



National Defence
National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Défense nationale
Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

RETURN BIDS TO: RETOURNER LES SOUMISSIONS À :

Daniel Guindon
D Mar P 3-2-3

Email:

[DMarP3BidSubmission-
DOMar3Soumissiondesoffres@forces.gc.ca](mailto:DMarP3BidSubmission-
DOMar3Soumissiondesoffres@forces.gc.ca)

Proposal To: National Defence Canada

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

Proposition à : Défense nationale 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 et services énumérés ici et sur toute feuille ci-annexée, au(x) prix indique(s).

Solicitation Closes – L'invitation prend fin

At – à : 14 :00 EST

On - le : 06 January 2023

Title/Titre FLUID COOLERS	Solicitation No – N° de l'invitation W8482-230510/A
Date of Solicitation – Date de l'invitation 23 November 2022	
Address Enquiries to – Adresser toutes questions à Daniel Guindon Directorate of Maritime Procurement 3-2-3 (D Mar P 3-2-3) <a href="mailto:DMarP3BidSubmission-
DOMar3Soumissiondesoffres@forces.gc.ca">DMarP3BidSubmission- DOMar3Soumissiondesoffres@forces.gc.ca	
Telephone No. – N° de téléphone	FAX No – N° de fax
Destination See herein	

Instructions:

Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions: Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

Delivery required - Livraison exigée	Delivery offered - Livraison proposée
Vendor Name and Address - Raison sociale et adresse du fournisseur	
Name and title of person authorized to sign on behalf of vendor (type or print) - Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie)	
Name/Nom _____	Title/Titre _____
Signature _____	Date _____

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Solicitation No. - N° de l'invitation

W8482-230510/A

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

W8482-230510

Amd. No. - N° de la modif.

File No. - N° du dossier

2183G-10041-N002288-611

Buyer ID - Id de l'acheteur

8715100

CCC No./N° CCC - FMS No./N° VME

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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement applicable to the Contract.

1.2 Requirement

The requirement is detailed in Annex "A", Line Item Details.

1.3 Debriefings

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

1.4 Trade Agreements

This procurement is subject to the following trade agreements: Canadian Free Trade Agreement (CFTA), Canada-Chile Free Trade Agreement, Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP), Canada-Colombia Free Trade Agreement, Canada-European Union Comprehensive Economic and Trade Agreement (CETA), Canada-Honduras Free Trade Agreement, Canada-Korea Free Trade Agreement, Canada-Panama Free Trade Agreement, Canada-Peru Free Trade Agreement, Canada-Ukraine Free Trade Agreement, Canada-United Kingdom Trade Continuity Agreement and World Trade Organization Agreement on Government Procurement (WTO-GPA).

1.5 Canadian Content

The requirement is subject to international trade agreements; Canadian Content Policy cannot be applied.

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

The [2003](#) (2022-03-29) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation, with the following modification:

- a. Section 02, Procurement Business Number is deleted in its entirety.

2.1.1 SACC Manual Clauses

[B1000T](#) (2014-06-26), Condition of Material – Bid

2.2 Submission of Bids

a) Due to the nature of the bid solicitation, bids transmitted by facsimile will not be accepted. Bids must NOT be sent directly to the Contracting Authority. Bids sent directly to the Contracting Authority will not be considered.

b) Bids must be submitted only to the D MAR P 3 Bid Receiving Positional Mailbox: DMarP3BidSubmission-DOMar3Soumissiondesoffres@forces.gc.ca by the date and time indicated on page 1 of the bid solicitation and must be pursuant with subparagraph c.

c) Individual e-mails exceeding five (5) megabytes, or those including other factors such as embedded macros and/or links, may be rejected by the DND e-mail system and/or firewall(s) without notice to the Bidder or DND Point of Contact. Larger bids may be submitted through more than one e-mail. The DND point of Contact will confirm receipt of documents. It is the responsibility of the Bidder to ensure that the entire submission has been received. Bidders must not assume that all documents have been received unless the DND Point of Contact confirms receipt of each document. In order to minimize the potential for the technical issues, bidders are requested to allow sufficient time before the closing time and date to confirm receipt. Bid documents received after the closing time and date will not be accepted.

2.3 Enquiries - Bid Solicitation

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

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

2.4 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.

2.5 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
- Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)

- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

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

Section I: Technical Bid One (1) soft copy;
 Section II: Financial One (1) soft copy;
 Section III: Certifications One (1) soft copy; and
 Section IV: Additional Information (1) soft copy

All soft copy documents must be submitted in PDF format, no other format will be accepted.

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

Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bin in accordance with the Basis of Payment.

A. SACC Manual Clauses

C3011T (2013-11-06) Exchange Rate Fluctuation

B. Electronic Payment of Invoices - Bid

Canada requests that bidders:

1. select option 1 or, as applicable, option 2 below; and
2. include the selected option in Section II of their bid.

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

Option 1:

The Bidder accepts to be paid by the following Electronic Payment Instrument(s):

- () VISA Acquisition Card
- () MasterCard Acquisition Card
- () Direct Deposit (Domestic and International)
- () Electronic Data Interchange (EDI)
- () Wire Transfer (International Only)
- () Large Value Transfer System (LVTS) (Over \$25M)

Option 2:

() The Bidder does not accept to be paid by Electronic Payment Instruments.

Section III: Certifications

In Section III of their bid, bidders should provide the certifications required under Part 5 and, as applicable, any associated additional information.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

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

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

- a) Bidders must indicate the Part Number and the NSCM/NCAGE they are offering.
- b) Bidders proposing an Equivalent or Substitute Product must indicate the brand name and model and/or Part Number and the NSCN/NCAGE they are offering.

