

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

**Bid Receiving - PWGSC / Réception des
soumissions - TPSGC**
11 Laurier St. / 11, rue Laurier
Place du Portage , Phase III
Core 0A1 / Noyau 0A1
Gatineau
Québec
K1A 0S5
Bid Fax: (819) 997-9776

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet REPAIR AND OVERHAUL SUPPORT SERVICE	
Solicitation No. - N° de l'invitation W8482-116492/A	Date 2012-05-30
Client Reference No. - N° de référence du client W8482-116492	
GETS Reference No. - N° de référence de SEAG PW-\$\$ML-002-22827	
File No. - N° de dossier 002ml.W8482-116492	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-08-28	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input checked="" type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Wright, Muriel	Buyer Id - Id de l'acheteur 025ml
Telephone No. - N° de téléphone (819) 956-4886 ()	FAX No. - N° de FAX (819) 956-0897
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE ATTN DGMPEM NP - DMARP 101 COLONEL BY DR. MGEN GEORGES R. PEARKES BLDG 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

Marine Machinery and Services / Machineries et services
maritimes

11 Laurier St. / 11, rue Laurier
6C2, Place du Portage
Gatineau
Québec
K1A 0S5

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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APPENDICES 1 THROUGH 8 ABOVE ARE AVAILABLE UPON WRITTEN REQUEST FROM THE CONTRACTING AUTHORITY IDENTIFIED ON PAGE 23. (French versions available 2-3 weeks following request.)

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PART 1 - GENERAL INFORMATION

1. Introduction

The bid solicitation is divided into seven parts plus attachments and annexes, as follows:

- Part 1 General Information: provides a general description of the statement of work;
- Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;
- Part 3 Bid Preparation Instructions: provides bidders with instructions on how to prepare their bid;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid, if applicable, and the basis of selection;
- Part 5 Certifications: includes the certifications to be provided;
- Part 6 Financial and Other Requirements: includes specific requirements that must be addressed by bidders; and
- Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

The Annexes include the TSOW (Annex A), Forecast sheet, Logistics (Generic) SOWs, Basis of Payment/Price Grid, Evaluation Criteria and DND Task Authorization Form.

2. Summary

The Department of National Defence (DND) has a requirement, on an as required basis and listed in four groups, to repair/overhaul and test a variety of pump assemblies or subassemblies used in various fluid systems onboard DND ships. Included in this requirement is performing modifications, conducting Special Investigations and Technical Studies (SITS), supplying Field Service Representatives/Mobile Repair Parties (FSR/MRP) and providing Technical Investigations and Engineering Support (TIES) for the stated equipment and their applicable systems. The requirement is for a period of three (3) years with two (2) one (1) year options and will require the contractor to be the Original Equipment Manufacturer (OEM) or have a current license or agreement with the OEM.

This procurement is subject to the Controlled Goods Program. There is no security requirement.

3. Debriefings

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

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the Standard Acquisition Clauses and Conditions (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) Manual issued by Public Works and Government Services Canada.

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

The 2003 2012-03-02 Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

The 2003, Standard Instructions - Goods or Services - Competitive Requirements, are amended as follows:

(a) Subsection 5.2.d

Delete: The facsimile number and related instructions for bids transmitted by facsimile are provided in Section 08;

(b) Subsection 5.4

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

(c) Subsection 7.2

Delete in its entirety

(c) Subsection 8

Delete in its entirety

1.1 SACC Manual Clauses

A9033T 2011-05-16 Financial Capability

2. Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

Due to the nature of the bid solicitation, bids transmitted by facsimile or via web-site (s) will not be accepted.

3. Enquiries - Bid Solicitation

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

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

4. Applicable Laws

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

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

5. Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least twenty (20) days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

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

Section I: Technical Bid (4 hard copies) and 4 soft copies on CD

Section II: Management Bid (4 hard copies)

Section III: Financial Bid (1 hard copy)

Section IV: Certifications (4 hard copies)

If there is a discrepancy between the wording of the soft copy and the hard copy, the wording of hard copy number (1) will have priority over the wording of the soft copy.

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>).

To assist Canada in reaching its objectives, bidders are encouraged to :

- (1) use paper containing fiber certified as originating from a sustain ably-managed forest and/or 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 must demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders must demonstrate their capability and expertise to perform the required Major Repair and Overhaul to 'As New Condition' in order to achieve the maximum stipulated vibration and noise levels for each applicable NATO Stock Number (NSN). Furthermore, the bidder must demonstrate their capability for conducting Special Investigations and Technical Studies (SITS), supplying Field Service Representatives/Mobile Repair Parties (FSRs/MRPs) and providing Technical Investigations and Engineering Support (TIES) for the stated equipment. Bidders must describe their approach for carrying out the work in a thorough, concise and clear manner.

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.

- 1.1 The Scope of Work is, when requested, to complete an all inclusive major Repair and Overhaul (R&O) to 'As Good As New' condition and meet the maximum stipulated noise and vibration test results (Ref. Annex A, Appendix 3, 4, 5, 6 and 7), modify and/or reduce to spares, a variety of pump assemblies, subassemblies, prime movers, and their associated components. The Work will also include, when requested, Special Investigation and Technical Studies (SITS), Technical Investigations and Engineering Studies (TIES), supply of Field Service Representative (FSR) support or Mobile Repair Parties (MRPs) for the stated equipment and its applicable systems. These pumps are used in fluid systems onboard various Department of National Defence (DND) Ships. The equipment is predominantly pumps used in fresh and salt water, and in fuel and lube oil systems, but also includes some pumps from heating, ventilation, air-conditioning and other systems. The equipment is categorized into four groups which are listed in Appendices 4 to 7 in Annex A to this bid solicitation.

1.2 The following definitions shall apply to this bid solicitation:

"Technical Data" refers to the Technical Data Package (TDP) which includes all Original Equipment Manufacturer (OEM) data including Engineering Data and Drawings.

"Technical Information"= information provided by DND for bidding purposes only.

"R&O Specifications" refers to repair and overhaul specifications, and standards which delineate tolerances, repair procedures, etc., obtained from the OEM.

1.3 Bidders shall either possess or be capable of obtaining the Technical Data, the R&O Specifications and the capabilities necessary, prior to bid closing, to undertake and successfully complete all aspects of the R&O services described in this bid solicitation.

Bidders must clearly demonstrate in their bid that the Technical Data and R&O Specifications required will be available to them because: i) the Bidder is the Original Equipment Manufacturer (OEM) of the selected items; or, ii) the Bidder has a license or agreement with the relevant OEM for this Solicitation.

1.4 Canada shall not be held liable for providing to the Contractor any further technical information to the Equipment Performance Sheets for each item. Canada may provide limited technical information, if available, for bidding purposes only. The technical information may be subject to Limited Intellectual Property Rights and shall only be released to bidders provided they request such data, and provide certification of non disclosure to the Contracting Authority. This technical information for the pumps described herein, has been delivered to Canada under various contracts since 1960.

As the technical information has not been fully updated since that time, Canada is unable to, and does not warrant its accuracy or completeness. Canada shall not be responsible or liable for any damage or loss which may result from use of, or reliance on, this technical information. The Contractor shall acknowledge that it has no right to assert against Canada, any claim or demand based on the technical information resulting in failure to meet its obligations under the Contract, including without limitation its obligation to meet the Equipment Performance Specifications set out in Annex A of the Contract.

1.5 Canada shall also have the option to add R&O services, for any new naval pump item or for any naval pump item without contracted R&O services, to any resulting contract, at any time during the period of the contract at prices to be negotiated in accordance with the Basis of Payment.

1.6 It is acceptable to use subcontractors to perform part of, or all of the R&O services described in this bid solicitation; however, the relationship between the Bidder and the proposed subcontractor and division of the Work must be clearly indicated in the bid.

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- 1.7 With the exception of Naval Engineering Test Establishment (NETE) testing facilities addressed hereunder, Bidders must demonstrate that they or their major subcontractors or partner have adequate facilities to perform the Work. Bidders must identify and describe the facilities and instrumentation to be used in the course of the Contract which will meet the requirements of the Technical and Logistic Statements of Work. Bidders/major subcontractors/partners shall have or shall make provision to have the use of testing installations and equipment for electric motors and pumps, as well as for steam turbine driven pumps, to suitably confirm performance and vibration output of overhauled pumps and motors in accordance with relevant specifications in their bid solicitation.
- 1.8 In responding to this solicitation, bidders must include in their bid a description of the vibration monitoring equipment, test loops, mounting arrangements, parameters to be measured, accuracy of instrumentation and provisions for calibration. In addition, bidders must include in their bid the plan they will follow for performance and vibration testing of the overhauled pumps and motors. Bidders/major subcontractors/partners shall have an installation capable of secure mounting pumps of approximate weight of 1200 kg, with resilient mounts and flexible connections in accordance with the Statement of Work. Bidders/major subcontractors/partners shall have a test loop with minimum pipe sized and capable to withstand peak pressure and flow rate expected of any of the equipment items identified.

1.9 Quality Plan

Bidders must submit their ISO 9002 Certificate or their Quality Assurance Plan with their bids for acceptance by the Department of National Defence (DND). The submitted Quality Plan shall be prepared according to the latest issue (at bid closing date) of ISO 10005 "Quality management - Guidelines for quality plans". The Quality Plan must be in the same format that will be used after award of contract. The Quality Plan shall describe how the Bidder/Contractor will conform to the specified quality requirements of the Solicitation and specify how the required quality activities are to be carried out, including quality assurance of subcontractors. The Bidder/Contractor must include a traceability matrix from the elements of the specified quality requirements to the corresponding paragraphs in the Quality Plan.

The Quality Plan may reference other documents. Where referenced documents do not already exist, but are required by the Quality Plan, the plan must identify them and also identify when, how and by whom they will be prepared and approved. The documents referenced in the Quality Plan must be made available when requested by Public Works and Government Services Canada or the Department of National Defence.

- 1.10 The services of NETE may be used by contractors for this requirement but will not be provided separately and free of charge nor on a priority basis by Canada. Should the Contractor elect to use NETE as its test facility, the Contractor is hereby forewarned that any delay in R&O Turn Around Time caused by NETE shall not be recognized as a delay caused by Canada and the Contractor shall remain solely and fully liable for such performance deficiencies. Bidders that elect to use NETE as the test facility for any of the pumps of this requirement should contact:

Serge Lamirande, Site Manager
 Naval Engineering Test Establishment (NETE)
 Tel: (514) 366-4310 ext. 300
 Cell: (514) 248-2841
 email: Serge.Lamirande@nete.dnd.ca

Bidders proposing NETE as a test facility shall provide separately from Annex E, for each pump tested at NETE, the details (including NETE quotes) of the testing costs included in their firm prices for verification by the Contracting Authority. Costs related to the transportation of pumps between NETE & the Contractor's facility are the responsibility of the Contractor. For each of the pumps tested at NETE, the Contractor must submit a copy of the NETE testing invoice with it's invoice for the completed work.

2. Specifications

Unless otherwise specified, the following specifications of the issue in effect on the date of bid solicitation, shall form part of the contract at such time as any work requirement exists that falls within the terms of these specifications:

D-LM-008-001/SF-001	D-LM-008-036/SF-000 (90-06-11)	C-27-876-000/TD-001
D-02-006-008/SG-001 (85-05-16)	D-03-002-006/SG-000	C-27-877-000/TD-001
A-LM-184-001/JS-001	A-SJ-100-001/AS-000	C-27-878-000/TD-001
ISO 10012 (92-01-01)	C-02-005-011/AM-000	C-27-879-000/TD-001
ISO 9001:2008	NATO STANAG 4107 (89-08-17)	C-27-880-000/TD-001
		C-27-931-000/TD-001

Canada shall only be responsible to distribute, upon written request from the Contracting Authority, the DND Specifications and Publications if called up in this bid solicitation. Bidders and contractors shall be responsible for obtaining any other specification or publication called up in this bid solicitation, whether commercially available or not, or originating from any other provincial, or Canadian government departments or agencies.

3. Materiel Supplied

3.1 Provision of all spare parts or components to enact repair and overhaul of items covered under the contract shall be the responsibility of the Contractor.

3.2 Canada will only accept parts that:

(a) are supplied by the Original Equipment Manufacturer (OEM) or its authorized dealers or distributors, and/or are manufactured by the OEM or by an OEM-licensed manufacturer in accordance with the most recent OEM's drawings and/or specifications; and

(b) have not formerly been declared as surplus or scrap by foreign or Canadian governments.

IT IS MANDATORY THAT BIDDERS CERTIFY IN WRITING THEIR COMPLIANCE TO 3.2 (a) & (b) ABOVE.

Section II: Management Bid

In their management bid, bidders must describe their capability and experience, with sufficient documentation to clearly demonstrate their years of experience in successfully completing major pump overhauls in each group of pumps selected and provide proof of capability to meet all requirements stipulated in this solicitation. The bidder must also describe the capability and experience of the management team and provide client contacts and contracts as requested in Annex F, Evaluation Criteria.

Section III: Financial Bid

1.1 Bidders must submit their financial bid in accordance with the Basis of Payment/Price Grid at Annex E. The total amount of Goods and Services Tax or Harmonized Sales Tax must be shown separately, if applicable.

1.2 Exchange Rate Fluctuation

The requirement does not provide for exchange rate fluctuation protection. Any request for exchange rate fluctuation protection will not be considered and will render the bid non-responsive.

1.3 Fixed Rate Price Increases Based on Consumer Price Index (CPI)

The first year prices as submitted in Annex E 'Price Grid' will be the base year for subsequent year 2 prices (Year 2 will be base year for Year 3 and so on) and will be adjusted annually based on the average monthly CPI change for past 12 months, month 4 to 15 prior to contract date using the Consumer Price Index Table 326-0020, 2009 Basket, monthly from Statistics Canada.

(i) Example Year 2 Pricing:

First year fixed price for NSN 123-456-789 = \$25,000.00 as per completed Annex E with contract issue date of 2011.09.15 .

Price increase will be average rate from Table 326-0020 (monthly) in past 12 months from July 2010 to June 2011.

The Revised Year 2 rate = Current Price X (1 + % Average CPI Increase past 12 months)

(ii) Year 3 and option years:

The revised Rates(s) = Year 2 Pricing X (1 + % CPI Rate Increase)

Section IV: Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

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

1.1 Technical Evaluation

Mandatory and point rated technical evaluation criteria including minimum score required to pass the evaluation are included in Annex F.

