Inspection

5.1 SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts Acceptance Testing

5.1.1 The purpose of the Delivery Acceptance Inspection (DAI) is to confirm that the technical requirements have been satisfactorily met. The DAI will evaluate the quality and functionality of the Escape Suits, Life Rafts, the Training Escape Suits, and the Training Life Rafts.

5.1.2 As indicated in Phase I, Section 3, Table 3 and Phase II, Section 3, Table 4, a Third Party will perform the work under Section 5.2.

5.1.3 The Test at Third Party shall be performed IAW CDRL-AT-01 and DID-AT-01. The Test at Third Party conduct shall be witnessed and accepted by TA/delegated representative.

5.1.4 Due to the nature of the Escape Suit and Life Raft, the operation of the Escape Suit and Life Raft during the tests will be done by DND personnel.

5.1.5 For the Test at Third Party all required components shall be supplied by the Contractor.

5.1.6 At the discretion of the Technical Authority, all deliverables under Phase I, Table 3, and selected samples of deliverable from Phase II, Table 4 may undergo a complete Escape Trial at the RCN Training Facility in Rimouski, Québec.

5.2 Inspection Procedure for Initial and Optional Quantities

The Inspection for Initial and Optional quantities shall be carried out in four (4) stages as follows.

5.2.1 Initial Inspection Upon Delivery

All equipment received shall be inspected for damage upon delivery. The quantities of each item, model numbers, serial numbers, etc. will be verified.

5.2.2 Visual Inspection

All deliverables under Phase I, Table 3 and Phase II, Table 4 shall undergo a complete visual inspection IAW CDRL-AT-01 and DID-AT-01 - **Annex "C" - Testing Criteria, Table 8 – Visual Inspection.**

5.2.3 Tower Functional Trial and Test for Fit

All deliverables under Phase I, Table 3 and Phase II, Table 4 (if applicable) shall undergo a complete functional trial, including tests for fit (if applicable) using selected members of the RCN, in the Submarine Escape Tower Evaluator at NETE IAW CDRL-AT-01 and DID-AT-01 - **Annex "C" - Testing Criteria, Table 9 – Tower Functional Trial and Test for Fit.**

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5.2.4 Escape Trial

At the discretion of the Technical Authority, all deliverables under Phase I, Table 3 and Phase II, Table 4 (if applicable) may undergo a complete Escape Trial using selected members of the RCN, at the RCN Training Facility in Rimouski, Québec IAW CDRL-AT-01 and DID-AT-01 - **Annex “C” - Testing Criteria, Table 9 – Tower Functional Trial and Test for Fit.** The Escape Trial Plan will be developed by NETE based upon the RCN tower escape procedures.

5.3 Final Acceptance

Upon successful completion of the Delivery Acceptance Inspection and certification by the Inspection Authority, the items shall be deemed acceptable and delivered.

5.4 Quality Standard

The standard escape suit, training escape suit, standard life raft and training life raft must be constructed with proper workmanship, materials and free from all defects. The quality assurance and quality control procedures used during the fabrication and validation of the standard escape suit, training escape suit, standard life raft and training life raft must be provided. The quality assurance and quality control procedures must be capable of detecting and/or eliminating all defects. These procedures must be in place prior to manufacturing the escape suit and life raft.

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6 Integrated Logistics Support

6.1 General

The Contractor shall establish, implement and control an Integrated Logistics Support (ILS) Program for the Escape Suits and Life Rafts and its related logistics support elements. The Contractor ILS activities shall form an integral part of all activities associated with this SOW.

6.2 Maintenance of SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts

The contractor shall describe in the maintenance document the methodology to maintain the Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts.

6.3 Provisioning Documentation

The Contractor shall deliver a Provisioning Parts Breakdown in electronic format required for Canadian Forces Supply System (CFSS) IAW current industrial best practice.

6.4 Technical Data Package

6.4.1 Manuals (operating, maintenance, etc), instruction books and other data for all major items (escape suit, life raft), and sub-assembly equipment (valves, cylinders, lights etc.) delivered with the equipment shall be IAW CDRL item CDRL-LOG-03 and DID-LOG-03.

6.5 Language

6.5.1 The Contractor shall supply all manuals and publications in both official languages (i.e. English and French).

6.5.2 Commercial publication and documentation such as sub-component equipment manuals supplied by third party for commercial-off-the-shelf items should be in both official languages if commercially available at time of contract award without converting to DND standard format. If bilingual documentation is not provided from the supplier, the Contractor shall obtain a written authorization from its suppliers to grant Canada the rights to translate into the other official language

6.6 Health and Safety

6.6.1 Materiel Requirement Packages

The Materiel Requirement Packages delivered with the equipment shall be IAW CDRL item CDRL-LOG-02 and DID-LOG-02 and it shall include the following:

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1. Equipment Identification Label data: This document details the information that the Contractor proposes to incorporate on Equipment Identification Labels and is used to obtain Canada's approval prior to manufacturing Equipment Identification Labels; and
2. The Material Safety Data Sheet (MSDS) and justification for each hazardous material used. The Material Safety Data Sheets (MSDS) provide information and instructions on the chemical and physical characteristics of a substance, its hazards and risks, the safe handling requirements, and actions to be taken in the event of fire, spill, overexposure, or other risk.

6.6.2

Note: Dangerous/Hazardous material shall be defined as any substance which is capable of posing a risk to health, safety, property or the environment when stored, handled or transported, and is so classified in regulations governing transportation. Hazardous materials include (but are not limited to) dangerous goods identified in the Canadian Transportation of Dangerous Goods Act.

6.7 Packaging, Handling, Storage & Transportability

6.7.1 General

The Contractor shall conduct Packaging, Handling, Storage and Transportability IAW D3013C for Canada, D3020C for Europe and D3019C for the US.

6.7.2 Marking of Packages

The Contractor shall mark all packages, shipping containers and consolidation containers IAW D-LM-008-002/SF-001 (Phase I & II, section 2, Table 1 item 4), as applicable.

6.7.3 Marking of Dangerous/Hazardous Items

The Contractor shall mark dangerous/hazardous items as follows:

1. Shipping Container: "In accordance with the Transportation of Dangerous Goods Act"; and
2. Immediate Product Container: "In accordance with the Hazardous Products Act, Controlled Products Regulation".

6.7.4 Shelf Life Items Marking

The Contractor shall mark the individual package for each shelf life item with:

1. The date of manufacture;
2. The shelf life expiry date; and
3. The storage environment restrictions (for example no freezing, no sunlight).

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7 Attachments

The information in the references called up in section 2 is an integral part of this SOW.

8 Contract Deliverable Requirements List (CDRL) and Data Item Description (DID)

8.1 General

8.1.1 Document Changes/Updates

All the approved documents shall be prepared and updated as required by the CDRL. All changes to updated versions of documents shall be identified as follows:

1. On a change page indicating page numbers, paragraph numbers, date of change and reason for change;
2. Within the hard copy, by use of change bars in the side margins of the printed document; and
3. Within the soft copy, using a method appropriate to the authoring tools that clearly differentiates old content from new or revised content.