4.1.1.2 Equivalent Products - Bid

- a) This bid solicitation includes requirements to propose equipment (each, a Line Item) that has been specified by a part number in order to ensure compatibility, interoperability and interchangeability with existing equipment owned by Canada.
- b) Where equipment has been described in this bid solicitation by part number and more than one part number is listed as associated with a single Line Item, equivalency will be assessed against the first part number, referred to as the Item of Supply. Other part numbers listed under that Line Item will be considered to meet the requirement without requiring an assessment as an equivalent product.
- c) Proposed equipment that is a replacement part number (superseded or obsolete) from the Original Equipment Manufacturer of the Item of Supply listed under a Line Item must be assessed as an equivalent product under this Article, in order to be considered to meet the requirement.
- d) If a bidder intends to propose a part as an equivalent to a required Item of Supply, and it has or is able to obtain complete specifications for the Item of Supply, it must provide to Canada in its bid this Item of Supply specification, along with the specification established for its proposed equivalent. Canada may instruct the bidder to use the provided Item of Supply specification, or another specification provided by Canada, for the purposes of demonstrating equivalency. If the Item of Supply specification is provided by Canada to the bidder, it will be made available to all bidders at the same time. During the evaluation period, the bidder must provide to Canada an analysis within seven business days of the request to do so, showing a comparison of the specification of its proposed equivalent part with the Item of Supply specification. The analysis must demonstrate that the proposed equivalent part is equivalent in

fit, form, function, quality and performance to the required Item of Supply, that it meets any mandatory performance criteria identified in the solicitation, and that the proposed equivalent is fully compatible, interoperable and interchangeable with existing equipment identified in the bid solicitation. If the analysis submitted by the bidder does not demonstrate to the satisfaction of Canada such requirements, the bid will either be declared non-responsive, or will be subject to further evaluation if sampling is requested by Canada.

- e) It is the responsibility of the Bidder to include all information required to evaluate the proposed equivalent product as described above; however, all bidders acknowledge that Canada will have the right, but not the obligation, to request any additional information during the evaluation that it requires to make a determination regarding the product proposed.
- f) The bidder must provide the number of samples of its proposed equivalent part requested by Canada, transportation charges prepaid, and without charge to Canada, within three business days from the date of a request by the Contracting Authority:
 - (a) if no specifications for the Item of Supply acceptable to Canada are available for the assessment above, or
 - (b) if, in addition to the evaluation of the analysis submitted under paragraph 1, Canada wishes to perform testing on the proposed equivalent part to make its determination regarding whether the part is equivalent in form, fit, function, quality and performance. Canada also reserves the right to conduct testing regarding other aspects of equivalency, such as durability and interoperability, as compared to the Item of Supply. All tests will be documented by Canada. A sample submitted by a Bidder will remain the property of Canada and will not be considered as part of the deliverables in any resulting contract. If the testing does not demonstrate equivalency with respect to the aspects tested by Canada, the bid will be declared non-responsive.
- g) If:
 - (a) at least one bid is received proposing an equivalent part,
 - (b) no acceptable specifications of the requested Item of supply are provided by the bidder proposing the equivalent,
 - (c) no acceptable specifications of the requested Item of Supply are available to Canada, and
 - (d) Canada is unable to test a sample for any reason (including that the Item of Supply being procured is new to use, or its interoperable parts are not available for use in testing),then,
 - (i) if there are two (2) or more responsive bids in respect of the Item of Supply (not an equivalent), the evaluation process will be limited to those responsive bids.
 - (ii) if there are fewer than two (2) responsive bids, Canada will cancel the bid solicitation and then determine next steps, including whether specifications can reasonably be developed for the Item of Supply required by Canada.

4.1.2 Financial Evaluation

SACC Manual Clause [A0222T](#) (2014-06-26), Evaluation of Price - Canadian / Foreign Bidders

Bidders must submit prices in Canadian dollars. Bids submitted in foreign currency will be rejected.

4.2 Basis of Selection - Multiple Items

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with the *lowest evaluated price on an NSN by NSN basis* will be recommended for award of a contract.

4.2.1 More than one Contract may be awarded in response to this solicitation.

PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

5.2 Certifications Precedent to Contract Award and Additional Information

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

5.2.1 Integrity Provisions – Required Documentation

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

5.2.1.1 Integrity Provisions - List of Names

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide a list of names.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

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

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

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

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

5.2.3 Canadian Military Technical Data (Shock Test) – Equivalent Products

For Lines 001 to 002

Submission of certificate of shock testing and drawings:

Any equivalent product(s) proposed must have successfully met the testing requirements of Specification D-03-003-007/SG-000 Grade 1 Type A, prior to the bid closing. If bidder is offering substitute products that are equivalent in form, fit, function and quality to the Original Equipment Manufacturer (OEM) parts specified herein, the bidder must provide proof by submitting a copy of the successful certificate of shock testing including the serial numbers of the proposed products and an acceptable drawing with certification of the proposed products with their bid by the bid closing date and time. Bids unable to meet this requirement will be given no further consideration.

PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirements

6.1.1 There is no security requirement applicable to the Contract.

6.2 Requirement

The Contractor must provide the items detailed under the "Line Item Details" at Annex "A".

6.3 Standard Clauses and Conditions

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

6.3.1 General Conditions

2010A (2022-01-28), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract, with the following modifications:

"Canada", "Crown", "Her Majesty" or "the Government" means Her Majesty the Queen in right of Canada as represented by the Minister of National Defence and any other person duly authorized to act on behalf of that minister or, if applicable, an appropriate minister to whom the Minister of National Defence has delegated his or her powers, duties or functions and any other person duly authorized to act on behalf of that minister.

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from date of Contract award to the end of the warranty period as described in Section 09 of 2010A (2022-01-28) General Conditions - Goods (Medium Complexity).

6.4.2 Delivery Date

All the deliverables must be received on or before _____.

DND reserves the right to negotiate delivery date changes to before or after March 31, 2023.

6.4.3 Delivery Points

Delivery of the requirement will be made to delivery point(s) specified at Annex "A" of the Contract.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Daniel Guindon
Title: Materiel Acquisition and Support Officer
Directorate: D Mar P 3-2-3
Address: 101 Colonel By Drive
Ottawa, Ontario, K1A 0K2
E-mail address: DMarP3BidSubmission-DOMar3Soumissiondesoffres@forces.gc.ca

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

6.5.2 Technical Authority

The Technical Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: ____ - ____ - ____
E-mail: _____

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

6.5.3 Contractor's Representative

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

6.6 Payment

6.6.1 Basis of Payment

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

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

6.6.2 Terms of Payment

SACC *Manual* clause [H1001C](#) (2008-05-12), Multiple Payments
SACC *Manual* clause [C3015C](#) (2017-08-17), Exchange rate fluctuation adjustment
SACC *Manual* clause [C2000C](#) (2007-11-30), Taxes - Foreign-based Contractor
SACC *Manual* clause [C2608C](#) (2020-07-01), Canadian Customs Documentation
SACC *Manual* clause [C2605C](#) (2008-05-12), Canadian Customs Duties and Sales Tax - Foreign-based Contractor
SACC *Manual* clause [C2610C](#) (2007-11-30), Customs Duties – Department of National Defence – Importer

6.6.3 Electronic Payment of Invoices – Contract

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

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

6.7 Invoicing Instructions

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

completed.