1.2 Management Evaluation

Mandatory and point rated technical evaluation criteria are included in Annex F.

1.3 Financial Evaluation

1.3.1 Mandatory Financial Criteria

- (a) Per group of pumps referenced in Annex B, it is mandatory to submit a bid price for all NATO Stock Numbers (NSN) listed in each group. Failure to submit a price for a NSN in a group will render the bid non-responsive for that particular group.
- (b) The 1st year prices are set as per the completed schedule Annex E.

2. Basis of Selection

2.1 To be declared responsive, a bid must:

- (a) comply with all the requirements of the bid solicitation; and
- (b) meet all mandatory technical evaluation criteria; and
- (c) obtain a minimum score of 30 points overall for the technical evaluation criteria which is subject to point rating. The rating is performed on a scale of 50 points.

- 2.2 Bids not meeting (a) or (b) or (c) will be declared non-responsive. For each Group of pumps, the responsive bid with the lowest evaluated price will be recommended for award of a contract.
- 2.3 The total evaluated price per Group of Pumps (1, 2, 3 or 4) will be calculated as follows:
- (a) For each NSN, the bid price for Major Overhaul will be multiplied by the forecasted quantity for year 2012 indicated in Annex B (for evaluation purposes only, any NSN with forecast quantity = 0 will be replaced with a quantity of 1) and a sum total of each calculated NSN amount will be calculated; and
 - (b) The Firm Hourly Labour Rate for Modifications and Reduction to Spares will be multiplied by a factor of 200 to obtain a 2nd total; and
 - (c) The Firm Composite Hourly Labour rate for TSOW 3.2.5, 3.2.6, 3.2.7 & 3.2.8 activities will be multiplied by a factor of 200 to obtain a 3rd total; and
 - (d) The Firm price to apply ceramic coating (if applicable), multiplied by a factor of 10 will be calculated to obtain a 4th total.

For each Group of Items, the lowest sum total dollar value of (a), (b), (c) & (d) above will determine the lowest evaluated price.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications to be awarded a contract. Canada will declare a bid non-responsive if the required certifications are not completed and submitted as requested. Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

1. Certifications Required with the Bid

Bidders must submit the following duly completed certification(s) as part of their bid.

1.1 Federal Contractors Program (FCP)

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

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

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

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

The Bidder or the member of the joint venture

- (a) is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada;
- (b) is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;
- (c) is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC (having not bid on requirements of \$200,000 or more), in which case a duly signed certificate of commitment is attached;
- (d) is subject to the FCP, and has a valid certificate number as follows: _____ (e.g. has not been declared an ineligible contractor by HRSDC.)

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

PART 6 - FINANCIAL AND OTHER REQUIREMENTS

1. Financial Capability

SACC Manual clause A9033T 2011-05-16 Financial Capability

2. SACC Manual Clauses

A9130T 2011-05-16 Controlled Goods Program

PART 7 - RESULTING CONTRACT CLAUSES

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

1. Requirement

1.1 The Department of National Defence (DND) has a requirement, on an as required basis and listed in four groups, to repair/overhaul and test a variety of pump assemblies or subassemblies used in various fluid systems onboard DND ships. Included in this requirement is performing modifications, conducting Special Investigations and Technical Studies (SITS), supplying Field Service Representatives/Mobile Repair Parties (FSR/MRP) and providing Technical Investigations and Engineering Support (TIES) for the stated equipment and their applicable systems.

1.1.1 The Contractor shall perform the Work at the Contractor's or Subcontractor's Plant or on-site by MRP, in accordance with the Technical Statement of Work (TSOW) at Annex A, with the Logistic Statements of Work attached hereto as Annexes C and D, respectively, and with the Contractor's technical bid entitled _____, dated _____.

1.1.2 **There is no security requirement.**

1.1.3 The Contractor shall be responsible for undertaking and completing all work as requested.

1.1.4 The Contractor shall be responsible for providing all repair tools and test equipment.

1.1.5 The Contractor possesses all Technical Data and R&O Specifications required to carry out the Work because: i) the Contractor is the Original Equipment Manufacturer (OEM) of the selected items; or, ii) the Contractor has a license or agreement with the relevant OEM for this requirement.

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- 1.1.6 The Contractor shall supply all repair and replacement parts required for the major repair and overhaul of the equipment listed as Contractor Furnished Material (CFM) and the timely provision of parts to meet the requested Turn Around Time (TAT) shall be the responsibility of the Contractor. However, for parts requiring long lead time, DND reserves the right to purchase parts as required. Every case will be reviewed by DND to evaluate the impact of the unavailability of the end item versus the operational requirement. Parts shall be used and stocked by the Contractor during the course of the Contract. Additional parts shall only be procured with the prior authorization of the Technical Authority and the Requisitioning Authority. After contract completion, the remaining stock shall be properly identified, packaged and delivered to DND as spares.
- 1.1.7 DND holds an inventory of spare parts associated with this requirement and wishes to make these spares available at certain conditions to the Contractor until full depletion of the inventories. All requests for Canadian Forces Supply Stock (CFSS) by the Contractor will be sent to the Requisitioning Authority for approval prior to ordering from NDQAR authority. There is no incentive basis of payment; the full market value of the item ordered from CFSS will be subtracted from the contract fixed price of the item being overhauled.
- 1.1.8 Canada has the option to add R&O services, if required, for any new naval pump item or for any naval pump item without contracted R&O services at any time during the period of the contract at prices to be negotiated in accordance with the Basis of Payment.
- 1.1.8.1 The Contractor is authorized to evaluate the condition of any naval pump item or auxiliary equipment, on a time and material basis in accordance with Basis of Payment of the Contract, up to a maximum of 10 % of the Maximum Repair Cost (MRC) of the item.
- 1.1.8.2 In the event that the maximum of 10% of the MRC has been reached and the Contractor deems that further evaluation is required, the Contractor must seek authorization to proceed from the Requisitioning Authority. If authorization to proceed with further evaluation is granted, the Requisitioning Authority will advise the Contractor of the new maximum percentage of the MRC which must not be exceeded.
- 1.1.8.3 Beyond Economical Repair

For any item considered to be Beyond Economical Repair (BER), Canada shall pay the Contractor for all work performed up to that point, on a time and material basis in accordance with the Basis of Payment, up to a maximum of 10% of the MRC for the work and costs undertaken for stripping, inspection and assessment. In the event that the Contractor was authorized to proceed with the evaluation and that a new maximum percentage was established by the Requisitioning Authority, Canada shall pay the Contractor for all work performed up to that point on a time and material basis in

accordance with the Basis of Payment, up to a maximum of the newly established percentage of the MRC.

1.1.9 The Work shall be broken down into two categories of work. Category 1 will consist of Repair & Overhaul (R&O) and Category 2 will consist of Mobile Repair Party (MRP), Special Investigation and Technical Studies (SITS), Technical Investigation and Engineering Studies (TIES) and Disposal.

1.1.9.1 Additional information:

A. TIES: This activity includes the provision of system and equipment maintenance support and management services. It includes the requirement analysis and planning to ensure current reliability and availability specifications can be met, the scheduling of maintenance, the identification of spares and support, as well as the development of policies and maintenance procedures. It also includes the contract management activities as well as validation/acceptance of deliverables when the maintenance activity is contracted;

The R&O category covers modifications of the equipment or system (from the OEM standard) which DND specifically request, e.g. a DND-sponsored modification, DND-approved "optional extras" or incorporation of optional OEM service bulletins, to which DND agrees.

"Involuntary" modifications, although they may require DND's knowledge and approval, are not considered "Engineering Change". Rather, they shall be coded as R&O.

Examples:

- replacing a part which is no longer produced, with OEM's substitute part; or
- incorporation of compulsory service bulletins; or
- updating an early configuration to the OEM's current baseline standard.

B. SITS: See section 3.5 of Annex C of this bid solicitation.

C. Disposal: This activity includes all disposal-related aspects of removing existing systems from service as well as the physical disposal of assets. It includes disposal option analysis, the preparation of disposal plans, identification of surplus equipment and disposal of equipment/systems and fleet, ensuring that safety and environmental requirements are addressed. It also includes the contract management activities, if any, if the disposal activity is contracted.

1.2 Authorizations

1.2.1 Supply Accounting (for Category 1 work)

The Contractor shall repair and/or overhaul only those items for which it has received authorization in accordance with the relevant section of A-LM-184-001/JS-001. The Contractor shall also conform to the direction contained in A-LM-184-001/JS-001 as applicable and such other Supply procedures as may be advised from time to time in the demanding, handling, packaging, storing, shipping and recording etc. of the DND equipment and stores in his possession. Overhaul/repair priorities will be maintained as per information provided in the Selection Notice and Priority Summary (SNAPS).

1.2.2 Requirement for use of DND 626 Task Authorization (for Category 2 work)

DND will raise DND 626 Task Authorizations to authorize work under the contract for some or all of the required services. The requested DND approval limit for each DND 626 is \$35,000.00 with an amendment limit of 50% of the original value. Tasks over this limit will be passed to the Contracting Authority for review and where applicable to negotiate a reasonable cost savings with the Contractor. On completion of the review/negotiation the Contracting Authority will then provide DND with the Contractor's new quote, if applicable, and the authorization to proceed by approving the DND 626.

1.2.3 Task Authorization - Administration

The administration of the Task Authorization process will be carried out by D Mar P 3-4-4 . This process includes monitoring, controlling and reporting on expenditures of the contract with task authorizations to the Contracting Authority.

1.2.4 Task Authorization (TA)

The Work or a portion of the Work to be performed under the Contract will be on an "as and when requested basis" using a Task Authorization (TA). The Work described in the TA must be in accordance with the scope of the Contract.

1.2.5 Task Authorization Process

1.2.5.1 The Project Authority will provide the Contractor with a description of the task using the DND 626 Task Authorization Form.

1.2.5.2 The Task Authorization (TA) will contain the details of the activities to be performed, a description of the deliverables, and a schedule indicating completion dates for the major activities or submission dates for the deliverables. The TA will also include the applicable basis and methods of payment as specified in the Contract.

1.2.5.3 The Contractor must provide the Project Authority, within seven (7) calendar days of its receipt, the proposed total estimated cost for performing the task and a breakdown of that cost, established in accordance with the Basis of Payment specified in the Contract.

1.2.5.4 The Contractor must not commence work until a TA authorized by the Project Authority has been received by the Contractor. The Contractor acknowledges that any work performed before a TA has been received will be done at the Contractor's own risk.

1.2.6 Authority to carry out work shall not be construed as authority to proceed with work which will result in exceeding the financial limitation of the contract.

1.3 Performance and Reliability

Equipment, overhauled or repaired in accordance with the terms of the contract, will be produced to meet the military and marine standards of performance and reliability. When such standards are not described or when the standards described are considered by the contractor to be inadequate, the Contractor will submit the standards of performance and reliability to which it proposes to overhaul/repair the equipment through the Quality Assurance Representative (QAR) to the Technical Authority for DND approval.

1.4 Specifications

Unless otherwise specified, the following specifications of the issue in effect on the date of bid solicitation, shall form part of the contract at such time as any work requirement exists that falls within the terms of these specifications:

D-LM-008-001/SF-001	D-LM-008-036/SF-000 (90-06-11)	C-27-876-000/TD-001
D-02-006-008/SG-001 (85-05-16)	D-03-002-006/SG-000	C-27-877-000/TD-001
A-LM-184-001/JS-001	A-SJ-100-001/AS-000	C-27-878-000/TD-001
ISO 10012 (92-01-01)	C-02-005-011/AM-000	C-27-879-000/TD-001
ISO 9001:2008	NATO STANAG 4107 (89-08-17)	C-27-880-000/TD-001
		C-27-931-000/TD-001

The Contractor acknowledges that it has no right to assert against Canada, any claim or demand based on the technical information resulting in impossibility of performance of its obligations under the Contract, including without limitation its obligation to meet the Equipment Performance Specifications set out in Annex A of the Contract.

1.5 Materiel Supplied

1.5.1 Provision of all spare parts or components to enact repair and overhaul of items covered under the contract shall be the responsibility of the Contractor.

1.5.2 Canada will only accept parts that:

- (a) are supplied by the Original Equipment Manufacturer (OEM) or its authorized distributors or dealers, and/or are manufactured by the OEM or by an OEM-licensed manufacturer in accordance with the most recent OEM's drawings and/or specifications;
and
- (b) have not formerly been declared as surplus or scrap by any foreign or Canadian government.

1.6 Parts Serviceability

When any doubts exists as to the serviceability of parts or components not requiring mandatory replacement, parts or components shall be repaired, overhauled, or replaced by new. If in the event that a part is unavailable, the use substitutions or reuse of removed components must be specifically agreed to in writing, in advance, by the Technical Authority. The decision to repair, overhaul, or replace parts or components shall be left to the Contractor and the cost of such work shall be included in the firm fixed price for the major overhaul of the item, shall not affect the terms of warranty for the item and the stipulated mandatory performance requirements specified in Appendices 4-7 of Annex A.

1.7 Testing Requirements

The testing requirements of TSOW subsections 3.3.12, 3.3.13, 3.3.14, 3.3.15 and 3.3.16 shall be the responsibility of the Contractor and, except for TSOW 3.3.16 related work, all testing costs shall be included in the firm fixed price for the repair of each item as per the Basis of Payment.

2. **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 (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) Manual issued by Public Works and Government Services Canada.

2.1 General Conditions

2035 2012-03-02, General Conditions - Higher Complexity - Services

3. **Term of Contract**

3.1 Period of the Contract

The period of the Contract is from date of Contract to _____ inclusively.

3.2 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to two (2) additional one (1) year periods under the same conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with 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 30 calendar days before the expiry date of the Contract. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

4. **Authorities**

4.1 Contracting Authority

The Contracting Authority for the Contract is:

Muriel Wright, Supply Specialist
Public Works and Government Services Canada (PWGSC)
Acquisitions Branch, Marine Sector
Marine Systems Directorate, "ML" Division
6C2, Place du Portage, Phase III
11 Laurier St., Gatineau, Qc, K1A 0S5
Telephone: 819-956-4886; Facsimile: 819-956-0897
E-mail: muriel.wright@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.