Proposed amendments and the list of effective pages shall be forwarded to the TA for approval as described in the CDRL.

8.1.2 Deliverable Format and Number of Copies:

The number of documentation copies required for each CDRL is defined within each CDRL.

NOTE: All soft copies of documentation shall be in the original editable source file format, e.g. Microsoft Word.

8.1.3 Abbreviations:

The following abbreviations are used in the CDRLs and DIDs.

A	Approval	PCA	Physical Configuration Audit
AT	Acceptance Test	R	Review
CA	Contract Award	SRR	System Requirements Review
I	Information only	wd	Working day
Month	Calendar month		

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8.2 CDRLs and DID's

8.2.1 Project Management CDRL Summary

Project Management CDRL					
CDRL #	DID #	Deliverable	Review Level	Due	Section in SOW
CDRL-PM-01	DID-PM-01	Project Management Plan	A	CA +10 wd	4.3.1
CDRL-PM-02	DID-PM-02	Meeting Agendas	A	Meeting date - 5 wd	4.3.5.1
CDRL-PM-03	DID-PM-03	Meeting Minutes	A	Meeting date + 5 wd	4.3.7
CDRL-PM-04	DID-PM-04	Project Status Reports	R	5 th wd of each month	4.4.1
CDRL-PM-05	N/A	Project Kick Off Meeting	R	CA +10 wd	4.3.1

8.2.2 Engineering CDRL Summary

Engineering CDRL					
CDRL #	DID #	Deliverable	Review Level	Due	Section in SOW
CDRL-EN-01	DID-EN-01	System Requirements Review Data Package	R	SRR-10 wd	3.4

8.2.3 Acceptance Testing CDRL Summary

Acceptance Testing CDRL					
CDRL #	DID #	Deliverable	Review Level	Due	Section in RFP
CDRL-AT-01	DID-AT-01	Test at Third Party	A	CA+20 wd	Annex "C"

8.2.4 Integrated Logistics Support CDRL Summary

Integrated Logistics Support CDRL					
CDRL #	DID #	Deliverable	Review Level	Due	Section in SOW
CDRL-LOG-01	N/A	Provisioning Documentation	A	DAI-10 wd	6.3 (Phase II)
CDRL-LOG-02	DID-LOG-02	Material Safety Data Sheets	A	DAI-10 wd	3.5
CDRL-LOG-03	DID-LOG-03	Technical Data Package	A	DAI-15 wd	3.6

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8.2.5 Project Management CDRL Details

8.2.5.1 CDRL-PM-01

1	Sequence Number:	PM-01
2	Title or Description of Data:	Project Management Plan
3	Data Item Description Number:	DID-PM-01
4	Reference:	SOW
5	First Submission:	CA+ 10 wd
6	Number of Copies:	1 soft copy in source format
7	TA Approval Required:	Yes
8	Approval Lead Time:	10 wd
9	Subsequent Submission:	As required, if changes needed. Deliver soft copy of the change pages only
10	Remarks:	Deliver via email or FTP

8.2.5.2 CDRL-PM-02

1	Sequence Number:	PM-02
2	Title or Description of Data:	Meeting Agendas
3	Data Item Description Number:	DID-PM-02
4	Reference:	SOW
5	First Submission:	Meeting Date -5 days
6	Number of Copies:	1 soft copy in source format
7	TA Approval Required:	Yes
8	Approval Lead Time:	N/A
9	Subsequent Submission:	N/A
10	Remarks:	Deliver via email or FTP

8.2.5.3 CDRL-PM-03

1	Sequence Number:	PM-03
2	Title or Description of Data:	Meeting Minutes
3	Data Item Description Number:	DID-PM-03
4	Reference:	SOW
5	First Submission:	Meeting date + 5 wd
6	Number of Copies:	1 soft copy in source format
7	TA Approval Required:	Yes
8	Approval Lead Time:	N/A
9	Subsequent Submission:	N/A
10	Remarks:	Deliver via email or FTP

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8.2.5.4 CDRL-PM-04

1	Sequence Number:	PM-04
2	Title or Description of Data:	Project Status Reports
3	Data Item Description Number:	DID-PM-04
4	Reference:	SOW
5	First Submission:	5 th wd of each month
6	Number of Copies:	1 soft copy in source format
7	TA Approval Required:	No
8	Approval Lead Time:	N/A
9	Subsequent Submission:	N/A
10	Remarks:	Deliver via email or FTP

8.2.5.5 CDRL-PM-05

1	Sequence Number:	PM-05
2	Title or Description of Data:	Project Kick Off Meeting
3	Data Item Description Number:	N/A
4	Reference:	SOW
5	First Submission:	CA + 10 wd or less
6	Number of Copies:	N/A
7	TA Approval Required:	No
8	Approval Lead Time:	N/A
9	Subsequent Submission:	N/A
10	Remarks:	Deliver via email or FTP

8.2.6 Engineering CDRL Summary

8.2.6.1 CDRL-EN-01

1	Sequence Number:	EN-01
2	Title or Description of Data:	System Requirements Review Data Package
3	Data Item Description Number:	DID-EN-01
4	Reference:	SOW
5	First Submission:	SRR-10 wd
6	Number of Copies:	1 soft copy in source format
7	TA Approval Required:	No
8	Approval Lead Time:	N/A
9	Subsequent Submission:	N/A
10	Remarks:	Deliver via email or FTP

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8.2.7 Acceptance Testing CDRL Summary

8.2.7.1 CDRL-AT-01

1	Sequence Number:	AT-01
2	Title or Description of Data:	Test at Third Party
3	Data Item Description Number:	DID-AT-01
4	Reference:	SOW
5	First Submission:	CA + 20 wd
6	Number of Copies:	1 soft copy in source format
7	TA Approval Required:	No
8	Approval Lead Time:	N/A
9	Subsequent Submission:	N/A
10	Remarks:	Deliver via email or FTP

8.2.8 Integrated Logistics Support CDRL Summary

8.2.8.1 CDRL-LOG-01

1	Sequence Number:	LOG-01
2	Title or Description of Data:	Provisioning Documentation
3	Data Item Description Number:	N/A
4	Reference:	SOW
5	First Submission:	DAI-10 wd
6	Number of Copies:	1 soft copy in source format
7	TA Approval Required:	Yes
8	Approval Lead Time:	N/A
9	Subsequent Submission:	N/A
10	Remarks:	Deliver via email or FTP

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8.2.8.2 CDRL-LOG-02

1	Sequence Number:	LOG-02
2	Title or Description of Data:	Material Safety Data Sheets (MSDS) requirements package
3	Data Item Description Number:	DID-LOG-02
4	Reference:	SOW
5	First Submission:	DAI - 10 wd
6	Number of Copies:	1 soft copy in source format
7	TA Approval Required:	No
8	Approval Lead Time:	N/A
9	Subsequent Submission:	N/A
10	Remarks:	Deliver via email or FTP