2. Invoices must be distributed as follows:

- a. The original and one copy must be forwarded to the consignee for certification and payment.

Department of National Defence
Maritime Forces Atlantic
Accts Payable Bldg. S-90, Room 334
2686 Sextant Lane, Stadacona
PO Box 99000 Stn Forces
Halifax, NS B3K 5X5
Canada
hfxaccountspayable@forces.gc.ca

and

Department of National Defence
Base Logistics Officer
CFB Esquimalt
STN Forces, P.O. Box 17000
Victoria, BC V9A 7N2
Canada
ESQBLOGAcctsPayable@forces.gc.ca

- b. One copy must be forwarded to:

Department of National Defence
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Attention: D Mar P 3-2-3
Email: DMarP3BidSubmission-DOMar3Soumissiondesoffres@forces.gc.ca

6.8 Certifications and Additional Information

6.8.1 Compliance

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

6.9 Applicable Laws

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

6.10 Priority of Documents

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

- a) The Articles of Agreement;

- b) The general conditions [2010A](#) (2022-01-28), General Conditions - Goods (Medium Complexity);
- c) Annex A, Line Item Details;
- d) Annex B, Basis of Payment;
- e) Annex C, Long Text Description
- f) The Contractor's bid dated _____.

6.11 Defence Contract

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

6.12 Condition of Material - Contract

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

6.13 SACC Manual Clauses

[B7500C](#) (2006-06-16), Excess Goods

[D2001C](#) (2007-11-30), Labelling

[D2000C](#) (2007-11-30), Marking

[D2025C](#) (2017-08-17), Wood Packaging Materials

[D6010C](#) (2007-11-30), Palletization

[D9002C](#) (2007-11-30), Incomplete Assemblies

[G1005C](#) (2016-01-28), Insurance - No Specific Requirement

[C2800C](#) (2013-01-28), Priority Rating

[C2801C](#) (2022-03-29), Priority Rating: Canadian-based contractors

6.14 Asbestos

The contractor must not use asbestos in the equipment unless no feasible alternative is available, in which case rationale must be provided. Any parts containing asbestos must be properly labelled, and the part number and location be explicitly identified in technical documentations.

6.15 Shelf Life

The Contractor must ensure that items 009 to 012 and items 017 to 018 will contain 75 percent of the authorized shelf life as listed in CFTO D-05-001-001/SF-000 at date of delivery to the Department of National Defence.

Maximum shelf life for items 017 to 018 is 60 months.

Maximum shelf life for items 009 to 012 is 120 months.

6.16 Packaging

6.16.1 Packaging Requirement using Specification for Dangerous Goods/Hazardous Material

For Lines 023 to 024:

1. The Contractor must mark dangerous goods/hazardous products which are classed as dangerous/hazardous as follows:
 - a. shipping container - in accordance with the Transportation of Dangerous Goods Act, 1992, c. 34; and
 - b. immediate product container - in accordance with the Hazardous Products Act, R.S., 1985, c. H-3.
2. The Contractor must provide bilingual Safety Data Sheets, indicating the NATO Stock Number as follows:
 - a. two hard copies:
 - i. one copy to be enclosed with the shipment, and
 - ii. one copy to be mailed to:
National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Attention: DSCO 5-4-2
 - b. one copy sent in any electronic format to the following address: MSDS-FS@FORCES.GC.CA.
3. The Contractor will be responsible for any damages caused by improper packaging, labelling or carriage of dangerous goods/hazardous products.
4. The Contractor must ensure they adhere to all levels of regulations regarding dangerous goods/hazardous products as set forth by federal, provincial and municipal laws and by-laws.
5. The Contractor must contact the consignee (i.e. Supply Depot Traffic Section) at least 48 hours before shipping dangerous goods/hazardous products in order to schedule a receiving time.

6.16.2 Dangerous Goods/Hazardous Products – Labelling and Packaging Compliance

For Lines 023 to 024:

1. The Contractor must ensure proper labelling and packaging in the supply and shipping of dangerous goods/hazardous products to the Government of Canada.
2. The Contractor will be held liable for any damages caused by improper packaging, labelling or carriage of dangerous goods/hazardous products.

3. The Contractor must clearly mark all merchandise labels with the percentage of volume that is a hazardous item. Failure to do so will result in the Contractor being held responsible for damages caused in the movement of goods/products by government vehicles or government personnel.
4. The Contractor must adhere to all applicable laws regarding dangerous goods/hazardous products.

6.16.3 Packaging Requirement using Specification D-LM-008-026/SF-001

The Contractor must prepare item(s) 009 to 012 for delivery in accordance with the latest issue of the Canadian Forces packaging specifications D-LM-008-026/SF-001, Preformed Packing, Gaskets or Seals (rubber natural/synthetic, cork, asbestos or leather).

6.16.4 Packaging Requirement using Specification D-LM-008-030/SF-001

The Contractor must prepare item(s) 017 to 022 for delivery in accordance with the latest issue of the Canadian Forces packaging specifications D-LM-008-030/SF-001, Hose, Rubber, Plastic, Fabric or Metal (including tubing) and Fittings, Nozzles and Strainers.

6.16.5 Packaging Requirement using Specification D-LM-008-036/SF-000

The Contractor must prepare item number(s) 005 to 026 for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification D-LM-008-036/SF-000, DND Minimum Requirements for Manufacturer's Standard Pack.

6.16.6 Additional Package Markings – Identical

1. The Contractor must ensure that in addition to the required interior and exterior package markings, the following information is provided:
 - a. specification number;
 - b. manufacturer's name;
 - c. cure date of rubber components; and
 - d. date of manufacture;
 - e. expiration date of shelf life.
2. These markings must be applied and positioned in accordance with Canadian Forces Packaging Specification D-LM-008-002/SF-001.