4.2 Project Authority

The Project Authority for the Contract is:

National Defence Headquarters
Maj Gen George R. Pearkes Bldg
101 Colonel By Drive
Ottawa, Ontario, K1A 0K2
Attention: D Mar P 3-4-4
Tel: 819-994-8985; Facsimile: 819-994-7489

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

4.3 Technical Authority

The Technical Authority, to be advised once a contract is awarded, is responsible for technical aspects related to the requirement.

4.4 Quality Assurance Authority/Inspection Authority

The Quality Assurance Authority/Inspection Authority will be advised once a contract is awarded.

4.5 CFQAR

The CFQA Representative will be advised once a contract is awarded.

4.6 Contractor's Representative

5. Payment

5.1 Basis of Payment

5.1.1 In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid in accordance with the Basis of Payment, as specified in Annex E. Customs duties are included and Goods and Services Tax or Harmonized Sales Tax extra, if applicable.

5.1.2 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.

5.2 Basis of Payment - Task Authorizations

- 5.2.1 The Contractor will be reimbursed for the costs reasonably and properly incurred in the performance of the Work specified in the authorized Task Authorization (TA), as determined in accordance with the Basis of Payment in Annex E to the limitation of expenditure specified in the authorized TA.
- 5.2.2 Canada's liability to the Contractor under the authorized TA must not exceed the limitation of expenditure specified in the authorized TA. Customs duties are included and Goods and Services Tax or Harmonized Sales Tax extra, if applicable.
- 5.2.3 No increase in the liability of Canada or in the price of the Work specified in the authorized TA resulting from any design changes, modifications or interpretations of the Work will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been authorized, in writing, by the Contracting Authority before their incorporation into the Work.
- 5.3 Yearly Consumer Price Index Increase

Yearly Price Increases from Base Year 1 (Prices submitted on Price Grid) will be based on the Fixed rate Consumer Price Index (CPI) increase.

The first year prices, as submitted in Annex E 'Price Grid' will be the base year for subsequent years price increases (Year 2 will be base year for Year 3 and so on) and will be adjusted annually based on the average monthly CPI change over 12 months starting with 3rd month prior to contract date. Consumer Price Index Table 326-0020, 2009 Basket, monthly from Statistics Canada.

(i) Example Year 2 Pricing:

First year fixed price for NSN 123-456-789 = \$25,000.00 as per completed Annex E with contract issue date of 2011.09.15 .

Price increase percentage will be the average rate increase from Table 326-0020 (monthly) from previous 12 months from May 2010 to June 2011.

The Revised Year 2 rate = Current Price X (1 + % CPI Average Rate Increase)

5.4 Limitation of Expenditure

- 5.4.1 Canada's total liability to the Contractor under the Contract must not exceed \$22,650,000.00 . Customs duties are included, and Goods and Services Tax or Harmonized Sales Tax extra, if applicable.
- 5.4.2 No increase in the total liability of Canada or in the price of the Work resulting from any design changes, modifications or interpretations of the Work, will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been approved, in writing, by the Contracting Authority before their incorporation into the Work. The Contractor must not perform any work or provide any service that would result in Canada's total liability being exceeded before obtaining the written approval of the Contracting Authority. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:
- (a) when it is 75 percent committed, or
 - (b) four (4) months before the contract expiry date, or
 - (c) as soon as the Contractor considers that the contract funds provided are inadequate for the completion of the Work, whichever comes first.
- 5.4.3 If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

5.5 Canada's Obligation - Portion of the Work - Task Authorizations

SACC Manual Clause, B9031C 2011-05-16

5.6 Limitation of Price

SACC Manual clause C6000C 2011-05-16

5.7 Multiple Payments

SACC Manual clause H1001C 2008-05-12 Multiple Payments

6. Invoicing Instructions

Invoices cannot be submitted until all work identified in the invoice is completed.

6.1 Invoices will be submitted as follows:

For category 1 work:

Invoices shall clearly identify the following, if applicable:

- a. DND financial coding;
- b. contract serial number;
- c. details of items repaired including:
 - NSN
 - Description of item
 - Labour hours and rate of payment
 - Materiel costs
 - Other applicable costs
 - Work order numbers
 - Stock holding code change notification document number
 - GST/HST.
- d. Copy of NETE Testing Invoice (if applicable)

For Category 2 work:

Invoices shall be submitted as specified in each DND 626 Requisition on Contract. Invoices shall clearly identify the following:

- a. DND financial coding as quoted in the tasking;
 - b. contract serial number;
 - c. task authorization requisition number;
 - d. engineering or technical support classification;
 - e. rate of payment;
 - f. ceiling number of hours applicable to task, if applicable;
 - g. cost of materials related to the task; and
 - h. approved travel and living expenses related to the task (receipts required);
 - i. GST/HST.
- 6.2 Payment will only be made on receipt of satisfactory invoices duly supported by specified release documents and other documents called for under the terms of the contract.

Supporting documentation for any Travel & Living charges (hotel receipts, rental car, parking...) must be included with the invoice.

6.3 Invoices must be distributed as follows:

(a) The original and one (1) copy, with attachments, must be forwarded to:

National Defence Headquarters
Maj Gen George R. Pearkes Bldg
101 Colonel By Drive
Ottawa, Ontario, K1A 0K2

Attention: D Mar P 3-4-4

(b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

7. Certifications

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

8. Applicable Laws

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

9. 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 2035 2012-03-02 - Higher Complexity - Services;
- (c) Annex A, Technical Statement of Work (TSOW) and Appendices 1 thru 8 to Annex A;
- (d) Annex B, Groups of Pumps & Forecasts;

-
- (e) Annex C, Logistics (Generic) Statement of Work for Free Flow (Components) for Repair and Overhaul;
 - (f) Annex D, Logistics (Generic) Statement of Work for Accountable Advance Spares/ Bonded Inventory for Repair and Overhaul;
 - (f) Annex E, Basis of Payment/Price Grid;
 - (g) the signed Task Authorizations (including all of its annexes, if any) (if applicable); and
 - (h) the Contractor's bid dated _____ (insert date of bid) (If the bid was clarified or amended, insert at the time of contract award:", as clarified on _____" or ", as amended on _____" and insert date(s) of clarification(s) or amendment(s)).

10. Defence Contract

SACC Manual clause A9006C 2008-05-12 Defence Contract

11. Insurance

SACC Manual clause G1005C 2008-05-12 Insurance

12. Controlled Goods Program

SACC Manual clause A9131C 2011-05-16, Controlled Goods Program

12.1 Controlled Goods

SACC Manual clause B4060C 2011-05-16 , Controlled Goods

Note: There are no controlled items associated with this requisition at this time, however this may be subject to change should new equipment/material be added to this requirement.

13. Inspection and Acceptance

13.1 Quality Plan

- 13.1.1 No later than _____ days after the effective date of the Contract, the Contractor must submit for acceptance by the Department of National Defence (DND) a Quality Plan prepared according to the latest issue (at contract date) of ISO 10005:2005 "Quality management systems - Guidelines for quality plans". The Quality Plan must describe how the Contractor will conform to the specified quality requirements of the Contract and specify how the required quality activities are to be carried out, including quality assurance of subcontractors. The Contractor must include a traceability matrix from the elements of the specified quality requirements to the corresponding paragraphs in the Quality Plan.

13.1.2 The documents referenced in the Quality Plan must be made available when requested by Public Works and Government Services Canada or DND.

13.1.3 If the Quality Plan was submitted as part of the bidding process, the Contractor must review and, where appropriate, revise the submitted plan to reflect any changes in requirements or planning which may have occurred as a result of pre-contract negotiations.

13.1.4 Upon acceptance of the Quality Plan by DND, the Contractor must implement the Quality Plan. The Contractor must make appropriate amendments to the Quality Plan throughout the term of the contract to reflect current and planned quality activities. Amendments to the Quality Plan must be acceptable to DND.

13.1.5 If the Contract includes the option for software design, development or maintenance of software, the Contractor must interpret the requirements of ISO 9001:2008 "Quality management systems - Requirements", according to the guidelines of the latest issue (at contract date) of ISO/IEC 90003:2004 "Software engineering - Guidelines for the application of ISO 9001:2000 to computer software".

13.2 Quality Assurance Authority

D5510C 2011-05-16 Quality Assurance Authority (DND) - Canadian-based Contractor

13.3 Quality Management Systems - Requirements (QAC Q)

D5540C 2010-08-16 ISO 9001:2008 Quality Management Systems - Requirements (QAC Q)

13.4 Release Documents - Contractor

D5606C 2007-11-30 Release Documents (DND) - Canadian-based Contractor

13.5 Release Documents - Distribution

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

- (a) Copy 1: mail to consignee marked: "Attention: Receipts Officer";
- (b) Copies 2 and 3: with shipment (in a waterproof envelope) to the consignee;
- (c) Copy 4: to the Contracting Authority;
- (d) Copy 5: to:

National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A OK2

Attention: D Mar P 3-4-4

- (e) Copy 6: to the Quality Assurance Representative;
- (f) Copy 7: to the Contractor;
- (g) Copy 8: all non-Canadian contractors to:

DQA/Contract Administration
National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A OK2
E-mail: ContractAdmin.DQA@forces.gc.ca.

14. Preparation for Delivery

14.1 Packaging and Preservation

After final acceptance, overhauled equipment shall be mounted on flexible mounts, preserved and crated in accordance with the requirements of D-LM-008-001/SF-001 and returned to the Canadian Forces Supply System.

- 14.2 Therefore, all pump assemblies and subassemblies shall be packaged to a "Level B Limited Military Pack" with the Contractor selecting the appropriate cleaning method, drying procedure and preservative coating for the application. The preservation method shall be to Sub-method IIa of method II, Water-Vapour proof Enclosure with Desiccant (with Preservative as required). Method III, Packaging for Mechanical and Physical Protection, is required in addition to the previously specified requirement. Reuse/salvaging of the original shipping crate is acceptable, however, the Contractor shall have final responsibility for the adequacy of the shipping container.

- 14.3 The Contractor shall determine the most appropriate preservation and packaging method for individual components overhauled separately from the item assembly by following Annex A of D-LM-008-001/SF-001.

- 14.4 Where a requirement to repair, replace or provide a reusable container or other packaging material has been identified, the Contractor must submit an estimate of all costs and a description of the work to be performed to the DND Requisitioning Authority. The Contractor must also receive the RA's written approval prior to performing the work. Upon receipt of the RA's approval, the Contractor will perform the work on a time and material basis, using applicable rates.

15. Shipping Instructions (DND) - Canadian-based Contractor

- 15.1 Delivery will be FCA Free Carrier at the Contractor's facility 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.
- 15.2 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 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

OR

- (b) 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

OR

- (c) 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. 2323, 2852 or 4673
 Facsimile: 1-866-939-8673 (toll free), or 1-514-252-2911
 E-mail: 25DAFCTrafficQM@forces.gc.ca

OR

- (d) 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: FLogILAA@forces.gc.ca

- 15.3 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 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, the International Air Transport Association regulations or the applicable Canadian Dangerous Goods Shipping Regulations, and a copy of the material safety data sheet.
- 15.4 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.
- 15.5 The Contractor must not ship the goods before receiving shipping instructions from the DND Inbound Logistics contact.
- 15.6 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.

- 15.7 If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either thirty (30) days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or thirty (30) days following the delivery date specified in the Contract, whichever is later.

16. Identification Marking

All equipment assemblies or components, after overhaul or reconditioning shall have the original marking information and serial numbers restored and shall have the following information added immediately adjacent to the original identification markings or previous reconditioning markings: Reconditioner's Identification, Date of Reconditioning, Date of expiration of Warranty and Inspector's stamp/number.

17. Urgent Requirements

The Contractor shall be prepared to take immediate action to satisfy DND urgent requirements, as and when required by the authorized representative of the Project Authority.

18. Reports

18.1 Pre-Overhaul Inspection Report

The contractor shall submit a pre-overhaul inspection report in accordance with TSOW 4.1.

18.2 Reports Category 1

18.2.1 The Contractor shall submit to the Requisitioning Authority two copies of a Quarterly Summary Report, one hard copy and one soft copy in Microsoft EXCEL. This report shall consist of all equipment completed in the previous three months and shall include: item name, NSN, EAC, model #'s, serial #'s, cause of failure/major defects, date received, date completed and revised turn around time with justification. If available (from condition tag), the ship from which the equipment was removed, and the date, shall also be provided. The cost in the Quarterly Summary Reports shall be included in the all inclusive, firm fixed prices for Major Overhauls.

18.2.2 The Contractor shall submit two copies of the "final test report", one hard copy and one soft copy in Microsoft WORD, in accordance with TSOW 4.3. The cost of the "final test report" shall be included in the all inclusive, firm fixed price for Major Overhaul for each item.

18.2.3 The Contractor shall submit two copies of the "data sheets", one hard copy and one soft copy in Microsoft EXCEL, in accordance with TSOW 4.2. The cost of submitting the data sheets shall be included in the firm fixed price for HALIFAX Class additional airborne noise and vibration testing for each item.

18.3 Reports Category 2

18.3.1 The requirement for progress reports and final reports shall be specified in the Statement of Work appended to the DND 626. In addition to the copies required by the Technical Authority, one copy shall be delivered to the Contracting Authority. The cost of such reports shall be included in the negotiated price for the relevant DND 626 tasking.

18.3.2 The Contractor shall submit, at no additional cost to Canada, two copies of a MRP or FSR or SITS Completion Report, one hard copy and one soft copy in Microsoft WORD, in accordance with TSOW 4.3.

18.3.3 The Contractor shall submit, at no additional cost to Canada, such other reports with respect to the work as requested by DND.

19. Meetings

19.1 Progress meetings, chaired by the Contracting Authority, will take place at the Contractor's facility and will be scheduled by the Contracting Authority as and when required. DND's attendees at these meetings, as a minimum, will be the Requisitioning Authority and Technical Authority.

19.2 The Contractor will prepare a draft copy of the minutes for Contract Authority review and within fifteen (15) calendar days distribute written minutes of the Progress Meetings which shall constitute the official record of the progress of the Work. Signature blocks will be provided on the minutes for the Contracting Authority, Requisitioning Authority, Technical Authority and the Contractor which will be signed at the subsequent progress meeting or sooner by electronic means.