8.2.8.3 CDRL-LOG-03

1	Sequence Number:	LOG-03
2	Title or Description of Data:	Technical Data Package
3	Data Item Description Number:	In Contractor's own format and standard.
4	Reference:	SOW
5	First Submission:	DAI-15 wd
6	Number of Copies:	1 soft copy in source format
7	TA Approval Required:	Yes
8	Approval Lead Time:	N/A
9	Subsequent Submission:	N/A
10	Remarks:	Deliver via email or FTP

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8.3 Data Item Descriptions

8.3.1 Project Management DIDs

8.3.1.1 DID-PM-01

1. TITLE		2. IDENTIFICATION NUMBER	
Project Management Plan		DID-PM-01	
3. DESCRIPTION / PURPOSE			
To provide a Project Management Plan for the SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts for the Victoria Class Submarines.			
4. APPROVAL DATE	5. OFFICE OF PRIMARY INTEREST (OPI)	6. SPARE	
	Technical Authority		
7. APPLICATION / INTERRELATIONSHIP			
CDRL - PM-01 SOW Ref: 4.3.1			
8. ORIGINATOR		9. APPLICABLE FORMS	
10. PREPARATION INSTRUCTIONS			
10.1	The Project Management Plan (PMP) shall be prepared in Contractor's format.		
10.2	Structure - The PMP shall contain, as a minimum, the following sections:		
	<ol style="list-style-type: none">1. Introduction;2. Management Organization and Responsibilities;3. Master Schedule with Milestones;4. QA Plan;5. ILS Plan;6. Inspection; and7. Test at Third Party.		

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8.3.1.2 DID-PM-02

1. TITLE		2. IDENTIFICATION NUMBER			
Meeting Agendas		DID-PM-02			
3. DESCRIPTION / PURPOSE					
The purpose of the Meeting / Teleconference / Conference Supporting Documentation and Agenda is to provide the proposed subject items for review and discussion.					
4. APPROVAL DATE		5. OFFICE OF PRIMARY INTEREST (OPI)		6. SPARE	
		Technical Authority			
7. APPLICATION / INTERRELATIONSHIP					
CDRL - PM-02 SOW Ref: 4.3.5.1					
8. ORIGINATOR		9. APPLICABLE FORMS			
10. PREPARATION INSTRUCTIONS					
10.1 Supporting documentation and agenda shall be prepared in the Contractor's format.					
10.2 The Agenda shall include the following:					
<ol style="list-style-type: none">1. Purpose of the meeting;2. List of expected attendees;3. Time, date, location and expected duration of the meeting;4. Facilities and equipment to be provided for attending personnel;5. List of data items and documents to be reviewed or provided to support the meeting. Adequate copies of all such data and documentation shall be provided; and6. Adequate copies of the current AIL where appropriate.					

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8.3.1.3 DID-PM-03

1. TITLE Meeting Minutes		2. IDENTIFICATION NUMBER DID-PM-03			
3. DESCRIPTION / PURPOSE The purpose of Meeting / Teleconference / Conference Minutes is to document discussions, agreements and action items identified (with the responsible parties and closure dates) reached during subject meetings.					
4. APPROVAL DATE		5. OFFICE OF PRIMARY INTEREST (OPI) Technical Authority		6.SPARE	
7. APPLICATION / INTERRELATIONSHIP CDRL-PM-03 SOW Ref: 4.3.7					
8. ORIGINATOR		9. APPLICABLE FORMS			
10. PREPARATION INSTRUCTIONS					
10.1 Meeting / Teleconference / Conference Minutes shall be prepared in the Contractor's format and shall include the following information: <ol style="list-style-type: none">1. Date and location of meeting;2. Name, organization, phone number, e-mail address and title of each person that attended the meeting;3. Statement relating to the purpose and/or objective of the meeting; and4. The original agenda and any revisions to the agenda - this may be accomplished by reference to attachments or enclosures.					
10.2 Minutes should include a record of each item discussed or reviewed during the meeting, including: <ol style="list-style-type: none">1. A brief statement identifying the item or problem and their status;2. A summary of pertinent information associated with the item;3. A recommendation;4. An action item - identifying the person or organization responsible for taking and/or co-ordinating required action with key dates; and5. An updated Action Item List (AIL).					
10.3 Meeting minutes should be distributed, where possible, at the end of the meeting and signed by the responsible parties before leaving. Otherwise the meeting minutes shall be delivered as directed in CDRL.					

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8.3.1.4 DID-PM-04

1. TITLE Project Status Reports (PSR)		2. IDENTIFICATION NUMBER DID-PM-04	
3. DESCRIPTION / PURPOSE Project Status Reports provide the project status of work in progress, management and mitigation of risk, and schedule. The report shall be used to evaluate progress and to identify project management, technical, and schedule issues.			
4. APPROVAL DATE	5. OFFICE OF PRIMARY INTEREST (OPI) Technical Authority	6. SPARE	
7. APPLICATION / INTERRELATIONSHIP CDRL-PM-04 SOW Ref: 4.4.1			
8. ORIGINATOR		9. APPLICABLE FORMS	
10. PREPARATION INSTRUCTIONS			
10.1 The Project Status Reports shall be prepared in the Contractor's format and contain necessary amendments to the PMP as appropriate.			
10.2 The Project Status Reports shall include at least the following information: <ol style="list-style-type: none">1. A narrative report providing sufficient detail to enable the Contracting and the Technical Authorities to evaluate the progress of the work to date;2. Risk management activities. Significant problems or concerns encountered together with recommended course of action;3. Schedules status, schedule changes and planned activities for the next reporting period;4. A summary of any issues for meeting requirements / specifications;5. Running summary of hardware and system observations and problems that have been opened, are in progress or have been resolved; and6. Subset of Action Item List containing all open action items.			

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8.3.2 Engineering DIDs

8.3.2.1 DID-EN-01

1. TITLE		2. IDENTIFICATION NUMBER	
System Requirements Review Data Package		DID-EN-01	
3. DESCRIPTION / PURPOSE			
The System Requirements Review Data Package shall provide all of the review materials required for the System Requirements Review meeting.			
4. APPROVAL DATE	5. OFFICE OF PRIMARY INTEREST (OPI)	6. SPARE	
	Technical Authority		
7. APPLICATION / INTERRELATIONSHIP			
CDRL-EN-01 SOW Ref: 3.4			
8. ORIGINATOR		9. APPLICABLE FORMS	
10. PREPARATION INSTRUCTIONS			
10.1 The following documents shall be provided for the System Requirements Review meeting:			
<ol style="list-style-type: none">1. Escape Suit Specifications;2. Life Raft Specifications;3. Training Escape Suit Specifications; and4. Training Life Raft Specifications.			