6.17 Quality Assurance

For lines 005 to 026:

D5545C (2019-05-30) ISO 9001:2015 - Quality Management Systems - Requirements (Quality Assurance Code C)

For lines 001 to 004 and line 027 to 028:

D5540C (2021-05-20) ISO 9001:2015 Quality Management Systems - Requirements (Quality Assurance Code Q)

D5510C (2022-05-12) Quality Assurance Authority (DND) - Canadian-based Contractor

OR

D5515C (2010-01-11) Quality Assurance Authority (Department of National Defence) - Foreign-based and United States Contractor

D5606C (2017-11-28) Release Documents (DND) - Canadian-based Contractor

OR

D5604C (2008-12-12) Release Documents (Department of National Defence) - Foreign-based Contractor

OR

D5605C (2021-05-20) Release Document (Department of National Defence) - United States-based Contractor

A1009C (2008-05-12) Work Site Access

D5620C (2012-07-16) Release Documents – Distribution

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

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

National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2
Attention: D Mar P 3-2-3
Email: DMarP3BidSubmission-DOMar3Soumissiondesoffres@forces.gc.ca

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

DQA/Contract Administration
National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2
E-mail: ContractAdmin.DQA@forces.gc.ca.

6.18 Shipping Instructions (Department of National Defence)

6.18.1 Shipping Instructions (Department of National Defence) - Canadian-based Contractor

- 1. Delivery will be FCA Free Carrier at _____ Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility.
- 2. Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 3.
 - a. Inbound Logistics Co-ordination Center (ILCC)
Telephone: 1-877-877-7423 (toll free)

Facsimile: 1-877-877-7409 (toll free)

E-mail: ILHQOttawa@forces.gc.ca

3. The Contractor must provide the following information to the DND Inbound Logistics Coordination Center when arranging for shipment:
 - a. the Contract number;
 - b. consignee address (for multiple addresses, items must be packaged and labelled separately with each consignee address);
 - c. description of each item;
 - d. the number of pieces and type of packaging (i.e., carton, crate, drum, skid);
 - e. actual weight and dimensions of each piece type, including gross weight;
 - f. full details of dangerous goods/hazardous products, as required for the applicable mode of transportation, signed certificates for dangerous goods/hazardous products as required for shipment by the International Maritime Dangerous Goods Code, the International Air Transport Association regulations or the applicable Canadian Transportation of Dangerous Goods Regulations, and a copy of the safety data sheet in English and French.
4. Following receipt of this information by Canada, Canada will provide the appropriate shipping instructions, which may include the requirement for specific consignee address labelling, and the marking of each piece with a Transportation Control Number.
5. The Contractor must not ship the goods before receiving shipping instructions from the DND Inbound Logistics contact.
6. If the Contractor delivers the goods at a place and time which are not in accordance with the given delivery instructions or fail to fulfill reasonable delivery instructions given by Canada, the Contractor must reimburse Canada any additional expenses and costs incurred.
7. If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either 30 days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or 30 days following the delivery date specified in the Contract, whichever is later.

OR

6.18.1 Shipping Instructions (Department of National Defence) - Foreign-based Contractors

1. Delivery will be FCA Free Carrier at _____ Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility
2. Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 3.
 - a. Inbound Logistics Coordination Center (ILCC):
Telephone: 1-877-447-7701 (toll free)
Facsimile: 1-877-877-7409 (toll free)
E-mail: ILHQOttawa@forces.gc.ca
OR

-
- b. Inbound Logistics United Kingdom (ILUK):
 Telephone: 011-44-1895-613023, or 011-44-1895-613024, or
 Facsimile: 011-44-1895-613046
 E-mail: CFSUEDetUKMovements@forces.gc.ca
 In addition, the Contractor must send to ILUK the completed form "Shipping Advice and Export Certificate" by e-mail to: CFSUEDetUKMovements@forces.gc.ca.
 The shipment of any items above the value of 600 GBP (pound sterling) being exported from the United Kingdom and Ireland will be cleared by DND using Her Majesty's Customs & Excise (HMCE) New Export Systems (NES). The Contractor must comply with HMCE requirements by registering with HMCE or by having a freight forwarder complete the entry. A printed copy of the NES entry Export Declaration clearly displaying the Declaration Unique Consignment Reference Number must be provided by the Contractor and attached to the consignment. The Contractor must ensure that this procedure is carried out for all stores whether they be initial purchase or repair and overhaul export items. HMCE will authorize Canadian Forces Support Unit (Europe) to ship the goods only if the procedure has been adhered to completely and properly by the Contractor. **Note:** To ensure you receive a reply on any contracting information such as Incoterms etc, always include the e-mail address: ILHQcontract-ILHQcontrat@forces.gc.ca in carbon copy (cc).
 OR
- c. Inbound Logistics Europe Area (ILEA):
 Telephone: +49-(0)-2203-908-1807 or 2748 or 5304
 Facsimile: +49-(0)-2203-908-2746
 Email: ILEA@forces.gc.ca
Note: To ensure you receive a reply on any contracting information such as Incoterms etc, always include the e-mail address: ILHQcontract-ILHQcontrat@forces.gc.ca in carbon copy (cc).
 OR
- d. Inbound Logistics Coordination Center (ILCC):
 Telephone: 1-877-447-7701 (toll free)
 Facsimile: 1-877-877-7409 (toll free)
 Email: ILHQOttawa@forces.gc.ca
 Canada is responsible for the carrier selection for shipments of the goods supplied under this FMS contract. Instructions on how to obtain carrier selection from Canada are contained in U.S. Department of Defense 4000.25-8-M, Military Assistance Program Address Directory, and Canadian Special Instructions Indicator (SII). The Contractor must not ship the goods until the SII has been complied with.
3. The Contractor must provide the following information to the DND Inbound Logistics contact when arranging for shipment:
- the Contract number;
 - consignee address (if multiple addresses, items must be packaged and labeled separately with each consignee address);
 - description of each item;
 - the number of pieces and type of packaging (e.g. carton, crate, drum, skid);

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

6.19 Dispute Resolution

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "[Dispute Resolution](#)".