20. Accommodation and Travel

20.1 Contractor personnel may be required to travel to NDHQ, other DND establishments, other Contractor's plants or other locations within Canada or internationally, as may be designated by the Technical Authority. All travel will require prior written approval of the Requisition Authority. At such time the contractor personnel may be provided where practical, service transportation and, in a cost reimbursement basis, accommodation and messing equivalent to that of an officer in the Canadian Armed Forces. Travel shall be in accordance with Treasury Board Travel Policy. Any contractor representative shall be prepared to travel and work on one of HMC Ships, when requested by the Technical

Authority or delegated representative. Contractor representative shall accept DND rations and accommodation provided on board. Representative will normally proceed to the embarkation point by commercial transportation. The cost of commercial transportation and accommodation is reimbursable at cost against this activity in accordance with Treasury Board Travel Policy with no allowance for overhead or profit.

- 20.2 Employees of the Contractor, when undertaking the performance of their services at an establishment of the Department of National Defence will be accorded officer status.

21. SACC Manual Clauses

A1009C 2008-05-12 Work Site Access
B8041C 2008-05-12 Catalogue of Material on CD-ROM
B8044C 2007-05-25 Mobile Repair Parties
C2801C 2011-05-16 Priority Rating - Canadian-based Contractors
D2025C 2008-12-12 Wood Packaging Materials

TECHNICAL STATEMENT OF WORK FOR THE REPAIR AND OVERHAUL OF MISCELLANEOUS MARINE PUMPS

1 SCOPE

1.1 Definition

This Technical Statement of Work (TSOW) defines the requirements and scope of work necessary to accomplish the repair and/or overhaul (R&O) and support of a variety of pump assemblies or subassemblies used in various fluid systems aboard Department of National Defence (DND) ships.

1.2 Background

The Department of National Defence has a requirement to repair/overhaul and test various pumps, their prime movers and their components, on an as requested basis. Also included in this requirement, on an as requested basis, are performing modification, conducting Special Investigations and Technical Studies (SITS), supplying Field Service Representatives / Mobile Repair Parties (FSR/MRP) and providing Technical Investigation and Engineering Support (TIES) for the stated equipment and their applicable systems. The equipment, listed in four groups in Appendices 4 to 7 in this TSOW, are predominantly pumps used in fresh & salt water and fuel & lube oil systems, but also includes some pumps from pollution abatement and other systems.

1.3 Terminology

1.3.1 Acronyms applicable to Annex A:

SOW - Statement of Work
R&O - Repair and Overhaul
DND - Department of National Defence
SITS - Special Investigations and Technical Studies
FSR - Field Service Representatives
MRP - Mobile Repair Parties
TIES - Technical Investigation and Engineering Support
OEM - Original Equipment Manufacturer
VA - Vibration Analysis

1.3.2 Definitions applicable to Annex A

Major Overhaul: the Work to overhaul the equipment to 'as good as new' condition and performance. The Work includes: all labour and material required to perform pump repairs and overhauls including receipt, disassembly, visual, dimensional and non destructive inspections, mandatory part replacements, missing components replacement, cleaning,

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Dated: 01 March 2011

repair, rebuilding and reconditioning work resulting from inspections, reassembly, fitting, calibrating, testing, painting, preservation, preparation for delivery, packaging and shipping. This applies to all components of the equipment (major and minor). It also includes, when items are delivered to the contractor in reusable containers, the inspection of the container and all minor container repairs (such as: partial repainting, stenciling, patching of holes, recaulking of the seals and weather-stripping).

2 APPLICABLE DOCUMENTS

D-03-002-006/SG-000 - Repair/Overhaul and Post Repair/Overhaul Inspection and Test Procedures for Shipboard Electric Motors dated 2001-07-01 shall apply to the Work.

3 REQUIREMENTS

3.1 General

Contractors shall either possess or be capable of obtaining the R&O Specifications, the Technical Data, and the capabilities necessary to undertake and successfully complete all aspects of the R&O services described in this requirement. The use of subcontractors to perform part or all aspects of the R&O services described in this requirement is acceptable, however, relationship and division of the work must be clearly established.

3.2 Scope of Work

The different types of work to be performed under the resulting contracts are as follows:

- 3.2.1 In plant R&O of pumps units, pump ends, prime movers and their associated components;
- 3.2.2 Conduct and documentation of approved modifications as requested by the Technical Authority;
- 3.2.3 Performance and vibration testing of equipment after overhaul;
- 3.2.4 In plant reduction of equipment to spares;
- 3.2.5 Special investigations and technical services on failed components;
- 3.2.6 Technical investigations and engineering support as required by specific taskings;
- 3.2.7 Mobile repair parties and field service representatives; and
- 3.2.8 Drawings and documentation updates.

3.3 R&O Requirements

Unless specifically advised, the Contractor shall repair, overhaul and test all equipment delivered to his facility to obtain 'as good as new' condition and performance. Repairs and overhauls shall

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be made only to recognized OEM, military and marine standards, specifications, procedures and practices. Only procedures and methods resulting in permanent repairs are acceptable.

3.3.1 General

Complete assemblies or their major subassemblies will generally be supplied to the contractor (e.g. pump/motor assemblies or pump end or motor) for overhaul and performance testing. They will also be generally supplied without any shock mounts. Components or subassemblies of the pumps or their drives may also be supplied to the Contractor for repair on an as requested basis. The Contractor may receive equipment packed into shipping crate without any flexible mounts.

3.3.1.1 For the following Ingersoll Dresser Pumps, complete assemblies will generally be supplied to the contractor (e.g. pump-motor assemblies). These assemblies are defined by the "Standard Disconnect Point Specifications" that follows:

NSN	DESCRIPTION	SPECIFICATION
4320-21-904-1983	Main fire pump	C-27-876-000/TD/001
4320-21-907-5967	Diesel driven fire pump. (Pump end only)	C-27-877-000/TD-001
4320-21-904-1985	Auxiliary sea water circulating pump	C-27-880-000/TD-001
4320-21-904-1989	Jockey fire pump	C-27-931-000/TD-001
4320-21-904-1976	Fresh hot water circulating pump	C-27-878-000/TD-001
4320-21-904-1965	Fresh water service pump (complete with priming pump)	C-27-879-000/TD-001

The Technical Authority shall be informed before work is started on assemblies which do not conform to these Standard Disconnect Point Specifications should any be received. After overhaul, assemblies shall be returned to DND in conformance with the applicable Standard Disconnect Point Specification.

3.3.2 For each individual piece of equipment delivered to their facility for overhaul, the Contractors shall be responsible for all aspects of a major overhaul from receipt, to overhauling and testing, to return of the equipment.

3.3.3 The Contractor must supply and utilize only genuine OEM parts in all repairs.

3.3.4 Clearances/tolerances shall be returned to original "as new" condition

3.3.5 The Contractor shall overhaul all equipment to achieve the performance and vibration requirements outlined on the Equipment Performance Sheets in Appendices 4 through 7 in Annex A.

3.3.6 As part of the major overhaul for individual equipment, the Contractor shall install/replace any missing or damaged Vibration Analysis (VA) blocks prior to performance

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testing. The required number and location of VA blocks are shown on the Equipment Performance Sheets in Appendices 4 through 7 in Annex A. The Contractor shall follow the installation procedure provided at Appendix 2 of Annex A.

3.3.7 Assemblies or subassemblies, which are missing components and do not conform to the "Equipment Configuration Checklist" outlined on each Equipment Performance Sheet of Appendices 4 through 7 in Annex A, are to be identified prior to commencement of work. The identified "missing components" are to be exclusive of the VA blocks and of any parts requested to be replaced in the major overhaul. The Contractor shall supply all missing components if replacement parts are not available from DND. All equipments returned to DND after overhaul shall be in conformance with the applicable "Equipment Configuration Checklist" outlined on each Equipment Performance Sheet in Appendices 4 through 7 in Annex A.

3.3.8 Pump Overhaul:

Pumps shall be inspected, repaired and overhauled, and tested. Impeller type pumps shall be balanced. The following components shall be replaced as part of the major overhaul. Serial numbers for all replacement parts installed shall be tracked and provided to DND upon request.

- 3.3.8.1 Main pump shaft;
- 3.3.8.2 Main pump casing;
- 3.3.8.3 Pump/motor mounting bracket;
- 3.3.8.4 Pump rotors/housing;
- 3.3.8.5 Mechanical seal cartridge;
- 3.3.8.6 Steady bearing (where fitted);
- 3.3.8.7 Shaft sleeve (where fitted);
- 3.3.8.8 Casing wear rings (where fitted);
- 3.3.8.9 Impeller(s) and impeller wear ring(s) (where fitted);

3.3.8.9.1 Although the Major Overhaul includes the replacement of the impeller, the Contractor is authorized to re-install a good used impeller at their discretion, as long as the Contractor is in compliance with section 3.3.3. If so, the Contractor shall still continue to assume all risk for both achieving post-overhaul test requirements and for meeting contractual warranty requirements. Also, the Contractor shall provide a credit against the Firm Fixed Price for the Major Overhaul of the pump of 50% of the current market value of a new impeller.

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3.3.8.10 All sealing soft goods, i.e. gaskets, seals, 'o' rings, packing etc.;

3.3.8.11 All securing fasteners e.g. nuts, cap screws, flat and lock washers, etc. (studs shall be removed from castings unless damaged); and

3.3.8.12 The contractor shall replace the packing seals with mechanical seals on all Coffin Feed Pumps (4320-21-867-1152).

3.3.8.13 The preferred method of metal replacement/build-up is by either an approved High Velocity Oxy Fuel (HVOF) arc spray coating or preferably a High Pressure/High Velocity Oxy Fuel (HP/HVOF) arc spray coating. Though other methods of repair are acceptable, they must be a recognized procedure as previously stated; otherwise, approval must be obtained from the Technical Authority. Critical repaired areas shall be restored to "as good as new" condition and shall not suffer any performance or capability degradation/restrictions.

3.3.8.14 The contractor shall be paid a firm price per pump to apply a ceramic coating for the first time to a pump or to replace excessively corroded coatings thereafter. Any repair of coating (touch up) shall be reimbursed to the contractor on a time and material basis in accordance with the basis of payment of the contract up to a maximum of the cost of a new coating.

The contractor shall use a 3 phase ceramic coating:

Belzona product:

- 1) 9111 Supermetal
- 2) 1341 Supermetal Glide Blue
- 3) 1341 Supermetal Glide Grey

Use of any other equivalent substitute ceramic product must be beforehand approved by the Technical Authority in writing.

The contractor shall apply a ceramic coating to the following pumps:

Motor Driven Fire Pumps (4320-21-904-1983)

Motor Driven Jockey Fire Pumps (4320-21-904-1989)

Auxiliary Sea Water Circulating Pumps (4320-21-904-1985)

Diesel Driven Fire Pumps (4320-21-907-5967)

3.3.9 Electric Motor Overhaul

Motors shall be dimensionally inspected, overhauled and tested as specified in D-03-002-006/SG-000. Motor bearings shall always be replaced. Components to be inspected, tested, and overhauled as necessary include:

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3.3.9.1 Motor shaft and armature;

3.3.9.2 Stator windings; and

3.3.9.3 Motor Housing.

3.3.10 Steam Turbine Overhaul

Steam turbines shall be inspected, overhauled, balanced and tested. Normally, the following components shall be inspected and replaced as necessary replaced as part of the major overhaul price:

3.3.10.1 main turbine casing;

3.3.10.2 turbine rotating assembly;

3.3.10.3 turbine/gearbox/pump mounting brackets;

3.3.10.4 gearbox assembly;

3.3.10.5 steam and oil labyrinths;

3.3.10.6 journal and thrust bearings (where fitted);

3.3.10.7 shaft sleeves (where fitted);

3.3.10.8 all sealing soft goods i.e.gaskets, seals and packing, etc; and

3.3.10.9 all securing fasteners e.g.. nuts, studs, cap screws, flat and lock washers, etc.

3.3.11 Component Repair

All components shall be repaired to OEM “as new” tolerances and condition. Repairs shall be made only to recognized OEM, military and marine standards, specifications, procedures and practices. Only procedures and methods resulting in permanent repairs are acceptable.

3.3.12 Testing of Equipment

The Contractor shall test and record the performance and vibration levels of each pump unit, pump, electric motor or steam turbine on a suitable test loop. Performance points, performance test parameters and maximum acceptable vibration levels are provided in the Equipment Performance Sheets of Appendices 4 through 7 in Annex A.

3.3.13

Performance point readings shall be taken as close as possible to the operating point specified. Special test parameters specified for individual equipment as specified in the Equipment Performance Sheets of Appendices 4 through 7 in Annex A shall be achieved.

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3.3.14

Vibration readings shall be taken at various octave bands as required by Appendix 1 of Annex A. Except for stand alone electric motors, these tests and readings are in addition to those required by D-03-002-006/SG-000.

3.3.15

In addition to the vibration readings required in para. 3.3.15, noise and vibration readings shall be taken on designated HALIFAX Class equipment in accordance to the test procedures and specifications provided in Appendix 3 of Annex A. Equipment requiring these additional test are identified in their respective Equipment Performance Sheets provided in Appendices 4 through 7 in Annex A. The maximum noise and vibration limits that must be achieved on complete pump units are provided in attachments to Appendix 3 of Annex A.

3.3.16

The Contractor shall allow the Technical Authority or its representatives access to witness equipment testing.

3.3.17 Acceptance Criteria of Overhauled Equipment

Performance points, performance test parameters and maximum acceptable vibration levels are provided in Equipment Performance Sheets of Appendices 4 through 7 in Annex A.

3.3.18

The performance of the overhauled equipment shall be within +5% to -3% of the performance point specified for the particular equipment.

3.3.19

All vibration readings in all required directions shall not exceed the levels provided for the particular equipment. Acceptance levels for motors alone shall be as specified in D-03-002-006/SG-000. Maximum levels for stand alone pumps or turbines shall not exceed those provided for the relevant complete pump assembly.

3.3.20

HALIFAX Class equipment identified as requiring airborne noise and vibration testing in their respective Equipment Performance Sheets in Appendices 4 through 7 in Annex A shall not exceed the levels stated in Appendix 3 of Annex A. Data sheets as requested in Appendix 3 of Annex A shall be forwarded to the airborne noise and vibration Technical Authority to determine compliance or noncompliance prior to final acceptance.

3.3.21

Equipment which fails to meet these requirements shall be reworked and retested at the Contractor's expense.

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3.3.22 Documentation

For each piece of equipment repaired and overhauled, the Contractor shall produce and retain documentation as required below.