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8.3.3 Acceptance Testing DIDs

8.3.3.1 DID-AT-01

1. TITLE		2. IDENTIFICATION NUMBER	
Test at Third Party		DID-AT-01	
3. DESCRIPTION / PURPOSE			
The purpose of this trial is to conduct a visual inspection and a performance evaluation to confirm that the functionality and performance requirements of the SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts using the Victoria Class Submarine (VCS) Hood Inflation System (HIS) are met.			
4. APPROVAL DATE	5. OFFICE OF PRIMARY INTEREST (OPI)	6. SPARE	
	Technical Authority		
7. APPLICATION / INTERRELATIONSHIP			
CDRL-AT-01 RFP Ref: Annex "C"			
8. ORIGINATOR		9. APPLICABLE FORMS	
10. PREPARATION INSTRUCTIONS			
10.1 All equipment received will be inspected for damage upon delivery. The quantities of each item, model numbers, serial numbers, etc. will be verified.			
10.2 The Visual Inspection will be conducted in accordance with the requirements listed in Table 8, Visual Inspection. The Visual Inspection will be conducted by the Inspection Team to ensure the mandatory requirements are met. The Visual Inspection is to be completed by the Inspection Team and will be included in the Inspection report.			
10.3 The Tower Functional Trial and Test for Fit will be conducted in accordance with the requirements listed in Table 9, Tower Functional Trial and Test for Fit. The Tower Functional Trial and Test for Fit will be conducted by the Inspection Team to ensure the requirements are met. The Tower Functional Trial and Test for Fit is to be completed by the Inspection Team and will be included in the Inspection report.			
10.4 A total of three (3) Escape Suits with Life Raft will be evaluated and tests will be conducted in triplicate at each escape depth. All tests will be conducted using the Naval Engineering Test Establishment (NETE) Submarine Escape System (SES) Test Bed equipped with a new set of fully certified HIS components from the Victoria Class Submarines. The NETE SES Test Bed comprises the following elements:			
<ul style="list-style-type: none"> 7. Escape Suit Specifications; 8. Certified Victoria Class HIS Components; 9. Hale-Hamilton Calibration Test Set; 10. Manikin; 11. Compressed Air Diver Quality; and 12. City Water. 			
10.5 Any Escape Suit with Life Raft, Training Escape Suit and Training Life Raft that does not meet the requirements listed in Tables 8 and 9 below will not be considered.			

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8.3.4 Integrated Logistics Support DIDs

8.3.5 DID-LOG-02

1. TITLE Material Safety Data Sheets		2. IDENTIFICATION NUMBER DID –LOG-02	
3. DESCRIPTION / PURPOSE If applicable, Material Safety Data sheets provide information and instructions on the chemical and physical characteristics of a substance, its hazards and risks, the safe handling requirements and actions to be taken in the event of fire, spill, overexposure or other risk.			
4. APPROVAL DATE		5. OFFICE OF PRIMARY INTEREST (OPI) Technical Authority	
6. SPARE			
7. APPLICATION / INTERRELATIONSHIP CDRL-LOG-02 SOW para: 3.5			
8. ORIGINATOR		9. APPLICABLE FORMS	
10. PREPARATION INSTRUCTIONS			
10.1 Material safety data sheets may be prepared in the original product vendor format provided the requirements of sections 10.2 and 10.3 of this DID are met.			
10.2 MSDS shall be provided in both English and French Contents: - The MSDS shall conform to the requirements specified under the Canada 's Hazards Product Act and the Canadian Hazardous Material Information System (WHMIS) and will contain as a minimum information under the following nine headings:			
10.3 <ul style="list-style-type: none"> 1. Hazardous Ingredients; 2. Preparation Information; 3. Product Information; 4. Physical Data; 5. Fire or Explosion Hazard; 6. Reactivity data; 7. Toxicological Properties; 8. Preventive measures; and 9. First Aid measures. 			
10.4 The Contractor shall supply two (2) copies in hard copy format and two (2) copies in electronic format of all Material Safety Data Sheets (MSDS).			

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8.3.6 DID-LOG-03

1. TITLE Technical Data Package		2. IDENTIFICATION NUMBER DID -LOG-03			
3. DESCRIPTION / PURPOSE The Technical Data Package shall provide all of the documentation SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts.					
4. APPROVAL DATE		5. OFFICE OF PRIMARY INTEREST (OPI) Technical Authority		6. SPARE	
7. APPLICATION / INTERRELATIONSHIP CDRL-LOG-03 SOW para: 3.6					
8. ORIGINATOR		9. APPLICABLE FORMS			
10. PREPARATION INSTRUCTIONS					
10.1 Manuals (operating, maintenance, etc.), instruction books and other data for all major items (escape suit, life raft), and sub-assembly equipment (valves, cylinders, lights, etc.) shall contain the following information: a) Complete description of the unit; b) Sufficient data to permit installation, adjustment, and testing; c) Operating instructions: (i) Operating detail of each system; and (ii) Emergency operation procedure. d) Maintenance and overhaul instructions that include recommended routine maintenance schedule, special instructions for disassembly and assembly, clearances and alignment to be checked, use of special tools, and test equipment required for servicing for escape suits and life rafts; e) Maintenance and overhaul instructions that include recommended routine maintenance schedule, special instructions for disassembly and assembly, clearances and alignment to be checked, use of special tools, and test equipment required for servicing for escape suits and life rafts designated for training; and f) Parts list containing brief description and manufacturer's part number.					
10.2 Any certificate of approval by the appropriate authority shall be provided for all the equipment or sub-components which form part of the escape suit with life raft, training escape suit and training life raft.					
10.3 The Contractor shall supply twenty (20) copies in hard copy format and three (3) copies in electronic format of all manuals and technical data.					
10.4 The Contractor shall supply two (2) copies in hard copy format and two (2) copies in electronic format of all Material Safety Data Sheets (MSDS).					

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ANNEX “B”

TECHNICAL STATEMENT OF REQUIREMENTS (TSOR)

**SUBMARINE ESCAPE AND
SURFACE SURVIVAL PERSONNEL EQUIPMENT
(SESSPE) ESCAPE SUITS WITH LIFE RAFTS,
TRAINING ESCAPE SUITS AND TRAINING LIFE
RAFTS FOR THE VICTORIA CLASS SUBMARINES (VCS)**

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SESSPE Escape Suits with Life Rafts, Training Escape Suits and Training Life Rafts Requirements

1 SESSPE Escape Suits Requirements

1.1 Compatibility

The escape suit shall be compatible with a VICTORIA Class Submarine single man escape tower and Hood Inflation System (HIS). The HIS is comprised of a G24 Mod 1 Reducing Valve, SA656 Hood Inflation System Controller set to 1.9 psig and SA 174 MK8 Stole Charge Valve. All HIS components are manufactured and supplied by Hale Hamilton (Valves) Ltd.

1.2 Escape Depth

The escape suit shall be capable of allowing a submariner to escape safely from a maximum depth of one hundred ninety-eight (198) meters seawater (MSW).

1.3 Air Flow and Consumption per Escape

- 1.3.1 The escape suit shall not use more than 2.7 kg of air per escape at any depth at which the suit is expected to function. Total air consumption calculation shall start when the flood valve opens and finish five (5) seconds after tower equalization.
- 1.3.2 The escape suit shall allow a sufficient flow of air to inflate and hold the ascent hood clear of the face and provide sufficient breathing air during the flood, compression and ascent phases.

1.4 Hood Water Level

There shall be no water in the hood during the flood and compression phases of the escape. It is understood that for some suit designs a minimal quantity of water is required at the air outlet of the escape suit hood in order to establish a seal. This minimal quantity shall be considered zero hood water level.