6.20 Equivalency of Equipment

6.20.1 Equivalent Products – Contract

- a) The Contractor guarantees that the equipment to be delivered under the Contract is:
- i. equivalent in form, fit, function, quality and performance to the equipment requested by Canada that was described in the bid solicitation that resulted in the Contract;
 - ii. fully compatible, interchangeable and interoperable with the existing equipment owned by Canada identified in the bid solicitation that resulted in this Contract.
- b) The Contractor also guarantees that any warranties with third parties concerning the existing equipment owned by Canada identified in the bid solicitation will not be adversely affected by Canada's use of the equipment delivered under the Contract (for example, by interconnecting the equipment) or by any other services provided by the Contractor under the Contract. If Canada determines in its sole discretion that any such warranty has been adversely affected, at Canada's sole option, the Contractor must:
- i. pay to Canada the amount that Canada must pay to the original supplier (or an authorized reseller of that supplier) to re-certify Canada's existing equipment for warranty purposes and any other amounts paid by Canada to a third party in order to restore the equipment to full warranty status;
 - ii. perform all warranty work on Canada's existing equipment in place of the original supplier; or
 - iii. pay to Canada the amount that Canada must pay to the original supplier (or an authorized reseller of that supplier) to perform maintenance work on the equipment that otherwise would have been covered by the warranty.
- c) The Contractor agrees that, during the Contract Period, if Canada determines that any of the equipment is not equivalent in form, fit, function, quality and performance to the existing equipment owned by Canada that was identified in the bid solicitation, or is not fully compatible, interchangeable and interoperable with the existing equipment owned by Canada that was identified in the bid solicitation, the Contractor must immediately and entirely at its own expense take all steps necessary to ensure that the equipment satisfies these requirements (for example, by implementing any additional software or firmware), failing which Canada will have the immediate right to terminate the Contract for default. The Contractor agrees that, if Canada terminates the Contract for this reason, the Contractor must pay to Canada the costs of reprocurring the equipment from a third party and the difference, if any, in price paid by Canada to the third party. The Contractor acknowledges that its failure to deliver equivalent equipment that satisfies the above requirements may result in the Contractor (as well as its affiliates and any other entities with whom the Contractor or its principals do not deal at arm's length) being unable to propose equivalent substitutes in response to future DND bid solicitations, on the basis that Canada has satisfactory evidence that based on this past behaviour, such entity is unsuitable and its equivalent bid should be rejected pursuant to Canada's standard instructions for competitive requirements.

Note to Bidders: This article will only be included in a resulting contract if equivalent products have been proposed.

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
001	NSN: 2930-99-229-6237 Name: CORE ASSEMBLY,FLUID COOLER PN Requested: 1510-03-024-009 NCAGE: U0721, GARDNER DENVER LTD OR PN Requested : E018-00080T NCAGE : U0721, GARDNER DENVER LTD OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	12	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	Q	NO	YES
002	NSN: 2930-99-229-6237 Name: CORE ASSEMBLY,FLUID COOLER PN Requested: 1510-03-024-009 NCAGE: U0721, GARDNER DENVER LTD OR PN Requested : E018-00080T NCAGE : U0721, GARDNER DENVER LTD OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	10	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	Q	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
003	PSCN: 4420-20-A0Y-3146 Name: CORE ASSEMBLY,FLUID COOLER PN Requested: 2070-03-024-006 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	2	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	Q	NO	YES
004	PSCN: 4420-20-A0Y-3146 Name: CORE ASSEMBLY,FLUID COOLER PN Requested: 2070-03-024-006 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	2	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	Q	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
005	PSCN: 4420-20-A0Y-3145 Name: BONNET,FLUID COOLER PN Requested: 3042-03-217-000 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	4	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	C	NO	YES
006	PSCN: 4420-20-A0Y-3145 Name: BONNET,FLUID COOLER PN Requested: 3042-03-217-000 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	4	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	C	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
007	PSCN: 4420-20-A0Y-3144 Name: BONNET,FLUID COOLER PN Requested: 3042-03-217-001 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	2	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	C	NO	YES
008	PSCN: 4420-20-A0Y-3144 Name: BONNET,FLUID COOLER PN Requested: 3042-03-217-001 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	2	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	C	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
009	PSCN: 5330-20-A0Y-3148 Name: GASKET PN Requested: 4013-05-0101-21 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	70	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	C	NO	YES
010	PSCN: 5330-20-A0Y-3148 Name: GASKET PN Requested: 4013-05-0101-21 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	50	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	C	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
011	PSCN: 5330-20-A0Y-3147 Name: GASKET PN Requested: 4012-05-0101-039 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	70	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	C	NO	YES
012	PSCN: 5330-20-A0Y-3147 Name: GASKET PN Requested: 4012-05-0101-039 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	50	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	C	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
013	PSCN: 5307-20-A0Y-3136 Name: STUD PN Requested: 4022-37-3422-00 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	75	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	Q	NO	YES
014	PSCN: 5307-20-A0Y-3136 Name: STUD PN Requested: 4022-37-3422-00 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	75	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	Q	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
015	PSCN: 5310-20-A0Y-3135 Name: NUT,HEAVY HEX PN Requested: 4026-37-0222-00 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	150	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	Q	NO	YES
016	PSCN: 5310-20-A0Y-3135 Name: NUT,HEAVY HEX PN Requested: 4026-37-0222-00 NCAGE: 4DKY8, API HEAT TRANSFER INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	150	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	Q	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
017	NSN: 4720-00-194-8911 Name: HOSE, NONMETALLIC PN Requested: 2580-16 NCAGE: 01276, EATON-AEROQUIP INC OR PN Requested : 2653-16 NCAGE : 01276, EATON-AEROQUIP INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	FT	480	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	C	NO	YES
018	NSN: 4720-00-194-8911 Name: HOSE, NONMETALLIC PN Requested: 2580-16 NCAGE: 01276, EATON-AEROQUIP INC OR PN Requested : 2653-16 NCAGE : 01276, EATON-AEROQUIP INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	FT	420	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	C	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
019	NSN: 4730-00-052-4834 Name: ADAPTER,STRAIGHT,TUBE TO HOSE PN Requested: 4-411-16 NCAGE: 01276,EATON-AEROQUIP INC OR PN Requested : CMC-4-5511-16-16 NCAGE : 53159,CUSTOM HYDRAULIC & MACHINE INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	200	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	C	NO	YES
020	NSN: 4730-00-052-4834 Name: ADAPTER,STRAIGHT,TUBE TO HOSE PN Requested: 4-411-16 NCAGE: 01276,EATON-AEROQUIP INC OR PN Requested : CMC-4-5511-16-16 NCAGE : 53159,CUSTOM HYDRAULIC & MACHINE INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	170	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	C	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
021	NSN: 4730-00-504-7509 Name: ELBOW,HOSE PN Requested: 4-191302-16 NCAGE: 01276,EATON-AEROQUIP INC OR PN Requested : 90ELB-1488D-1616 NCAGE : 32142,HYDRASEARCH COMPANY, LLC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	35	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	C	NO	YES
022	NSN: 4730-00-504-7509 Name: ELBOW,HOSE PN Requested: 4-191302-16 NCAGE: 01276,EATON-AEROQUIP INC OR PN Requested : 90ELB-1488D-1616 NCAGE : 32142,HYDRASEARCH COMPANY, LLC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	30	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	C	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
023	NSN: 9150-20-000-0034 Name: LUBRICATING OIL,AIR COMPRESSOR PN Requested: FLUID FORCE RED 2000 NCAGE: 36008, COMPARE CANADA INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	CO	14	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	C	NO	YES
024	NSN: 9150-20-000-0034 Name: LUBRICATING OIL,AIR COMPRESSOR PN Requested: FLUID FORCE RED 2000 NCAGE: 36008, COMPARE CANADA INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	CO	10	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	C	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
025	NSN: 4330-99-613-2947 Name: FILTER,FLUID PN Requested: 59946 NCAGE: U0721, GARDNER DENVER LTD OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	14	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	C	NO	YES
026	NSN: 4330-99-613-2947 Name: FILTER,FLUID PN Requested: 59946 NCAGE: U0721, GARDNER DENVER LTD OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	10	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	C	NO	YES