3.3.22.1 The contractor shall produce a "Final Test Report" consisting of the following:

- 3.3.22.1.1 Equipment name, serial number, and NSN;
- 3.3.22.1.2 Initial strip down condition including defects and observations;
- 3.3.22.1.3 Table of performance data versus achieved performance;
- 3.3.22.1.4 Test documentation requested in section 5.0 of Appendix 1 of Annex A, with VA readings presented in tabular form for each block in two directions as specified at Appendix 1 of Annex B;
- 3.3.22.1.5 Balancing certificate (if applicable);
- 3.3.22.1.6 Closing dimensional inspection;
- 3.3.22.1.7 Description of work done; and
- 3.3.22.1.8 List of all serial numbers of OEM parts used.

One copy is to be enclosed with the equipment, one is to be retained by the Contractor and one is to be forwarded to the Technical Authority.

3.3.22.2 The contractor shall retain the following information:

- 3.3.22.2.1 Receiving information and the initial strip report;
- 3.3.22.2.2 Motor inspection report;
- 3.3.22.2.3 Final test report (para 3.3.23.1 above);
- 3.3.22.2.4 Motor test results in accordance with D-03-002-006/SG-000;
- 3.3.22.2.5 Contractors and subcontractors/suppliers QC documentation; and
- 3.3.22.2.6 Shipping information.

The Technical Authority or his designated representative shall have access to this information on an as required basis.

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3.4 MRP/FSR/TIES

3.4.1 MRP

The Contractor shall provide Mobile Repair Parties to travel to a designated ship or base, either nationally or internationally, and conduct repair, overhaul or modification to equipment listed in Annex B. The use of qualified local international mobile repair capability is preferred over extensive travel of the Canadian representative.

3.4.2

The Contractor shall supply and convey all necessary OEM parts to complete the repairs unless otherwise specifically advised in writing by the Technical Authority.

3.4.3

The Contractor must be prepared to respond to urgent requirements. A response time of 48 hours is expected for emergency repairs to the equipment specified herein fitted in vessels located anywhere in the world.

3.4.4 FST/TIES

Specific tasking under the FSR/TIES element of this contract may include, but will not be limited to the following areas:

3.4.4.1 Technical investigation of equipment faults;

3.4.4.2 On-site inspection and related follow-up support (defect correction, modification or supervision of repairs);

3.4.4.3 Provide engineering recommendations and reports on equipment/system improvements and upgrades;

3.4.4.4 Assist in the review of technical documentation and provide recommendations for changes or improvements, including training and maintenance procedures;

3.4.4.5 Make amendments to technical documentation;

3.4.4.6 Provide training for DND personnel on the job or in the Canadian Forces Fleet Schools. Supply of course materials will be charged extra, at cost;

3.4.4.7 Assist in identification of spare parts and the maintenance of configuration control;

3.4.4.8 Inspect components held as spares in the Canadian Forces Supply System; and,

3.4.4.9 Other tasks as submitted by the Technical Authority directly relating to the fitted equipment.

3.4.5 Reports

Pre-Overhaul Inspection reports shall be submitted to the Technical Authority 2 weeks prior to commencing repairs (see template in Appendix 8 of Annex A). Upon completion of repair, reports shall be submitted to the Technical Authority within 2 weeks of completion of each tasking. Report shall consist of the work undertaken, recommendations and conclusions, drawings and any conversations or correspondence related to the task. For simple tasking, report may consist solely of a technical letter.

3.4.6 Security Clearance

Contractor personnel working onboard vessels will be assigned an escort.

3.4.7 Inspection

All services rendered shall be subject to inspection by the Technical Authority or his designated representative. The work and the premises where any work is being performed shall be accessible to the TA during normal working hours.

4 DELIVERABLES

- 4.1 Prior to beginning any repairs, the contractor shall assess the condition of the equipment and provide requested data to the technical Authority. This data must be provided at least 2 weeks before the repair is scheduled to take place. A template of the data requested per pump repair is provided in Appendix 8 of Annex A.
- 4.2 The Contractor shall submit data sheets as requested in Appendix 3 of Annex A for equipment identified as requiring airborne noise and vibration testing after overhaul. These data sheets shall be forwarded to the airborne noise and vibration Technical Authority.
- 4.3 The Contractor shall deliver one hard copy and one soft copy in Microsoft Word of the “final test report”, as defined in subsection 3.3.22.1, to the Technical Authority within 3 weeks of completing each equipment overhaul. The Contractor shall deliver one hard copy and one soft copy in Microsoft Word of the report for MRP or FSR or TIES tasking to the Technical Authority within 2 weeks of completion.
- 4.4 The contractor shall deliver quarterly report for all repairs. This report shall include as a minimum the following for each pump: NSN, pump name, job repair number, cost to repair, date received, date shipped back, revised turn around time with justification.

5 TASKING AUTHORITY

All tasks shall be authorized by the Technical Authority, through the Requisitioning Authority. Requests by other DND organizations shall only be accepted with the approval of the Requisitioning Authority.

LOGISTICS STATEMENT OF WORK for FREE FLOW for REPAIR and OVERHAUL (MS Word - 86k)

<p>LOGISTICS</p> <p><i>(Generic)</i></p> <p>STATEMENT OF WORK</p> <p>for</p> <p>FREE FLOW (Components)</p> <p>for</p> <p>Repair and Overhaul</p> <p><i>Issued on authority of the Assistant Deputy Minister (Material) (ADM(Mat))</i></p> <p>OPI: DMPP 4-4 2009-09-01</p> <p>Record of Changes</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2">Identification of Changes</th> <th rowspan="2">Date Entered</th> <th rowspan="2">Signature</th> </tr> <tr> <th>Ch. #</th> <th>Date</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Identification of Changes		Date Entered	Signature	Ch. #	Date													<div style="text-align: center; border: 1px solid black; padding: 5px; margin-bottom: 10px;">Table of Contents</div> <div style="text-align: center; border: 1px solid black; padding: 5px; margin-bottom: 10px;"> </div> <div style="text-align: center; border: 1px solid black; padding: 5px; margin-bottom: 10px;"> </div> <ul style="list-style-type: none"> 1.0 <u>GENERAL</u> 1.1 <u>AIM</u> 1.2 <u>EXTENT OF WORK</u> 1.3 <u>COMPLETION OF WORK</u> 2.0 <u>ADMINISTRATION</u> 2.1 <u>RECEIPT</u> 2.2 <u>DISCREPANCIES IN SHIPMENTS</u> 2.3 <u>WORK CONTROL</u> 2.4 <u>COST CONTROL</u> 2.5 <u>COSTING RECORDS</u> 2.6 <u>PUBLICATIONS</u> 2.7 <u>OFFICE SERVICE</u> 2.8 <u>OFFICES OF MEETINGS</u> 2.9 <u>PLANT SHUTDOWN/ VACATION PERIOD</u> 2.10 <u>STOP REPAIR ACTION</u> 3.0 <u>MAINTENANCE SUPPORT</u> 3.1 <u>MINOR REPAIRS</u> 3.2 <u>MOBILE REPAIR PARTIES (MPPs)</u> 3.3 <u>EQUIPMENT TURN AROUND TIME (TAT)</u> 3.4 <u>PRIORITY REPAIR REQUEST (PRR)</u> 3.5 <u>SPECIAL INVESTIGATION AND TECHNICAL STUDIES (SITs)</u> 4.0 <u>SUPPLY SUPPORT</u> 4.1 <u>CONTRACTOR SUPPLY ACCOUNTING</u> 4.2 <u>TRANSACTION DOCUMENTATION</u> 4.3 <u>PRESERVATION AND PACKAGING FAILURE</u> 4.4 <u>REUSABLE CONTAINERS</u> 4.5 <u>STOCKTAKING</u> 4.6 <u>MANAGEMENT OF DND-OWNED SPARES</u> 4.7 <u>EMBODIMENT FEES</u> 4.8 <u>SPARES REVIEW</u> 4.9 <u>LOSS OR DAMAGE TO DND MATERIEL</u> 4.10 <u>SCRAP - CUSTODY and DISPOSAL</u> 4.11 <u>TRANSPORTATION</u> 4.12 <u>CUSTOMS & EXCISE</u> 4.13 <u>SELECTION NOTICE OBSERVATION MESSAGE (SNOM)</u> 5.0 <u>REPORTS</u> 5.1 <u>MRP PROGRESS REPORTS</u> 5.2 <u>TECHNICAL INVESTIGATION (TIES) REPORTS</u> 5.3 <u>ACCIDENT/INCIDENT REPORTS</u> 5.4 <u>R&O CONTRACTOR EFFECTIVENESS REPORT</u> 6.0 <u>MISCELLANEOUS</u> 6.1 <u>WARRANTY CONSIDERATION</u> 6.2 <u>CONTRACTOR USE OF DND EQUIPMENT/PUBLICATIONS</u> 6.3 <u>SPECIAL YEAR-END MATERIEL REPORT</u>
Identification of Changes		Date Entered			Signature														
Ch. #	Date																		

FOREWORD

This Statement of Work (SOW) is distributed on the authority of the Assistant Deputy Minister (Material) (ADM(Mat)). It will be distributed, as required, internally to ADM (Mat) staff engaged in raising Repair and Overhaul (R&O) Instrument (PI).

This SOW contains generic attachments for use by Procurement Authorities (PA), to raise a specific SOW in support of contracts engaged in the R&O of materiel on behalf of the Department of National Defence (DND).

The generic SOW is effective upon receipt. Suggestions for changes must be forwarded through normal channels to DMPP 4-4.

1.0 GENERAL

1.1 AIM

The Contractor shall repair and/or overhaul only those items for which he has received authorization in accordance with the Selection Notice and Priority Summary (SNAPS) for Repairable Materiel Account (RMA) code(s) _____ and/or an approved Repairable Materiel Request (RMR). The Contractor shall conform to such supply procedures as are advised in this SOW related to the management of DND equipment and stores in his possession. DND reserves the right to exercise surveillance over all aspects of the Contractor's supply operation. Repair and/or Overhaul priorities will be maintained as advised in the SNAPS. Repair priority for RMRs shall be "Routine" unless otherwise stipulated.

1.2 EXTENT OF WORK

The complete overhaul of all arisings (except life items that are time expired) is not permitted under the terms of this Statement of Work. The intent is that repair work will be done and overhaul resorted to only where such is economically and technically justifiable; or where required by technical specifications. The following definitions will apply:

- a. **Repair:** The identification and correction of those specific defects which degrade the performance of an item causing it to function below the specifications;
- b. **Overhaul:** The restoration of an item to its original condition/near life expectancy. It includes the replacement of worn, damaged or life expired parts;

the incorporation of approved modifications; and the rework of components as necessary;

- c. **Inter-changeability:** Following repair, the item must remain fully interchangeable (form, fit and function) with articles catalogued under the same reference number, part number and of the same modification status. This concept of inter-changeability must be extended to include internal characteristics such as wave forms and components layout in order to ensure full compatibility with automatic test equipment software and automatic probing.

1.3 COMPLETION OF WORK

1.3.1 On completion of Repair and/or Overhaul, the Contractor shall prepare and transmit a stock holding code (SC) change notification in accordance with PART 2 of A-LM-184-001/JS-001.

1.3.2 The following "Contractor Certification" shall be stamped on the CFSS Supply Document and signed prior to the Contractor transmitting the SC Change Notification

Contractor Certification

I certify that the item(s) listed above have been inspected, tested and conform to all specifications and requirements detailed in the contract or purchase order.

Signature

Date

(Contractor QC)

2.0 ADMINISTRATION

2.1 RECEIPT

2.1.1 Upon receipt of DND equipment, the Contractor shall:

- a. identify the equipment and ensure authority to repair (SNAPS, RMRs);
- b. Open a work order;
- c. carry out a physical check to ensure that the item is complete and is in accordance with the accompanying vouchers;
- d. complete receipt documentation, including any adjustment transactions, work order number; and

e. action warranty materiel.

NOTE: Work order shall be raised within 48 hours of delivery to plant

2.1.2 If the Contractor is missing any information or documentation, he shall request it through the National Defence Quality Assurance Representative (NDQAR).

2.1.3 For those items where the basis of payment is other than firm fixed price, and based upon available information and/or inspection of the item, the Contractor shall determine the extent of work required, prepare a cost estimate, and if cost to repair is below the maximum repair cost (MRC), proceed with the repair. Whenever cost to repair threatens to exceed the MRC, the Contractor shall request authority in writing to proceed with the repair in accordance with PART 2 of A-LM-184-001/JS-001.

2.1.4 Where it is impossible to determine the cost to repair, the Contractor may be granted authority by the PA to strip the equipment so as to assess its repair and/or overhaul potential and to estimate the costs. Unless otherwise specified, and regardless of the value of the equipment, the cost of the work involved in estimating repair is chargeable to the item whether or not it is subsequently repaired.

2.2 DISCREPANCIES IN SHIPMENTS

2.2.1 If upon initial inspection, the Contractor identifies equipment as having same form, fit and function as other equipment but as being mis-identified. A discrepancy in shipment can consist of any of the following:

- a. In-condition
- b. Surplus
- c. Shortage

2.2.2 The Contractor shall action discrepancies in shipments in accordance with PART 3 of A-LM-184-001/JS-001.

2.3 WORK CONTROL

2.3.1 The Contractor shall ensure that the repair of all DND equipment is controlled by a serial numbered work order in accordance with PART 2 of A-LM-184-001/JS-001. Upon completion of work, the work order shall include as a minimum the following:

- a contract serial number against which all costs incurred are chargeable;
- the Nato Stock Number (NSN) and/or Part Number (PN), description, quantity and serial number, if any, of item repaired;

- a cross reference to all Supply Documents. This includes receipt, issues and returns, including scrap activity, finalization of repair, inspection, and final acceptance;
- reference to the applicable technical data;
- details of the work performed;
- a list of all the parts, by part number and description, found unserviceable and requiring repair and/or overhaul, ensuring that the repair scheme is referenced
- a list of parts required, identifying the stores from which issued (eg, CIS, GFOS, AAS or CFM);
- repair cost estimate; and
- the identity of the person opening the work order.

2.3.2 The Contractor shall provide to the NDQAR, and as necessary amend, a list of Contractor personnel authorized to open work orders.

2.4 COST CONTROL

2.4.1 The Contractor shall monitor the cost of each repair to ensure that total repair costs remain within approved limits. Appropriate management control procedures must be in place and records maintained. These control procedures and records shall be available for review and/or audit on request.