1.5 Service and Storage Life

The escape suit and life raft shall have a minimum service life of twelve (12) years at delivery time and be capable of being stored for a minimum of six (6) years before maintenance.

1.6 Breathability

- 1.6.1 The escape suit shall allow the submariner to breathe normally during the flood, compression and ascent phases.
- 1.6.2 The escape suit shall prevent excess accumulation of toxic gases from respiration or any other source during the flood, compression and ascent phases.

1.7 Buoyancy

The escape suit shall have a minimum buoyancy of two hundred seventy-five (275) Newton (N) and shall lift the submariner from the submarine to the surface at a minimum ascent velocity of 2.5 m/s.

1.8 Sea State and Temperature Requirements

- 1.8.1 The escape suit shall remain intact without sustaining damage in seas up to NATO Sea State five (5) for a minimum of ten (10) minutes.
- 1.8.2 The escape suit shall meet the stowage and operational conditions in accordance with LSA Code 1.2 and 2.5.

1.9 Oral Inflation

The escape suit shall include an oral inflation system in the event of a loss of buoyancy on the surface. The oral inflation system shall be easily accessible while on the surface.

1.10 Leakage/Permeability

- 1.10.1 The escape suit shall keep the submariner dry throughout the flood, compression and ascent phases.
- 1.10.2 On the surface the escape suit shall keep the submariner dry when worn in calm water.

1.11 Fit

- 1.11.1 The escape suit shall accommodate a height range and a weight range in accordance with the Ellipses in Figure 1. The escape suit shall have means of gathering excess material when being worn by smaller submariners. Once gathered, no part of the escape suit shall interfere with or snag on any of the equipment in the escape tower during a hooded tower escape.
- 1.11.2 The escape suit shall allow the submariner to wear thick clothing under the suit as well as Royal Canadian Navy (RCN) standard-issue sea boots.
- 1.11.3 The escape suit shall allow a fit and able-bodied survivor to enter the single person life raft unaided.

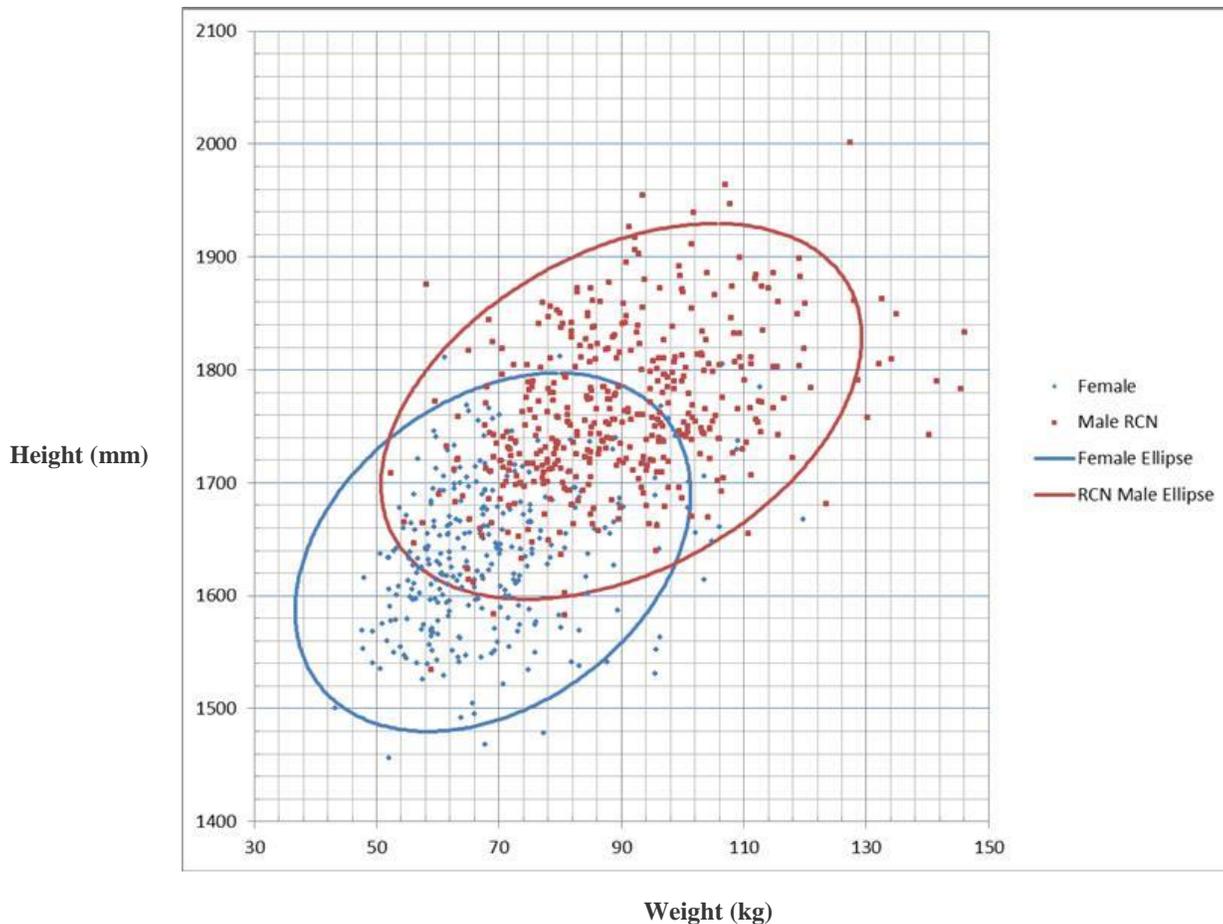


Figure 1 – RCN Submariner Escape Suit Size Range

1.12 Ergonomics

- 1.12.1 The escape suit shall include a separate, full body thermal protection layer that can be worn under the escape suit. Thermal protection shall be in accordance with LSA Code 2.3.2.2 and 2.5.
- 1.12.2 The escape suit shall be fully usable within ten (10) minutes after withdrawal from the valise and shall not impede the mobility of the wearer.
- 1.12.3 The escape suit shall be equipped with a minimum of one pocket for storage. The pocket shall have a minimum area of 60,000 mm² with a minimum dimension of 180 mm and have a method to prevent contents from falling out during a hooded tower escape.
- 1.12.4 The escape suit shall have a method of removing the hood rapidly once on the surface.
- 1.12.5 The escape suit shall provide clear view of the surroundings for the submariner when wearing the escape suit with the hood fully closed. The minimum field of view shall be one hundred (100) degrees in the horizontal plan and one hundred fifty (150) degrees in the vertical plan.
- 1.12.6 The escape suit shall have slip proof soles.

- 1.12.7 The escape suit shall include insulated, five-finger as per section 1.12.1, Neoprene gloves. The gloves shall not be permanently attached to the escape suit. The gloves shall be included in the pockets of the escape suit.
- 1.12.8 The escape suit shall be fitted with waterproof cuffs at the wrists, face and neck in order to prevent ingress of seawater during the flood, compression and ascent phases.
- 1.12.9 The escape suit shall be equipped with wave/splash protection to prevent drowning on the surface.
- 1.12.10 The escape suit shall have a method that minimizes fluid accumulation due to urine production.
- 1.12.11 The escape suit shall be equipped with a life raft that is fully inflated by manually activating a cartridge containing an inert gas. The requirements for this life raft are specified in Section 2.