ANNEX "A" – LINE ITEM DETAILS

Item	Description <i>Further detail provided at Annex C - Long Text Description</i>	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
027	NSN: 4420-01-419-2871 Name: COOLER,FLUID,INDUSTRIAL PN Requested: 5-142-05-024-251 NCAGE: 6LE50,FLUID HANDLING LLC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	AY	14	CFB Halifax Delivery Code 007X Invoice Code W010B	NO	Q	NO	YES
028	NSN: 4420-01-419-2871 Name: COOLER,FLUID,INDUSTRIAL PN Requested: 5-142-05-024-251 NCAGE: 6LE50,FLUID HANDLING LLC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	AY	10	CFB Esquimalt Delivery Code 002E Invoice Code W0103	NO	Q	NO	YES

Solicitation No. - N° de l'invitation
W8482-230510/A
Client Ref. No. - N° de réf. du client
W8482-230510

Amd. No. - N° de la modif.
File No. - N° du dossier
2183G-10041-N002288-611

Buyer ID - Id de l'acheteur
8715100
CCC No./N° CCC - FMS No./N° VME

APPENDIX 1 TO ANNEX A - DELIVERY AND INVOICE CODES

Supply Depot	Delivery Code	Delivery Address	Invoice Code	Invoice Address
CFB HALIFAX	007X	Department of National Defence CFB Halifax Main Warehouse Bldg D206 Door 1 thru 13 HMC Dockyard Halifax, NS B3K 5X5 Canada	W010B	Department of National Defence Maritime Forces Atlantic Accts Payable Bldg. S90, Room 334 2686 Sextant Lane, Stadacona P.O. Box 99000, Stn Forces Halifax NS B3K 5X5 Canada hfxaccountspayable@forces.gc.ca
CFB ESQUIMALT	002E	Department. of National Defence CFB Esquimalt Attn: Receiving Bldg 66 Colwood Victoria, BC V9C 1B0 Canada	W0103	Department. of National Defence Base Logistics Officer CFB Esquimalt Stn Forces P.O. Box 17000 Victoria, BC V9A 7N2 Canada ESQBLOGAcctsPayable@forces.gc.ca

ANNEX "B" - BASIS OF PAYMENT

Item	Description	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	FIRM UNIT PRICE: Customs and duties excluded, applicable taxes extra	EXTENDED PRICE: Applicable taxes extra	Applicable taxes (%)
001	NSN: 2930-99-229-6237 Name: CORE ASSEMBLY,FLUID COOLER	EA	12	CFB Halifax Delivery Code 007X Invoice Code W010B			
002	NSN: 2930-99-229-6237 Name: CORE ASSEMBLY,FLUID COOLER	EA	10	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
003	PSCN: 4420-20-A0Y-3146 Name: CORE ASSEMBLY,FLUID COOLER	EA	2	CFB Halifax Delivery Code 007X Invoice Code W010B			
004	PSCN: 4420-20-A0Y-3146 Name: CORE ASSEMBLY,FLUID COOLER	EA	2	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
005	PSCN: 4420-20-A0Y-3145 Name: BONNET,FLUID COOLER	EA	4	CFB Halifax Delivery Code 007X Invoice Code W010B			
006	PSCN: 4420-20-A0Y-3145 Name: BONNET,FLUID COOLER	EA	4	CFB Esquimalt Delivery Code 002E Invoice Code W0103			

ANNEX "B" - BASIS OF PAYMENT

Item	Description	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	FIRM UNIT PRICE: Customs and duties excluded, applicable taxes extra	EXTENDED PRICE: Applicable taxes extra	Applicable taxes (%)
007	PSCN: 4420-20-A0Y-3144 Name: BONNET,FLUID COOLER	EA	2	CFB Halifax Delivery Code 007X Invoice Code W010B			
008	PSCN: 4420-20-A0Y-3144 Name: BONNET,FLUID COOLER	EA	2	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
009	PSCN: 5330-20-A0Y-3148 Name: GASKET	EA	70	CFB Halifax Delivery Code 007X Invoice Code W010B			
010	PSCN: 5330-20-A0Y-3148 Name: GASKET	EA	50	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
011	PSCN: 5330-20-A0Y-3147 Name: GASKET	EA	70	CFB Halifax Delivery Code 007X Invoice Code W010B			
012	PSCN: 5330-20-A0Y-3147 Name: GASKET	EA	50	CFB Esquimalt Delivery Code 002E Invoice Code W0103			

ANNEX "B" - BASIS OF PAYMENT

Item	Description	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	FIRM UNIT PRICE: Customs and duties excluded, applicable taxes extra	EXTENDED PRICE: Applicable taxes extra	Applicable taxes (%)
013	PSCN: 5307-20-A0Y-3136 Name: STUD	EA	75	CFB Halifax Delivery Code 007X Invoice Code W010B			
014	PSCN: 5307-20-A0Y-3136 Name: STUD	EA	75	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
015	PSCN: 5310-20-A0Y-3135 Name: NUT,HEAVY HEX	EA	150	CFB Halifax Delivery Code 007X Invoice Code W010B			
016	PSCN: 5310-20-A0Y-3135 Name: NUT,HEAVY HEX	EA	150	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
017	NSN: 4720-00-194-8911 Name: HOSE, NONMETALLIC	FT	480	CFB Halifax Delivery Code 007X Invoice Code W010B			
018	NSN: 4720-00-194-8911 Name: HOSE, NONMETALLIC	FT	420	CFB Esquimalt Delivery Code 002E Invoice Code W0103			