2.4.2 The Contractor shall submit with each request for payment Annexes A or B to the Procurement Authority for repairables covered under this contract.

- NOTES:**
- Annex A is applicable when the method of payment calls up invoices and annex B for progress claims.
 - Annexes A and B are provided as sample and Contractors are allowed to develop and submit their own reporting system as long as the fields identified are covered in the proposed method.

2.5 COSTING RECORDS

2.5.1 The Contractor shall prepare forms and maintain records which will provide:

- a. a cost listing, by serial number if applicable, of each item or job lot going through the repair line;
- b. a detail of the extent of work carried out, in-process inspections completed and materiel embodied at any stage of the repair process;
- c. the average cost of repair and/or overhaul, by NSN; and
- d. the total repair cost for an item (NSN), by work order.

NOTE: This data shall be provided as requested by the Procurement

Authority and/or NDQAR.

2.6 PUBLICATIONS

2.6.1 General procedures with respect to management of publications are contained in PART 11 of A-LM-184-001/JS-001. The Contractor shall document requirements for publications and submit to the NDQAR. The Contractor shall develop procedures to control all DND publications in their possession and be responsible for amending all DND publications in his custody. The Record of amendments shall be maintained as indicated in the applicable area of each publication.

2.6.2 Unless otherwise specified, publications may be copied and/or extracts taken from them. As these copies/extracts are not subject to follow-up amendment action, they are not valid for use as a reference document and shall be stamped "FOR INFORMATION ONLY". Contractors shall ensure that any classified documents are provided with the appropriate security, consistent with the provisions of A-SJ-100-001/AS-000.

2.6.3 The Contractor shall respond to any request for "verification of publication holdings" which may be requested periodically by DND.

2.7 OFFICE SERVICE

2.7.1 The Contractor shall perform the secretarial and clerical work necessary to carry out the terms of this contract with respect to the preparation, filing and transmission of all forms, reports and correspondence, relating to the movement, accounting, storage, repair, overhaul, quality control and investigation of materiel covered by this contract. The provision of these office services shall be deemed to be work as defined in PWGSC clause (1) of 2035 General Conditions – Higher Complexity – Services.

2.8 MINUTES OF MEETINGS

2.8.1 When minutes of meetings are required, the Contractor shall be responsible for taking them and preparing them in a format approved by the Procurement Authority. The Contractor shall submit the minutes to Public Works and Government Services Canada (PWGSC) or the Procurement Authority as directed at the meeting, within ten (10) working days following the meeting.

2.9 PLANT SHUTDOWN/VACATION PERIOD

2.9.1 During plant shutdown and/or vacation periods, the Contractor shall ensure that adequate facilities/personnel are available to ensure the satisfaction of High Priority Requirements (HPRs). If contractor personnel are not on site during shutdown, a list of names and home phone numbers of those Contractor personnel to be contacted during

plant closure shall be provided to the NDQAR. It is the Contractor's responsibility to ensure that personnel is available to satisfy PRR requirements once identified.

2.10 STOP REPAIR ACTION

2.10.1 The Contractor shall comply immediately with all stop repair instructions. Detailed procedures are contained in PART 2 of A-LM-184-001/JS-001.

3.0 MAINTENANCE SUPPORT

3.1 MINOR REPAIRS

3.1.1 If DND supplied parts are urgently required to effect delivery of Free Flow (components) and are not immediately available from DND, then minor repair may be carried out to the unserviceable part by the prime Contractor, as approved by the PA who will advise NDQAR accordingly. In no event shall the individual job exceed \$ (to be completed by the Procurement Authority).

3.2 MOBILE REPAIR PARTIES (MRPs)

3.2.1 The Contractor shall provide an MRP, when authorized by the Procurement Authority, in accordance with CFTO C-02-005-011/AM-000.

3.3 EQUIPMENT TURN AROUND TIME (TAT)

3.3.1 Unless specifically identified within the contract, equipment Turn Around Time (TAT) to a serviceable state shall be achieved in 90 Calendar days. TAT is defined as that period of time from "date of receipt to date item is reported serviceable". Repair priority is governed by the SNAPS. The principle of "first-in / first-out" (FIFO), shall be observed whenever possible.

3.4 PRIORITY REPAIR REQUEST (PRR)

3.4.1 The Contractor shall be prepared to satisfy PRRs in an expeditious manner. If the Required Delivery Date (RDD) cannot be met, the Contractor shall advise the originator and the consignee for a more realistic Estimated Delivery Date (EDD). This EDD shall be amended as required until the PRR is satisfied.

3.5 SPECIAL INVESTIGATION AND TECHNICAL STUDIES (SITs)

3.5.1 When authorized by the Procurement Authority, the Contractor shall undertake special investigation and technical studies and shall provide relevant data to these investigations as and when required. The scope of work normally covered under special investigation and technical studies is to cater for equipment not meeting specification standards or due to repetitive failures. This excludes studies and/or investigations which have or will have fleet fitment application.

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4.0 SUPPLY SUPPORT

4.1 CONTRACTOR SUPPLY ACCOUNTING

4.1.1 Materiel held on Contractor Repair Parts Account (CRPA), Repair Shop Account (RSA) and Repairable Materiel Account (RMA) shall be accounted for as per the Canadian Forces Supply System (CFSS) automated procedures in accordance with A-LM-184-001/JS-001. Government Furnished Overhaul Spares (GFOS) and Accountable Advanced Spares (AAS) will be accounted for in either a manual or an automated system. Regardless of the system used, the Contractor shall maintain an audit trail acceptable to DND. Further, any automated or manual materiel accounting system shall first be approved by the PA. Supply accounting records for DND materiel shall be maintained separate from other company records.

4.2 TRANSACTION DOCUMENTATION

4.2.1 The Contractor's Document Control Group (DCG) facilities will file and retain the following auditable transaction documentations by applicable account (RMA or RSA) warehouse either by Stock Code or by Requisition Number, in accordance with Part 3 of A-LM-184-001/JS-001:

a. Stock Code sequence followed by requisition number; or

b. Requisition number.

REPORTS : Two Months History of Transaction History SERPT150 is available on the CFSS MIMS and can be verified using MSO178/MSM178A action code ``T`` AND MSM119A, action code ``H``.

4.3 PRESERVATION AND PACKAGING FAILURE

4.3.1 Equipment damaged due to preservation and packaging failures in shipments shall be reported to the NDQAR using form CF 777, Unsatisfactory Condition Report(UCR), supported by photographs in accordance with CFTO C-02-015-001/AG-000.

4.4 REUSABLE CONTAINERS

4.4.1 Surplus reusable containers shall be brought on charge (BOC) to the CRPA, in accordance with PART 3 of A-LM-184-001/JS-001.

4.4.2 The Contractor shall inspect, repair and/or repaint reusable metal or wooden containers. If a requirement to repair, replace or provide a reusable container or other packaging materiel has been identified, it will become a charge against the R&O contract at a negotiated rate shown in the "basis of payment" and on the repair work order.

4.5 STOCKTAKING

4.5.1 The Contractor shall initiate and complete a one hundred per cent (100%) manual stocktaking of RMA, RSA, CRPA(CIS), GFOS and AAS as a minimum once every two years in accordance with PART 6 of A-LM-184-001/JS-001.

NOTE: PENDING THE PROMULGATION OF A REVISION TO PART 6 OF ALM184 TO COVER CHANGES TO THE STOCKTAKING REQUIREMENT, ATTACHED AS AN ADDENDUM TO THIS LOG SOW IS THE NEW DRAFT STOCKTAKING SECTION TO BE APPLIED IMMEDIATELY TO THE REPAIR AND OVERHAUL CONTRACT REQUIREMENTS.

4.6 MANAGEMENT OF DND-OWNED SPARES

4.6.1 The Contractor is responsible for determining the requirement for spares, obtaining the spares, maintaining custody of the spares, accounting for the spares in an approved manner for use on the R&O repair line and for the disposal (when so directed) of the spares in accordance with A-LM-184-001/JS-001.

4.6.2 Spares shall be used in the following order:

- Government Furnished Overhaul Spares (GFOS);
- Contract Issue Spares (CIS);
- Accountable Advance Spares (AAS); and
- Contractor Furnished Materiel (CFM).

4.7 EMBODIMENT FEES

4.7.1 On normal transfer or issue of items (spares) between AAS, CIS or GFOS accounts, any embodiment fees shall only be paid once and only upon actual embodiment. Supply accounting records for DND materiel shall be maintained separate from other company records.

4.7.2 On bulk transfer/disposal of items in CIS, GFOS or AAS accounts, embodiment fees, if applicable, are subject to a separate PWGSC negotiated rate.

4.8 SPARES REVIEW

4.8.1 In conjunction with the stocktaking schedule, the Contractor shall carry out a review of CIS to determine if holdings of any particular item:

- exceed the economic stock retention level. The level is normally equal to an estimated four (4) months stock;
- have become surplus to requirements as a result of a modification, disposal, obsolescent or transfer of the major equipment; and/or
- are no longer fit for use in the R&O of DND equipment.

4.8.2 In conjunction with the stocktaking schedule, the Contractor shall carry out a review of GFOS to determine if stock holdings include any item which:

- has become surplus to requirement as a result of removal of the end item from the Selection Notice and Priority Summary (SNAPS);
- has become redundant because of a modification change notice, product improvement, etc...;
- is a catalogued item which should have been transferred to CIS.

4.8.3 The Contractor shall dispose of and/or transfer spares which meet the criteria above and shall prepare and handle the necessary documentation associated with the disposal function in accordance with PART 7 of A-LM-184-001/JS-001.

4.9 LOSS OR DAMAGE TO DND MATERIEL

4.9.1 The Contractor shall report to the NDQAR all instances of loss or damage to DND owned materiel in his custody within two (2) working days of confirmation of its discovery.

4.9.2 The Contractor may be authorized to make repairs to DND-owned equipment on loan. All requests shall be forwarded to the Procurement Authority for approval. If the Contractor is authorized to repair damaged DND materiel, he shall notify the NDQAR before any repair commences to enable adequate quality assurance of the repair.

4.9.3 Loss or damage of materiel in transit shall be actioned in accordance with PART 8 of A-LM-184-001/JS-001.

4.10 SCRAP - CUSTODY and DISPOSAL

4.10.1 The Contractor shall safeguard, control, and dispose of the scrap materiel in accordance with PART 7 of A-LM-184-001/JS-001.

4.11 TRANSPORTATION

4.11.1 The Contractor shall be responsible to action all transportation requirements in accordance with PART 8 of A-LM-184-001/JS-001.

4.12 CUSTOMS & EXCISE

4.12.1 DND is responsible for clearing Customs of all DND materiel consigned to R&O Contractors. If a Contractor sub-contracts to an out of country location, the Contractor is responsible for the preparation of all the necessary customs documentations. Customs Brokers shall not be utilized unless specifically authorized by the Procurement Authority.

4.13 SELECTION NOTICE OBSERVATION MESSAGE (SNOM)

4.13.1 Contractors wishing to make observations on information contained in the SNAPS, including Maximum Repair Cost (MRC), shall do so by submitting their observations using the Selection Notice Observation Message (SNOM) in accordance with PART 2 of A-LM-184-001/JS-001.

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5.0 REPORTS

5.1 MRP PROGRESS REPORTS

5.1.1 The Contractor shall submit one (1) copy of the monthly progress report covering Mobile Repair Party (MRP) activities in accordance with PWGSC Form (7139) to the Procurement Authority, and one (1) copy to the supporting NDQAR.

5.2 TECHNICAL INVESTIGATION AND ENGINEERING STUDIES (TIES) REPORTS

5.2.1 Technical Investigations and Engineering Studies may only be authorized by the Procurement Authority. The Contractor shall complete a Technical Investigation Report as stipulated under a DND 626 on an as required basis when so directed.

5.3 ACCIDENT/INCIDENT REPORTS

5.3.1 The Contractor shall submit accident/incident reports in accordance with para 12, PART 15 of CFTO A-GA-135-001/AA-001, through the supporting NDQAR.

5.4 R&O CONTRACTOR EFFECTIVENESS REPORT

5.4.1 The R&O Effectiveness Report is described in PART 2 of A-LM-184-001/JS-001. The Procurement Authority will monitor Contractor's Turn Around Time using the R&O Effectiveness Report.

6.0 MISCELLANEOUS

6.1 WARRANTY CONSIDERATION

6.1.1 Materiel which has been returned for warranty consideration will be actioned in accordance with PART 10 of A-LM-184-001/JS-001.

6.2 CONTRACTOR USE OF DND EQUIPMENT/PUBLICATIONS

6.2.1 The Contractor shall not use DND publications, tools, test-equipment, or jigs and fixtures for commercial work without the written consent of DND. In instances where DND has provided such consent, PWGSC will negotiate suitable compensation for DND. All requests shall be directed to the Procurement Authority through PWGSC.

6.3 SPECIAL YEAR-END MATERIEL REPORT

6.3.1 The contractor will be required to report annually to the PA on the value of all Accountable Advance Spares (AAS) and Government Furnished Overhaul Spares (GFOS) inventory held on March 31. Annex A provides details on how to report this inventory, and Annex B is a sample copy of the report proforma.

Annex A Contractor-Held Inventory Reporting Requirements

The instructions to complete the Contractor-Held Inventory Reporting templates are as follows:

Part A

"DND Owned Inventory Holdings held by Contractors as at 31 Mar 20XX".

Notes

1. A separate Inventory Holdings report is required for Consumable Inventory and Repairable Inventory. If your inventory cannot be reported or separated on the basis of consumable versus repairable, please state what the majority of the inventory would be classified as repairable or consumable based on the definitions below.
2. Loaned equipment from DND must be authorized through a DND-authorized loan agreement. Reporting shall be as per the conditions of the loan agreement.
3. Whole Capital assets are not to be reported to DND. Whole Capital Assets are equipment that has been purchased by DND for the contractor that are not inventory, such as vehicles, test equipment, etc.
4. The reports provided by the company inventory system are acceptable for reporting purposes to DND, as long as they contain the essential information requested in the template provided.
5. Provide any alternate part number or manufacture part number in addition to the part number listed above. Provide the class also, if available, as well as any additional field information you have that may help to classify the data.
6. Provide the inventory report in electronic format, MS Excel being the preferred software, if available.