1.13 Visibility

The escape suit shall be fabricated with a highly visible orange colour material.

1.14 Auxiliary Equipment

The escape suit shall include one (1) nose clip, one (1) whistle and one (1) fixed buddy line (minimum 2 metres) with toggle. All auxiliary equipment shall be fixed to the suit or stowed in the suit pocket.

1.15 Valise

- 1.15.1 The escape suit, life raft, lights and auxiliary equipment shall be packaged in a single valise whose overall dimensions shall not exceed 350 mm x 320 mm x 185 mm. The valise shall be capable of being stacked five (5) high for long-term stowage.
- 1.15.2 The valise shall be equipped with carrying handles that shall be able to carry the weight of the valise.

1.16 Traceability

- 1.16.1 The valise shall be permanently marked with the manufacturer, make, model, date of manufacture, serial number, NATO Stock Number (NSN), United Nations (UN) Number, short description, information about stacking and storage limits.
- 1.16.2 The escape suit shall be permanently marked with a serial number.
- 1.16.3 The inks used to mark the valise and escape suit shall be permanent and not degrade the suit.

2 SESSPE Life Raft Requirements

2.1 Inflation

- 2.1.1 The life raft shall be fully inflated by manually activating a cartridge containing an inert gas and be able to operate in the conditions stated under 1.8.
- 2.1.2 The life raft shall fully inflate within ninety (90) seconds of activating the cartridge containing the inert gas.
- 2.1.3 The life raft shall include an oral inflation system in the event that it loses buoyancy. The oral inflation system shall be easily accessible from within the life raft.

2.2 Visibility

- 2.2.1 The life raft shall be fabricated with a highly visible orange colour material and have a minimum in total area of 1500 cm² of SOLAS retro-reflective material on exterior surfaces.
- 2.2.2 The life raft shall provide the submariner with clear visibility of the surroundings. The minimum field of view will be one hundred fifty (150) degrees in the horizontal plan and one hundred thirty (130) degrees in the vertical plan.
- 2.2.3 The life raft shall be equipped with a water activated light with the option to switch on manually in the event that it does not activate. The water activated light shall be, at a minimum, in accordance with LSA Code 4.1.3.3.

2.3 Sea State Requirements

The life raft shall remain afloat without sustaining damage in seas up to NATO Sea State five (5) for a minimum of twenty-four (24) hours.

2.4 Insulation

- 2.4.1 The life raft shall be fully enclosed from the elements.
- 2.4.2 The life raft shall be insulated in accordance with LSA Code 4.1.1.5.1.

2.5 Certification

The life raft shall meet the requirements of SOLAS from Chapter III, Life-Saving Appliances and Arrangements for Stability of Inflatable Life Rafts at Sea.

2.6 Ergonomics

- 2.6.1 The life raft shall be easy to enter unassisted when wearing the escape suit.
- 2.6.2 The life raft shall have adequate ventilation to avoid the buildup of respiratory gases.
- 2.6.3 The life raft shall be capable of being manually righted.
- 2.6.4 The life raft shall have a manual water removal system.

2.7 Functional Requirements

- 2.7.1 The life raft shall be permanently tethered to the escape suit. The tethered line shall have a minimum length of three (3) meters.
- 2.7.2 The life raft shall be equipped with a drogue or sea anchor that is deployed automatically during inflation in order to keep it oriented with the waves.
- 2.7.3 The life raft shall be equipped with a tether in order to group several life rafts together. The tethered line shall have a minimum length of three (3) meters.

2.8 Traceability

The life raft shall be marked with a serial number. The inks shall be permanent and shall not degrade the life raft.

2.9 Storage Requirements for SESSPE Escape Suits and Life Rafts

The Escape Suits shall meet the following storage requirements.

The standard escape suit and life raft shall be fully operational after having been stored in a submarine environment in accordance with the conditions listed in Table 7. They shall be rot-proof, corrosion resistant and not be unduly affected by seawater, oils or fungal attacks. They shall also be capable of withstanding shock and vibration when packaged and stacked on board a submarine.

Table 7: Submarine Storage Conditions

Parameter	Unit	Minimum	Maximum
Temperature	°C	2	65
Pressure	mBar	650	1400
Relative Humidity	%	20	95

3 SESSPE Training Escape Suit Requirements

3.1 General

- 3.1.1 The training escape suit shall be identical to the escape suit described in Section 1 with minimum changes necessary to meet the following requirements for training.
- 3.1.2 The training escape suit shall be clearly labeled in black ink “TRAINING ONLY-NOT FOR ESCAPE”. The label shall be located on the front and back of the suit in locations, and size, to be agreed upon by the Technical Authority.

3.2 Performance

The training escape suit shall be capable of performing a minimum of one-thousand (1,000) escapes from a minimum depth of eighteen (18) MSW.

3.3 Ergonomics

The training escape suit shall have a mock life raft placed in the same location as the escape suit described in Section 1. This mock life raft will require the same actions needed to deploy the life raft in the escape suit; however it will not deploy an actual life raft. Instead it will provide a visual indication that the life raft would have been deployed following simulated manual activation of the inflation cartridge in accordance with 2.1.1. This feature shall be reusable. The indication shall be reset manually.

3.4 Valise

- 3.4.1 The training escape suit, mock life raft, light and auxiliary equipment shall be packaged in a single valise whose overall dimensions shall not exceed 350 mm x 320 mm x 185 mm, as per section 3.1.1.
- 3.4.2 The valise shall be equipped with carrying handles and clearly labeled “TRAINING ONLY - NOT FOR ESCAPE”.

3.5 Resistance

- 3.5.1 The training suit shall resist a chlorinated water environment.
- 3.5.2 The training suit shall not have any corrosion points.

3.6 Maintenance

All components subject to excessive wear shall be replaceable on-site.

4 SESSPE Training Life Raft Requirements

4.1 General

- 4.1.1 The training life raft shall be identical to the life raft described in Section 2 with minimum changes necessary to meet the following requirements for training.
- 4.1.2 The training life raft shall be clearly labeled on the exterior, with black ink: “TRAINING ONLY-NOT FOR ESCAPE”. The label location and size to be agreed upon by the Technical Authority.

4.2 Inflation

The training life raft shall be capable of being inflated with a manual pump.

4.3 Performance

The training life raft shall be capable of performing a minimum of one thousand (1,000) demonstrations.

4.4 Resistance

- 4.4.1 The training life raft shall resist a chlorinated water environment.
- 4.4.2 The training life raft shall not have any corrosion points.

4.5 Maintenance

All components subject to excessive wear shall be replaceable on site.