ANNEX "B" - BASIS OF PAYMENT

Item	Description	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	FIRM UNIT PRICE: Customs and duties excluded, applicable taxes extra	EXTENDED PRICE: Applicable taxes extra	Applicable taxes (%)
019	NSN: 4730-00-052-4834 Name: ADAPTER,STRAIGHT,TUBE TO HOSE	EA	200	CFB Halifax Delivery Code 007X Invoice Code W010B			
020	NSN: 4730-00-052-4834 Name: ADAPTER,STRAIGHT,TUBE TO HOSE	EA	170	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
021	NSN: 4730-00-504-7509 Name: ELBOW,HOSE	EA	35	CFB Halifax Delivery Code 007X Invoice Code W010B			
022	NSN: 4730-00-504-7509 Name: ELBOW,HOSE	EA	30	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
023	NSN: 9150-20-000-0034 Name: LUBRICATING OIL,AIR COMPRESSOR	CO	14	CFB Halifax Delivery Code 007X Invoice Code W010B			
024	NSN: 9150-20-000-0034 Name: LUBRICATING OIL,AIR COMPRESSOR	CO	10	CFB Esquimalt Delivery Code 002E Invoice Code W0103			

ANNEX "B" - BASIS OF PAYMENT

Item	Description	Unit of Issue	Quantity	Delivery and Invoice Codes <i>Definition can be found at Appendix 1 to Annex A</i>	FIRM UNIT PRICE: Customs and duties excluded, applicable taxes extra	EXTENDED PRICE: Applicable taxes extra	Applicable taxes (%)
025	NSN: 4330-99-613-2947 Name: FILTER,FLUID	EA	14	CFB Halifax Delivery Code 007X Invoice Code W010B			
026	NSN: 4330-99-613-2947 Name: FILTER,FLUID	EA	10	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
027	NSN: 4420-01-419-2871 Name: COOLER,FLUID,INDUSTRIAL	AY	14	CFB Halifax Delivery Code 007X Invoice Code W010B			
028	NSN: 4420-01-419-2871 Name: COOLER,FLUID,INDUSTRIAL	AY	10	CFB Esquimalt Delivery Code 002E Invoice Code W0103			

ANNEX "B" - BASIS OF PAYMENT

	Extended Price	Applicable Taxes (%)	Taxes	Price with Taxes
CFB Halifax				
CFB Esquimalt				
			Subtotal	
			Total Taxes	
			Total (CAD)	

ANNEX "C" - LONG TEXT DESCRIPTION

NSN: 2930-99-229-6237

ITEM NAME: CORE ASSEMBLY, FLUID COOLER

Characteristic	Reply
MATERIAL	TUBES TITANIUM
STYLE DESIGNATOR	STRAIGHT PLAIN TUBE, CYLINDRICAL
CORE WIDTH	7.000 INCHES NOMINAL
SPECIAL FEATURES	27.38IN. LG FLANGE FACE TO FACE; 13.5IN. OD TUBE;150 PSIG DESIGN PRESSURE
PART NAME ASSIGNED BY CONTROLLING AGENCY	AFTERCOOLER

PSCN: 4420-20-A0Y-3146

ITEM NAME: CORE ASSEMBLY, FLUID COOLER

Narrative Description

OVERALL TITANIUM GRADE 2 CORE ASSEMBLY FOR TUBE-IN-SHELL COOLER TUBES SB-338 GR2 R50400 TUBESHEETS SB-265 GR2 R50400 BAFFLES TITANIUM GR2 SHELL SB-861 GR2 R50400 1 INCH NPT COUPLINGS, WELDED ROLLED TUBE/TUBE SHEET JOINT DESIGN PRESSURE 150 PSI BOTH TUBE AND SHELL SIDES

PSCN: 4420-20-A0Y-3145

ITEM NAME: BONNET,FLUID COOLER

Narrative Description

OVERALL TITANIUM SB-265 GR2 R50400 BONNET IN/OUT 1 INCH NPT CONNECTIONS END ITEM IDENTIFICATION: 1510-03-024-009 NCAGE 4DKY8

PSCN: 4420-20-A0Y-3144

ITEM NAME: BONNET, FLUID COOLER

Narrative Description

OVERALL TITANIUM SB-265 GR2 R50400 BONNET BLANK SIDE END ITEM IDENTIFICATION: 1510-03-024-009 NCAGE 4DKY8

PSCN: 5330-20-A0Y-3148

ITEM NAME: GASKET

Narrative Description

COMPRESSED NON-ASBESTOS FIBER GASKET OVERALL MATERIAL TEADIT NA1001 COOLER BONNET GASKET INLET AND OUTLET END ITEM IDENTIFICATION 1510-03-024-009 TENSILE STRENGTH ASTM F38 1670 PSI

PSCN: 5330-20-A0Y-3147

ITEM NAME: GASKET

Narrative Description

COMPRESSED NON-ASBESTOS FIBER GASKET OVERALL MATERIAL TEADIT NA1001 COOLER BONNET GASKET BLANK SIDE END ITEM IDENTIFICATION 1510-03-024-009 TENSILE STRENGTH ASTM F38 1670 PSI

ANNEX "C" - LONG TEXT DESCRIPTION

PSCN: 5307-20-A0Y-3136

ITEM NAME: STUD

Narrative Description

5/8-11 UNC X 4.25 INCH MATERIAL SPEC: ASTM A-193 B8T CL2 STAINLESS STEEL

PSCN: 5310-20-A0Y-3135

ITEM NAME: NUT, HEAVY HEX

Narrative Description

5/8-11 UNC, HEAVY HEX NUT MATERIAL SPEC: ASTM A-194 8T STAINLESS STEEL

NSN: 4720-00-194-8911

ITEM NAME: HOSE, NONMETALLIC

Characteristic	Reply
CROSS-SECTIONAL SHAPE STYLE	ROUND
MEDIA FOR WHICH DESIGNED	SINGLE RESPONSE FUEL/OIL, HYDROCARBON AND WATER
TEMP RATING	SINGLE RESPONSE -40.0 DEG FAHRENHEIT AND 200.0 DEG FAHRENHEIT
MAXIMUM OPERATING PRESSURE	SINGLE RESPONSE 500.0 POUNDS PER SQUARE INCH
HYDROSTATIC TEST PRESSURE	SINGLE RESPONSE 1000.0 POUNDS PER SQUARE INCH
BURST TEST PRESSURE	SINGLE RESPONSE 2000.0 POUNDS PER SQUARE INCH
EXTERIOR COLOR	BLACK
LAYER COMPOSITION AND LOCATION	1ST LAYER BRAIDED TEXTILE YARN
LAYER COMPOSITION AND LOCATION	2ND LAYER BRAIDED TEXTILE YARN
LAYER COMPOSITION AND LOCATION	OUTER LAYER MOLDED RUBBER, SYNTHETIC
MINIMUM INSIDE BENDING RADIUS	7.380 INCHES
INSIDE SURFACE CONDITION	SMOOTH
MATERIAL	TUBE RUBBER SYNTHETIC
INSIDE DIAMETER	0.880 INCHES NOMINAL
OUTSIDE DIAMETER	1.230 INCHES NOMINAL
SPECIFICATION/STANDARD DATA	81349-MIL-H-24136/3 GOVERNMENT SPECIFICATION
NONDEFINITIVE SPEC/STD DATA	16 SIZE