Definitions:

Government Furnished Overhaul Spares (GFOS) – Non-catalogued inventory spares which are not purchased by the contractor but arise from: AA spares transferred from another contractor; DND procurement with the US government; spares salvaged from DND equipment; or de-catalogued CIS spares which are for 3rd line use only. GFOS spares are not recorded in the Canadian Forces Supply System (CFSS).

Accountable Advance Spares (AAS) – Non-catalogued inventory spares which the contractor has been authorized by DND to purchase using DND funds, on an exceptional basis. The CFSS does not track AAS.

Bonded Stock – Inventory spares which the Out of Country contractor has been authorized by DND to purchase using DND funds, on an exceptional basis. The CFSS does not track bonded stock.

Repairable Inventory – An item of supply designated as capable of being repaired.

Consumable Inventory – An item of supply that is not repairable.

Part B

"Repairable Template Input/Output Repairable Inventory Report for the Year Ending 31 March 20XX" and "Consumable Template Input/Output Consumable Inventory Report for the Year Ending 31 March 20XX":

Notes:

1. The closing inventory as at 31 Mar 20XX must be equal to the itemized listings provided in the consumable and repairable reports of 'DND Owned Inventory Holdings as at 31 Mar 20XX.'
2. A separate Input/Output Inventory Report is required for Consumable Inventory and Repairable Inventory.
3. It is preferable to provide the data in a part number level format detailing the equipment platform supported, but the summary level report as outlined in the template is acceptable.
4. Report in one currency only and specify the currency if it is not Canadian.

Part C

"Additional Information Requested for Year-End Reporting"

The following information is requested:

- Description of the activities performed under the Repair and Overhaul (R&O) contract(s) supported by the inventory holdings if not supplied on the Part A spreadsheet (such as R&O on Hercules engines);
- How often stocktaking is performed on the contractor holdings of DND owned inventory;
- Date of last stocktaking;
- The accounting method used by the contractor to value the inventory reported first-in-first-out (FIFO), last-in-first-out (LIFO), historical cost or moving weighted average;
- Is this a sub-contractor to another company? If so, who?
- DND and contractor point of contact for the inventory report as at 31 Mar 20XX

PART B

**REPAIRABLE TEMPLATE
INPUT / OUTPUT REPAIRABLE INVENTORY REPORT
FOR THE YEAR ENDING 31 MARCH 20XX**

Opening Inventory as at 1 April 20XX:	<input type="text"/>
Plus: Cost of Goods Purchased or Acquired:	<input type="text"/>
Minus: Consumption / Removals:	<input type="text"/>
Closing Inventory as at 31 March 20XX:	<input type="text" value="\$ -"/>

NOTES

Note 1: The closing inventory as at 31 March 20XX must be equal to the itemized listing of repairable items provided through Part A, DND Owned Inventory Holdings Held by Contractors as at 31 March 20XX.

Note 2: A separate Input / Output Inventory Report is required for Consumable Inventory and Repairable Inventory.

Note 3: Report in one currency only and specify the currency if it is not Canadian.

PART B

**CONSUMABLE TEMPLATE
INPUT / OUTPUT CONSUMABLE INVENTORY REPORT
FOR THE YEAR ENDING 31 MARCH 20XX**

Opening Inventory as at 1 April 20XX:	<input type="text"/>
Plus: Cost of Goods Purchased or Acquired:	<input type="text"/>
Minus: Consumption / Removals:	<input type="text"/>
Closing Inventory as at 31 March 20XX:	<input type="text" value="\$ -"/>

NOTES

Note 1: The closing inventory as at 31 March 20XX must be equal to the itemized listing of consumable items provided through Part A, DND Owned Inventory Holdings Held by Contractors as at 31 March 20XX.

Note 2: A separate Input / Output Inventory Report is required for Consumable Inventory and Repairable Inventory.

Note 3: Report in one currency only and specify the currency if it is not Canadian.

PART C

ADDITIONAL INFORMATION REQUESTED FOR YEAR END REPORTING

Description of the activities performed under the Repair & Overhaul (R&O) contract(s) supported by the inventory holdings if not supplied on the Part A spreadsheet (i.e. R&O on Hercules engines).	
How often is a stocktaking performed on the contractor holdings of DND owned inventory?	
What is the date of last stocktaking?	
What accounting method is used by the contractor to value the inventory reported (FIFO, LIFO, historical cost or moving weighted average)?	
Is this a sub-contractor to another company? If so, who?	
DND and Contractor points of contact for the inventory report as at 31 March 20XX.	

NOTES

Note 1: Inventory reports may be subject to audit by the Office of the Auditor General (OAG).

1. To download, right click on the applicable hyperlink shown below.
2. Select "Save Target As" from the menu.
3. Specify where you want to save the file to on your PC.
4. Save file to your computer.

LOGISTICS STATEMENT OF WORK for ACCOUNTABLE ADVANCE SPARES/BONDED INVENTORY for REPAIR and OVERHAUL (MS Word - 49k)

ANNEX A - ACCOUNTABLE ADVANCE INVENTORY REPORT (MS Word - 63k)

<p>LOGISTICS <i>(Generic)</i></p> <p>STATEMENT OF WORK</p> <p>for</p> <p>ACCOUNTABLE ADVANCE SPARES/BONDED INVENTORY</p> <p>for</p> <p>REPAIR and OVERHAUL</p> <p><i>Issued on authority of the Assistant Deputy Minister (Material) (ADM(Mat))</i></p> <p>OPI: DMPP 2009-09-02</p> <p>Record of Changes</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2">Identification of Changes</th> <th rowspan="2">Date Entered</th> <th rowspan="2">Signature</th> </tr> <tr> <th>Ch. #</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Identification of Changes		Date Entered	Signature	Ch. #	Date													<p>Table of Contents</p> <p>1.0 GENERAL</p> <p>1.1 AIM</p> <p>1.2 EXTENT OF WORK</p> <p>2.0 ADMINISTRATION</p> <p>2.1 OFFICE SERVICES (Applies when not accompanied with a free flow SOW or Major Equipment SOW)</p> <p>2.2 INVOICES/CLAIMS FOR PAYMENTS</p> <p>3.0 SUPPLY SUPPORT</p> <p>3.1 CONTRACTOR SUPPLY ACCOUNTING</p> <p>3.2 STOCKTAKING</p> <p>3.3 MANAGEMENT OF DND-OWNED SPARES</p> <p>3.4 EMBODIMENT FEES</p> <p>3.5 SPARES REVIEW</p> <p>3.6 IMPORTATION OF AAS/PRIORITY RATING</p> <p>ANNEX A - ACCOUNTABLE ADVANCE INVENTORY REPORT</p> <p>ANNEX B - ACCOUNTABLE ADVANCE CASH FLOW AND RECONCILIATION</p> <p>APPENDIX 1, ANNEX B - ACCOUNTABLE ADVANCE CASH FLOW AND RECONCILIATION GUIDE</p>
Identification of Changes		Date Entered			Signature														
Ch. #	Date																		

FOREWORD

Version 5
Dated: 11 Jan 10

This Statement of Work (SOW) is distributed on the authority of ADM(Mat). It will be distributed as required, internally to ADM(Mat) Staff engaged in raising Repair and Overhaul (R&O) Procurement Instrument (PI).

This SOW contains generic statements for use by Procurement Authority (PA), to raise a specific SOW in support of contracts engaged in the R&O of materiel on behalf of the Department of National Defence (DND).

This generic SOW is effective upon receipt. Suggestions for changes must be forwarded through normal channels to DMPP 4-4.

1.0 GENERAL

1.1 AIM

1.1.1 This Statement of Work governs the conditions under which the Department of National Defence (DND) may provide the Contractor with an Accountable Advance Spares (AAS)/Bonded Inventory (BI) contract with which to purchase spares. The term AAS and (BI) are to be considered the same and interchangeable. If the spare parts are purchased for in-country R and O contracts, the term AAS will apply; or for out-of-country, the term BI will apply. For the purpose of this SOW, these spare parts will be defined as follows:

"Non-catalogued DND items (not in the Canadian Government Catalogue of Material (CGCM)), and not catalogued in the Contractor's commercial inventory, high dollar value, long-lead time and specific to DND equipment. Long-lead-time items are those items with an After Receipt of Order (ARO) of over twelve (12) months."

1.1.2 The purpose of these AA spares is to ensure that the repair of DND materiel is not jeopardized by a lack of spare parts. Part 5 of A-LM-184-001/JS-001 contains the supply procedures to be used for AAS.

1.2 EXTENT OF WORK

1.2.1 The Contractor shall procure spare parts for use in the repair and/or overhaul of only those items for which he has received repair authorization and in accordance with the definition outlined at paragraph one (1) above. The Contractor shall conform to such supply procedures as are advised in this SOW related to the management of DND equipment and stores in his possession.

1.2.2 The Contractor is responsible for determining the requirement for AA spare parts, securing written approval from the PA to procure the parts, procuring and obtaining the spare parts, maintaining custody of the spare parts, accounting for the spare parts, issuing of the spare parts for use on the R&O repair line and for the disposal (when so directed) of the spare parts in accordance with Part 5 of A-LM-184-001/JS-001.

1.2.3 The Contractor shall order AA spare parts only during the period covered by this contract. The Contractor shall be responsible for establishing provisioning of AA spare parts based on, but not limited to:

- a. repair forecasts;
- b. estimated and actual consumption;
- c. the manufacturer's list of recommended spares;
- d. the supplier's lead time; and
- e. economic order quantities.

NOTE: DND will not pay costs nor embodiment fees for AA spare parts which are obsolete or surplus as a result of inadequate contractor materiel management (i.e., AAS purchased in excess of requirements, AAS purchased which do not meet the limitations of this contract, etc.)

2.0 ADMINISTRATION

2.1 OFFICE SERVICES (Applies when not accompanied with a Free flow SOW or Major Equipment SOW)

2.1.1 The Contractor shall perform the secretarial and clerical work necessary to carry out the terms of this contract with respect to the preparation, filing and transmission of all forms, reports and correspondence, relating to the movement, accounting, storage, repair, overhaul, quality control and investigation of materiel covered by this contract. The provision of this clause shall be deemed to be work as defined in PWGSC Clause 01 of 2035 General Conditions – Higher Complexity – Services

2.2 INVOICES / CLAIMS FOR PAYMENTS

2.2.1 The Contractor shall submit monthly invoices for AA spare parts, but only after receipt and acceptance of the materiel. For purchased AA spare parts, the invoice/claim must be supported by supplier's invoices. For manufactured AA spare parts, invoices shall reflect the item price in accordance with the contract. In support of invoices, the Contractor shall provide the following information:

- a. The total value of AA spare parts inventory as last reported, held in support of the Repair and Overhaul work for which this contract was issued (opening inventory);
- b. The total value of AA spare parts received into inventory during the previous month (receipts), supported by actual invoices;
- c. The total value of AA spare parts removed from inventory for embodiment or transfer during the previous month (issues);

- d. The total value of inventory remaining at month end (closing inventory - book value);
- e. The total value of outstanding AA spare parts commitments (open purchase orders) against this contract; and
- f. The balance of uncommitted funds remaining in the contract.

2.2.2 Upon expiration of contract, the Contractor shall provide a listing of outstanding purchase orders to the PA with a copy to the NDQAR. Only those purchase orders listed will be accepted for payment. This list of outstanding purchase orders is to identify the supplier, cost and estimated delivery date. The Contractor shall deliver the listing to the Procurement Authority within 30 days of contract expiry.

2.2.3 The Accountable Advance Inventory Report, (PWGSC 1118), Annex A and the Accountable Advance Cash Flow and Reconciliation Form attached at Annex B (to be reproduced locally), are to be completed and submitted to the Procurement Authority covering the following quarters:

- a. 1 Apr - 30 Jun;
- b. 1 Jul - 30 Sep;
- c. 1 Oct - 31 Dec; and
- d. 1 Jan - 31 Mar.

NOTE: The Contractor shall ensure that these reports are received by the Procurement Authority no later than ten (10) days after the end of each respective quarter.

2.2.4 In the event that the responsibility of repairing and overhauling equipment has been transferred to another Contractor, the new Contractor shall not procure AA spare parts until available stocks and usage data have been received from the former Contractor and have been taken into account.

3.0 SUPPLY SUPPORT

3.1 CONTRACTOR SUPPLY ACCOUNTING

3.1.1 AA spare parts will be accounted for in either a manual or an automated system. Also, any automated materiel accounting system shall first be approved by the PA and regardless of the system that was utilized, the Contractor shall maintain an audit trail acceptable to DND.

3.2 STOCKTAKING

3.2.1 The Contractor shall initiate and complete a one hundred per cent (100%) manual stocktaking on AA spare parts every two (2) years, as a minimum, in accordance with Part 6 of A-LM-184-001/JS-001

3.3 MANAGEMENT OF DND-OWNED SPARES

3.3.1 The Contractor is responsible for determining the requirement for AA spare parts, obtaining and accounting for the AA spare parts in an approved manner for use on the R&O repair line and for the disposal (when so directed) of the spare parts in accordance with A-LM-184-001/JS-001.

3.3.2 Spare parts shall be used in the following order:

- a. Government Furnished Overhaul Spares (GFOS);
- b. Contract Issue Spares (CIS);
- c. Accountable Advance Spares (AAS); and
- d. Contractor Furnished Materiel (CFM).

3.4 EMBODIMENT FEES

3.4.1 Embodiment fees or materiel handling fees for AA Spare parts will be as negotiated by PWGSC, and will be paid/charged against the specific R&O work.

3.4.2 On normal transfer or issue of (spare parts) between AAS, CIS or GFOS accounts, any embodiment fees shall only be paid once and only upon actual embodiment. Supply accounting records for DND materiel shall be maintained separately from other Contractor's records.

3.4.3 On bulk transfer/disposal of items in CIS, GFOS or AAS accounts, embodiment fees, if applicable, are subject to a separate PWGSC negotiated rate.

3.5 SPARES REVIEW

3.5.1 The Contractor shall ensure that there is a continuing safeguard against the build-up of AAS inventory, in accordance with Part 5 of A-LM-184-001/JS-001, to determine if stock holdings include any item which:

- a. has become surplus to requirement as a result of removal of the end item from the SNAPS;
- b. has become redundant because of modification, change notice, product improvement etc;
- c. is held in excess of usage requirements; or
- d. is a catalogued item which should have been transferred to CIS.