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ANNEX “C”

TESTING CRITERIA

**SUBMARINE ESCAPE AND
SURFACE SURVIVAL PERSONNEL EQUIPMENT
(SESSPE) ESCAPE SUITS WITH LIFE RAFTS,
TRAINING ESCAPE SUITS AND TRAINING LIFE
RAFTS FOR THE VICTORIA CLASS SUBMARINES (VCS)**

Table 8 – Visual Inspection

Requirement Number	TSOR Reference	Description	Inspection Results		
			Pass	Fail	Comments
SESSPE Escape Suit Requirements					
1	1.9	Oral inflation system			
2	1.12.1	Thermal protection			
3	1.12.3	Pocket Dimensions			
4	1.12.4	Rapid hood removal			
5	1.12.5	Hood Clear View			
6	1.12.6	Slip proof soles			
7	1.12.8	Waterproof cuffs			
8	1.12.9	Wave/Splash protection			
9	1.13	Orange colour material			
10	1.14	Auxiliary Equipment			
11	1.15.1	Valise dimensions			
SESSPE Life Raft Requirements					
12	2.1.1	Manual cartridge activation			
13	2.1.2	Inflation time			
13	2.1.3	Oral inflation system			
14	2.2.1	Orange colour material			
15	2.4.1	Enclosed and insulated			
16	2.4.2	Insulated floor			

Table 9 – Tower Functional Trial and Test for Fit

Requirement Number	TSOR Reference	Description	Inspection Results		
			Pass	Fail	Comments
SESSPE ESCAPE SUIT					
1	1.1	Compatibility			
2	1.2	Maximum escape depth			
3	1.3.1	Air consumption per escape			
4	1.3.2	Sufficient air flow			
5	1.4	Hood water level			
6	1.7	Buoyancy			
7		Ascent velocity			
8	1.10.1	Impermeability			
9	1.10.2	Leakage rate in calm water			
10	1.11.1	Height and weight ranges			
11		Means of gathering excess material			
12		Thick clothing and work boots			
13	1.11.3	Unaided entry to single life raft			
14	1.12.2	Fully usable within ten (10) minutes			
15	1.12.3	Storage pocket			
16	1.12.7	Insulated Neoprene gloves			

Requirement Number	TSOR Reference	Description	Inspection Results		
			Pass	Fail	Comments
SESSPE ESCAPE SUIT (continued)					
17	1.12.10	Minimal fluid accumulation due to urine production			
18	1.12.11	Equipped with life raft			
19	1.14	Nose clip, whistle and fixed buddy line with toggle			
20	1.15.2	Valise equipped with carrying handles			
21	1.16.1	Valise permanently marked			
22	1.16.2	Escape suit marked with serial number			
23	1.16.3	Inks used for marking			
SESSPE LIFE RAFT					
24	2.2.1	SOLAS retro-reflective material			
25	2.2.2	Visibility of surroundings			
26	2.2.3	Salt water / manually activated light			
27	2.5	SOLAS requirements			
28	2.6.1	Unassisted entry			
29	2.6.2	Adequate ventilation			
30	2.6.3	Manually righted			
31	2.6.4	Manual water removal system			
32	2.7.1	Tethered to escape suit			
33		Length of tethered line minimum 3 meters			
34	2.7.2	Drogue or sea anchor			
35	2.7.3	Equipped with tethered line			
36		Length of tethered line minimum 3 meters			
37	2.8	Life raft marked with serial number			
38		Permanent inks used for marking			

Requirement Number	TSOR Reference	Description	Inspection Results		
			Pass	Fail	Comments
SESSPE TRAINING SUIT					
39	3.1.1	Similar to escape suit			
40	3.1.2	Marked "Training Only-Not For Escape"			
41	3.2	Performance			
42	3.3	Equipped with mock life raft			
43	3.4.1	Training valise			
44	3.4.2	Equipped with carrying handles			
45		Marked "Training Only-Not For Escape"			
SESSPE TRAINING LIFE RAFT					
46	4.1.1	Similar to life raft			
47	4.1.2	Marked "Training Only-Not For Escape"			
48	4.2	Inflation with manual pump			

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ANNEX “D”

MANDATORY TECHNICAL CRITERIA REQUIREMENTS (Bid Evaluation Plan)

**SUBMARINE ESCAPE AND
SURFACE SURVIVAL PERSONNEL EQUIPMENT
(SESSPE) ESCAPE SUITS WITH LIFE RAFTS,
TRAINING ESCAPE SUITS AND TRAINING LIFE
RAFTS FOR THE VICTORIA CLASS SUBMARINES (VCS)**

Mandatory Technical Criteria					
Item #	RFP Reference	Criteria	Compliant		Reference to applicable page and paragraph of Proposal
			Yes	No	
PROVEN EXPERIENCE					
1	3.1 Section I: Technical Bid	<p>The bidder must provide a company profile, indicating comparable project experience and technical capability. Therefore the company must:</p> <p>Demonstrate 72 months of experience within the last 12 years designing and delivering Submarine Escape and Surface Survival Personnel Equipment (SESSPE) Escape suits with life rafts by providing specific examples of comparable projects.</p> <p>The Bidders must include at minimum the following reference information: client Navy, date of delivery or in-service date, quantity of SESSPE and life rafts, NATO Stock Number and/or manufacture part number for SESSPE and life raft, and any other justification to demonstrate similar experience.</p>			

Mandatory Technical Criteria					
Item #	TSOR Reference	Criteria	Compliant		Reference to applicable page and paragraph of Proposal
			Yes	No	
SESSPE ESCAPE SUIT					
2	1.1	Compatibility			
3	1.2	Maximum escape depth			

Mandatory Technical Criteria					
Item #	TSOR Reference	Criteria	Compliant		Reference to applicable page and paragraph of Proposal
			Yes	No	
SESSPE ESCAPE SUIT (continued)					
4	1.3.1	Air consumption per escape			
5	1.3.2	Sufficient air flow			
6	1.4	Hood water level			
7	1.5	Service and storage life			
8	1.6.1	Normal breathing			
9	1.6.2	Toxic gases			
10	1.7	Buoyancy			
11		Ascent velocity			
12	1.8.1	Universal Sea State			
13	1.8.2	Withstanding of cold air and water temperatures			
14	1.9	Oral inflation system			
15	1.10.1	Impermeability			
16	1.10.2	Leakage rate in calm water			
17	1.11.1	Height and weight ranges			
18		Means of gathering excess material			

Mandatory Technical Criteria					
Item #	TSOR Reference	Criteria	Compliant		Reference to applicable page and paragraph of Proposal
			Yes	No	
SESSPE ESCAPE SUIT (continued)					
19	1.11.2	Thick clothing and work boots			
20	1.11.3	Unaided entry to single life raft			
21	1.12.1	Separate thermal protection layer			
22	1.12.2	Fully usable within ten (10) minutes			
23	1.12.3	Storage pocket			
24	1.12.4	Rapid hood removal			
25	1.12.5	Visibility of surroundings			
26	1.12.6	Slip proof soles			
27	1.12.7	Insulated Neoprene gloves			
28	1.12.8	Waterproof cuffs			
29	1.12.9	Wave/Splash protection			
30	1.12.10	Minimal fluid accumulation due to urine production			
31	1.12.11	Equipped with life raft			
32	1.13	Highly visible, orange material			
33	1.14	Nose clip, whistle and fixed buddy line with toggle			

Mandatory Technical Criteria					
Item #	TSOR Reference	Criteria	Compliant		Reference to applicable page and paragraph of Proposal
			Yes	No	
SESSPE ESCAPE SUIT (continued)					
34	1.15.1	Packaged in single valise			
35	1.15.2	Valise equipped with carrying handles			
36	1.16.1	Valise permanently marked			
37	1.16.2	Escape suit marked with serial number			
38	1.16.3	Inks used for marking			
SESSPE LIFE RAFT					
39	2.1.1	Manual inflation by activation of cartridge			
40	2.1.2	Inflation time			
41	2.1.3	Oral inflation system			
42	2.2.1	Highly visible, orange material			
43		SOLAS retro-reflective material			
44	2.2.2	Visibility of surroundings			
45	2.2.3	Salt water / manually activated beacon			
46	2.3	Seas up to Universal Sea State 5			
47	2.4.1	Fully enclosed from elements			

Mandatory Technical Criteria					
Item #	TSOR Reference	Criteria	Compliant		Reference to applicable page and paragraph of Proposal
			Yes	No	
SESSPE LIFE RAFT (continued)					
48	2.4.2	Insulated IAW LSA Code 4.1.1.5.1.			
49	2.5	SOLAS requirements			
50	2.6.1	Unassisted entry			
51	2.6.2	Adequate ventilation			
52	2.6.3	Manually righted			
53	2.6.4	Manual water removal system			
54	2.7.1	Tethered to escape suit			
55		Length of tethered line minimum 3 meters			
56	2.7.2	Drogue or sea anchor			
57	2.7.3	Equipped with tethered line			
58		Length of tethered line minimum 3 meters			
59	2.8	Life raft marked with serial number			
60		Permanent inks used for marking			

Mandatory Technical Criteria					
Item #	TSOR Reference	Criteria	Compliant		Reference to applicable page and paragraph of Proposal
			Yes	No	
STORAGE REQUIREMENTS FOR SESSPE ESCAPE SUITS AND LIFE RAFTS					
61	2.9	Storage requirements			
SESSPE TRAINING SUIT					
62	3.1.1	Similar to escape suit			
63	3.1.2	Marked "Training Only-Not For Escape"			
64	3.2	Performance			
65	3.3	Equipped with mock life raft			
66	3.4.1	Training valise			
67	3.4.2	Valise equipped with carrying handles			
68		Valise marked "Training Only-Not For Escape"			
69	3.5.1	Resistance to chlorinated water environment			
70	3.5.2	No corrosion points			
71	3.6	Maintenance			

Mandatory Technical Criteria					
Item #	TSOR Reference	Criteria	Compliant		Reference to applicable page and paragraph of Proposal
			Yes	No	
SESSPE TRAINING LIFE RAFT					
72	4.1.1	Similar to life raft			
73	4.1.2	Marked "Training Only-Not For Escape"			
74	4.2	Inflation with manual pump			
75	4.3	Performance			
76	4.4.1	Resistance to chlorinated water environment			
77	4.4.2	No corrosion points			
78	4.5	Maintenance			

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CCC No./N° CCC - FMS No./N° VME

ANNEX “E”

DELIVERY SCHEDULE

Batch #	Description	Quantity (Each)	Weeks after Contract Award (CA)
1	Initial SESSPE Escape Suits with Life Raft	3	
OPTIONAL QUANTITIES			
2	SESSPE Escape Suits with Life Raft	150	
	Technical Data Package IAW SOW Section 7	1	
3	SESSPE Escape Suits with Life Raft	150	
	Training Suits	48	
	Training Life Raft	12	
4	SESSPE Escape Suits with Life Raft	150	
5	SESSPE Escape Suits with Life Raft	150	

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ANNEX "F"

MILESTONE PAYMENT SCHEDULE

Batch #	Description	Quantity (Each)	Unit Price*	Extended Price*
1	Initial SESSPE Escape Suits with Life Raft	3		
OPTIONAL QUANTITIES				
2	SESSPE Escape Suits with Life Raft	150		
	Technical Data Package IAW SOW Section 7	1		
3	SESSPE Escape Suits with Life Raft	150		
	Training Suits	48		
	Training Life Raft	12		
4	SESSPE Escape Suits with Life Raft	150		
5	SESSPE Escape Suits with Life Raft	150		
Total				

* Applicable taxes excluded.

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ANNEX "G"

FINANCIAL BID FORM

Batch #	Description	Quantity (Each)	Firm Unit Price*/ FCA included	Extended Price* (Qty. x Firm Unit Price/FCA Included)	Optional Delivery Price DDP Destination
1	Initial SESSPE Escape Suits with Life Raft	3			
OPTIONAL QUANTITIES					
2	SESSPE Escape Suits with Life Raft	150			
	Technical Data Package IAW SOW Section 7	1			
3	SESSPE Escape Suits with Life Raft	150			
	Training Suits	48			
	Training Life Raft	12			
4	SESSPE Escape Suits with Life Raft	150			
5	SESSPE Escape Suits with Life Raft	150			
Total					

* Applicable taxes excluded.

Signature: _____

Date: _____

Print name: _____

Company: _____

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ANNEX “H” to PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

The Bidder accepts any of the following Electronic Payment Instrument(s):

- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);

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ANNEX "I" to PART 5 - BID SOLICITATION

FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY – CERTIFICATION

I, the Bidder, by submitting the present information to the Contracting Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare a bid non-responsive, or will declare a contractor in default, if a certification is found to be untrue, whether during the bid evaluation period or during the contract period. Canada will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with any request or requirement imposed by Canada may render the bid non-responsive or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\) – Labour's](#) website.

Date: _____ (YYYY/MM/DD) (If left blank, the date will be deemed to be the bid solicitation closing date.)

Complete both A and B.

A. Check only one of the following:

- A1. The Bidder certifies having no work force in Canada.
- A2. The Bidder certifies being a public sector employer.
- A3. The Bidder certifies being a [federally regulated employer](#) being subject to the [Employment Equity Act](#).
- A4. The Bidder certifies having a combined work force in Canada of less than 100 employees (combined work force includes: permanent full-time, permanent part-time and temporary employees [temporary employees only includes those who have worked 12 weeks or more during a calendar year and who are not full-time students]).
- A5. The Bidder has a combined workforce in Canada of 100 or more employees; and
 - A5.1. The Bidder certifies already having a valid and current [Agreement to Implement Employment Equity](#) (AIEE) in place with ESDC-Labour.

OR

- A5.2. The Bidder certifies having submitted the [Agreement to Implement Employment Equity \(LAB1168\)](#) to ESDC-Labour. As this is a condition to contract award, proceed to completing the form Agreement to Implement Employment Equity (LAB1168), duly signing it, and transmit it to ESDC-Labour.

B. Check only one of the following:

- B1. The Bidder is not a Joint Venture.

OR

- B2. The Bidder is a Joint venture and each member of the Joint Venture must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification. (Refer to the Joint Venture section of the Standard Instructions)