NOTE: For AA spares, disposal/transfer actions include cancelling any outstanding purchase or production orders. The Contractor

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shall notify the Contracting Authority prior to amending/cancelling any portion of a purchase order. Furthermore, the Contractor is to inform the PA and NDQAR of any charges resulting from cancellation of procurement actions as a result of materiel becoming surplus or obsolete.

3.5.2 Contractors shall dispose/transfer spare parts which meet the criteria above and shall be responsible for the preparation and handling of the necessary documentation associated with the disposal function in accordance with Part 7 of A-LM-184-001/JS-001.

3.6 IMPORTATION OF AAS/PRIORITY RATING

3.6.1 Purchase orders which are placed with Canadian Suppliers for AA spare parts are to include the following clause:

"This is an urgent defence requirement. If you are importing materiel from the United States to fulfil this contract, obtain a United States Defence Priority Rating or a United States Controlled Materials Allotment from the Materiel Priorities Officer, Materiel Data Management Branch, 4B1, PWGSC Hull, Quebec, K1A 0S5. The rating or allotment number is to be entered on the purchase order that you send to the United States supplier."

ANNEX A											
<u>ACCOUNTABLE ADVANCE INVENTORY REPORT</u>											
NAME OF CONTRACTOR: DATE:											
CONTRACT FILE AND NUMBER	PROGRAM OR DESCRIPTION	PRESENT INVENTORY HOLDING IN							TOTAL INVENTORY	VALUE OF OUTSTANDING OR OPEN ORDERS FOR STOCK \$(000)	REMARKS
		ACTIVE	SLOW MOVING	INACTIVE							
				PLANNING ADVANCE SPARES	SPARES SUPPORTING REPAIRABLE RESERVE ITEMS	SURPLUS	OTHER	TOTAL INACTIVE			

ANNEX B

LOGISTIC STATEMENT of WORK for ACCOUNTABLE ADVANCE SPARES for REPAIR and OVERHAUL

Accountable Advance Cash Flow and Reconciliation

(1)	(2)	(3)		(4)			(5)		(6)			(7)
PART NO	AVERAGE UNIT PRICES	OPENING BALANCE 1 APR ____		RECEIPTS F/Y ____ / ____			ISSUES F/Y ____ / ____		CLOSING BALANCE ____ / ____			INVENTORY INCREASE DECREASE
		QTY	VALUE	QTY	VALUE	PROC RATIO	QTY	VALUE	QTY	VALUE	TURN RATIO	

APPENDIX 1, ANNEX B
ACCOUNTABLE ADVANCE SPARES
ACCOUNTABLE ADVANCE CASH FLOW AND RECONCILIATION

Columns **INFORMATION REQUIRED**

1. Insert item Part Number (P/N).
2. Insert Item average Unit prices.
3. Insert total quantity and dollar value of the item, carried over from the previous fiscal year.
4. Insert quantity, dollar value and procurement ratio of the item, receipt year-to-date (YTD).
5. Insert quantity and dollar value of the item, issue year-to date (YTD).
6. Insert quantity, dollar value and procurement ratio of the item inventory year-to-date (YTD)
7. Insert item inventory, increase/decrease as applicable

RATED EVALUATION CRITERIA and APPLICABLE RATINGS
 (one bid rating per group of items)

A. Mandatory Criteria:

Criterion	Met	Not met	Comments
<p><u>Warranty:</u></p> <p>Warranty period shall be a combination of: - 1 year after installation - After shipment & acceptance at DND Depot, maximum storage period of 1 year prior to installation</p>			
<p><u>Turn Around Time (TAT):</u></p> <p>The maximum TAT shall be 120 days.</p>			
<p><u>Quality Assurance:</u></p> <p>Bidder is currently certified to ISO 9001:2008 or has a comparable and acceptable QA Plan and procedure.</p>			
<p><u>Repair & Overhaul (R&O) Experience:</u></p> <p>Bidder must have a minimum of 5 years experience in the last 10 years in performing Repair & Overhaul work on various types of pumps.</p>			
<p><u>Technical Data and R&O Specifications:</u></p> <p>Bidders shall clearly demonstrate the technical data and R&O specifications required to undertake and successfully complete all aspects of the R&O services;</p> <p>i) The bidder is the Original Equipment Manufacturer (OEM)</p> <p>ii) The bidder has a license or agreement with the relevant OEM (bidders shall provide a copy of the license or agreement with the relevant OEM prior to closing of bid submission period).</p>	Group 1		
	Group 2		
	Group 3		
	Group 4		
<p><u>Mobile Repair Parties:</u></p> <p>Bidder shall demonstrate their capability of providing Mobile Repair Parties support on an as and when required basis.</p>			

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<p><u>Engineer - education/experience:</u></p> <p>Bidder must have a minimum of one (1) engineer with a degree in mechanical engineering and have at least 5 years of experience in the last 10 years in a pump related field.</p>			
<p><u>Technologist – certification/experience</u></p> <p>Bidder must have a minimum of one (1) technologist with a mechanical technical certification and having at least 3 years of experience in the last 10 years in a pump related field.</p>			

B. Point rated criteria:

Criterion	Rating	Maximum Points
General (14 points)		
<p>Warranty</p> <p>Longer than the mandatory 1 year storage period after shipment and receipt at DND facility following completion of R&O; or</p> <p>Longer than the mandatory 1 year warranty period after installation; or</p> <p>Combination of additional year(s) of storage period in DND's facilities and warranty period after installation.</p>	<p>(maximum: 70)</p> <p>15: for additional year of warranty beyond minimum (1 year warranty), after installation (per group of pumps, max 4 years additional).</p> <p>5: for each additional year of storage beyond the 1 year minimum after completion of R&O, to a maximum of 5 years or 25 points(per group of pumps).</p>	7
<p>Administrative (contracting) experience</p> <p>Number of large commercial, Other Government Department or DND contracts performed by bidder in the past 10 years;</p> <p>*any contract, Pump R&O related or not*</p>	<p>(maximum: 10)</p> <p>1: for each contract currently held and valued at \$100,000 or more. Ten (10) contracts maximum.</p>	7
Technical (32 points)		
<p>Years of experience in R&O</p> <p>Bidder has more than the minimum 5 years experience performing R&O.</p>	<p>(maximum: 10)</p> <p>1: for each year of experience above the minimum of 5 years of experience, maximum 10 years beyond mandatory 5 years.</p>	5

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R&O contracts in Pump field	(maximum: 10)	5
Number of large commercial(of equivalent or higher value than this contract), Other Government Department or DND R&O contracts completed in the past 5 years by the bidder.	1: for each commercial, OGD or DND R&O contract completed in the past 5 years and valued at \$100,000 or more. 10 contracts maximum.	
Types of Pumps Overhauled	(maximum: 22)	22
Number of similar pumps overhauled (within 25% capacity of HeadFlow and/or Horsepower rating) per NSN successfully completed major overhaul by bidder within the last 5 years. List client, date completed and brand/model number for each NSN.	10: For each NSN number with direct experience: Group 1 Maximum Rating: 260 Group 2 Maximum Rating: 220 Group 3 Maximum Rating: 110 Group 4 Maximum Rating: 120	
Engineering (4 points)		
Engineer - education/experience	(maximum rating: 25)	2
Bidder must have a minimum of one (1) engineer with a university degree in mechanical engineering and having at least 5 years of experience in a pump related field	3: for each additional mechanical engineer with a minimum of 5 years of relevant experience 5: for each of the above engineer with higher engineering degrees (masters,doctorates), if relevant to pumps	
Technologist - certification/experience	(maximum rating: 10)	2
Bidder must have a minimum of one (1) technologist with a technical certification and having at least 3 years of experience in a pump related field	2: for each additional technologist with a technical certification and having at least 3 years of experience in a pump related field	
TOTAL	180	50

Instructions:

A team of DND and PWGSC evaluators will determine compliance with mandatory requirements and assign ratings to the Bidders for each of the above rated criteria on a consensus basis.

Section A: Mandatory Criteria:

Warranty:

Bidder must state in writing their compliance to the minimum mandatory warranty and if applicable (reference section B of Point rated criteria, section B), indicate additional warranty period provided after installation and/or the additional storage period provided. Any additional warranty period indicated from the stated mandatory period, will become the duration of warranty in the resulting contract.

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Bidders and their subcontractors or partners shall each state their conformance with the relevant requested Turnaround Time to overhaul pumps and motors as applicable.

Turnaround Time (TAT):

Bidders shall demonstrate that they or their major subcontractors or partners are capable of meeting the mandatory maximum turnaround time (TAT) of 120 days, or a lesser proposed TAT, by providing in their bid a flow diagram or a detailed process description indicating activities which will be undertaken and the time taken by each activity to complete them. Failure to provide this flow diagram or detailed process will result in the bid being declared non-responsive. When requested by the contractor, delivery of DND spares shall not be recognized as a cause for excusable delay.

Quality Assurance:

Bidders shall provide in their bid their Quality Assurance Plan and Procedures for assessment by DQA or ISO 9001:2008 Certificate. If a bidder does not submit an ISO 9001:2008 Certificate, they must submit for acceptance by the Department of National Defence (DND) a Quality Plan prepared according to the latest issue (at closing date) of ISO 10012 "Quality management - Guidelines for quality plans". The Quality Plan shall describe how the Contractor will conform to the specified quality requirements of the contract and specify how the required quality activities are to be carried out, including quality assurance of subcontractors. The Contractor must include a traceability matrix from the elements of the specified quality requirements to the corresponding paragraphs in the Quality Plan.

The documents referenced in the Quality Plan shall be made available when requested by the Department of Public Works and Government Services or DND.

Repair & Overhaul (R&O) Experience:

For a minimum of 5 years during the past 10 years, bidders shall fully demonstrate their experience and expertise in performing the repair and overhaul services for similar type of pumps as listed in each Group and within 25% capacity of each stated NSN number of this solicitation.

More particularly, they shall provide; A list of some contracts they have completed, indicating customer, pump brand and model number, value of contract, turnaround time achieved, warranty offered and acceptance standards required by the customer.

Sources of Technical Data and R&O Specifications:

Per the Group List of OEM below, bidders must either;

1. Clearly indicate that they are the Original Equipment Manufacturer (OEM) and holder of all rights to the "Technical Data Package"(TDP) and R&O for the indicated brands; or
2. Bidders shall demonstrate the arrangements made for the provision of R&O specifications and TDP's from the Original Equipment Manufacturer (OEM) by providing letters of intent from each OEM in the list below, identifying them as an authorized partner for this solicitation and giving them access to the OEM's TDP and R&O packages, at time of closing.

List of OEM per Group:

Group 1: Weir & Peacocks
Group 2: IMO, Warren
Group 3: Leistritz, Carter, Wilden, FMC
Group 4: Ingersoll-Dresser/Curtis-Wright

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Mobile Repair Parties:

Bidder shall demonstrate their capability of providing Mobile Repair Parties support on an as and when required basis, with ability to travel worldwide on 72hrs notice.

Engineer – education/experience:

Bidder will provide in their bid the relevant documentation to confirm their employee, subcontractor or partner is qualified (diploma and resume) as required and that this level of engineering support will be provided for the entire duration of the contract (if applicable).

Technologist – certification/experience:

Bidder will provide in their bid the relevant documentation to confirm their employee has a mechanical technical certification as indicated and that this level of technical support will be provided for the entire duration of the contract (if applicable).

Facilities and Test installations:

The services of Naval Engineering Test Establishment (NETE) may be used by contractors but will not be provided separately and free of charge or on a priority basis by Canada for this requirement. Bidders that have elected to use NETE as the test facility for any of the pumps of this requirement shall request the NETE Quote document issued by NETE. Bidders proposing NETE as a test facility shall provide separately from Annex D, for each pump tested at NETE, the details (including NETE quotes) of the testing costs included in their firm prices for verification by the Contracting Authority. For each of the pumps tested at NETE, the Contractor shall submit a copy of the NETE testing invoice with its invoice for the completed work.

With the exception of testing facilities addressed above, Bidders must demonstrate that they or their major subcontractors or partners have adequate facilities to perform the Work. Bidders must identify and describe the facilities and instrumentation to be used in the course of the contract and which will meet the requirements of the Technical and Logistic Statements of Work. Bidders or their major subcontractors or partners shall have or shall make provision to have the use of testing installations and equipment for electric motors and pumps, as well as steam turbine driven pumps, to suitably confirm performance and vibration output of overhaul pumps and motors in accordance with relevant specifications in this bid solicitation.

In responding to this solicitation, bidders shall include in their bid a description of the vibration monitoring equipment, test loops, mounting arrangements, parameters to be measured, accuracy of instrumentation and provisions for calibration. In addition, bidders shall include in their bid the plan they will follow for performance and vibration testing of the overhauled pumps and motors. Bidders or their major subcontractors or partners shall have an installation capable of secure mounting of pumps of approximate weight of 1200 kg, with resilient mounts and flexible connections in accordance with the Statements of Work. Bidders or their major subcontractors or partners shall have a test loop with minimum pipe sizes and capable to withstand peak pressure and flow rate expected of any of the equipment items identified."

Major Subcontractors:

If repair and overhaul work of a complete item or any major component repair and overhaul work, testing or any part of testing is to be subcontracted, bidders shall identify in their bid all subcontractors who will work on the contract and fully describe the capabilities of the companies to which they will subcontract, in the form of a short history of the subcontractors and a list of some of the contracts the subcontractors have completed, indicating customer, type of testing done, turnaround time achieved, and standard of

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accuracy required by the customer. Bidders shall describe the equipment which the subcontractors will use and the plan the subcontractors will follow for QA, performance and vibration testing of the overhauled pumps and motors. **If, based on requirements described in this bid solicitation, a subcontractor proposed in the bid is found non-responsive to the mandatory requirements of this bid solicitation , the bid shall be declared non-responsive.**

Section B: Point Rated Criteria:

- A. Each Rating Score obtained is divided by the maximum stated rating and this result is then multiplied by the Maximum points allowed to obtain a score per Point rated criteria.
- B. Per Group of pumps, bidders are required to achieve a minimum score of thirty (30) points (sum of scores for each point rated criteria) from a total possible point score of fifty (50) points, in order to be considered for award.

Example: Under "Warranty Rating", you stipulate an additional storage period after receipt of 2 extra years, 2 X 5 Rating points will provide the following points:

1. 2 X 5 Rating Score = 10
2. 10 divided 80 (Possible Total Rating of 80) = 0.125
3. 0.125 X 7 (possible points) = 0.875 points
4. The sum of each criteria is totalled to provide Point Score.