ANNEX "C" - LONG TEXT DESCRIPTION

NSN: 4730-00-052-4834

ITEM NAME: ADAPTER,STRAIGHT,TUBE TO HOSE

Characteristic	Reply
CONNECTION STYLE	1ST END K3 SWIVEL NUT FLARE (TUBE)
CONNECTION STYLE	2ND END M61 GRIPPING NIPPLE (HOSE)
CONNECTION TYPE	1ST END THREADED INTERNAL TUBE
CONNECTION TYPE	2ND END THREADED EXTERNAL HOSE GRIPPING
FURNISHED ITEMS AND QUANTITY	1 HOSE SOCKET
MATERIAL	OVERALL STEEL CORROSION RESISTING
MAXIMUM OPERATING PRESSURE	SINGLE RESPONSE 800.0 POUNDS PER SQUARE INCH
MAXIMUM OPERATING TEMP	SINGLE RESPONSE 300.0 DEG FAHRENHEIT
NOMINAL INSIDE DIAMETER HOSE ACCOMMODATED	2ND END 0.880 INCHES
NOMINAL OUTSIDE DIAMETER HOSE ACCOMMODATED	2ND END 1.230 INCHES
NOMINAL OUTSIDE DIAMETER TUBE ACCOMMODATED	1ST END 1.000 INCHES
NOMINAL OVERALL LENGTH	2.820 INCHES
NOMINAL THREAD SIZE	1ST END 1.312 INCHES
SEAT ANGLE	1ST END 37.0 DEGREES
SURFACE TREATMENT	OVERALL PASSIVATE
THREAD CLASS	1ST END 2B
THREAD QUANTITY PER INCH	1ST END 12
THREAD SERIES DESIGNATOR	1ST END UN

NSN: 4730-00-504-7509

ITEM NAME: ELBOW, HOSE

Characteristic	Reply
MATERIAL	OVERALL COPPER ALLOY
MATERIAL DOCUMENT AND CLASSIFICATION	OVERALL QQ-N-281,CLASS A OR B FED SPEC 1ST MATERIAL RESPONSE AND MIL-T-16420,TYPE 1 MIL SPEC 2ND MATERIAL RESPONSE
MAXIMUM OPERATING PRESSURE	SINGLE RESPONSE 800.0 POUNDS PER SQUARE INCH
MAXIMUM OPERATING TEMP	SINGLE RESPONSE 200.0 DEG FAHRENHEIT
CONNECTION TYPE	ALL ENDS THREADED EXTERNAL HOSE GRIPPING
CONNECTION STYLE	ALL ENDS M61 GRIPPING NIPPLE (HOSE)
NOMINAL INSIDE DIAMETER HOSE ACCOMMODATED	ALL ENDS 0.880 INCHES
NOMINAL OUTSIDE DIAMETER HOSE ACCOMMODATED	ALL ENDS 1.230 INCHES
LEG LENGTH	ALL ENDS 3.930 INCHES NOMINAL
FLOW ANGLE	90.0 DEGREES
FURNISHED ITEMS AND QUANTITY	2 HOSE COUPLING NUT

ANNEX "C" - LONG TEXT DESCRIPTION

NSN: 9150-20-000-0034

ITEM NAME: LUBRICATING OIL, AIR COMPRESSOR

Characteristic	Reply
BASIC INGREDIENT	MINERAL OIL
VISCOSITY AT RATED TEMP	13.88 CST @100.0 DEG C AND 136.84 CST @ 40.0 DEG C
MAXIMUM POUR POINT	-29.0 DEG CELSIUS
MINIMUM FLASH POINT AND TEST METHOD	190.0 DEG CELSIUS CLOSED CUP
SERVICE CHARACTERISTICS	CORROSION RESISTIVE
QUANTITY WITHIN EACH UNIT PACKAGE	20.0 LITERS
SPECIAL FEATURES	NARROW CUT BASE MINERAL OIL WITH A COMPLEX ADDITIVE PACK FOR HIGH PRESSURE AIR COMPRESSORS;SPECIFIC GRAVITY OF 0.89 @ 20 DEG C;COLOUR DARK RED

NSN: 4330-99-613-2947

ITEM NAME: FILTER, FLUID

Characteristic	Reply
STYLE DESIGNATOR	CYLINDRICAL W/ INTEGRAL OUTER CASING
BODY DIAMETER	109.60 MILLIMETERS MINIMUM AND 110.40 MILLIMETERS MAXIMUM
BODY OVERALL LENGTH	226.60 MILLIMETERS MINIMUM AND 227.40 MILLIMETERS MAXIMUM
THREAD SERIES DESIGNATOR	UNF
NOMINAL THREAD SIZE	1.000 INCHES
DESIGN TYPE	NONREUSABLE
FILTERING ELEMENT QUANTITY	1
FILTRATION RATING IN MICRONS	39.0 NOMINAL
MEDIA FOR WHICH DESIGNED	FUEL/OIL, HYDROCARBON
MAXIMUM OPERATING PRESSURE	14.0 BAR
TEMP RATING	-30.0 DEG CELSIUS MINIMUM AND 140.0 DEG CELSIUS MAXIMUM
DROP PRESSURE	0.3 BAR
DIFFERENTIAL PRESSURE	5.0 BAR
FIRST INTAKE CONNECTION TYPE	THREADED INTERNAL TUBE
MOUNTING TYPE	INLET CONNECTION
FILTERING SYSTEM FOR WHICH DESIGNED	BY-PASS FLOW

NSN: 4420-01-419-2871

ITEM NAME: COOLER,FLUID,INDUSTRIAL

Narrative Description

ANNEX “D” to PART 3 OF THE BID SOLICITATION - ELECTRONIC PAYMENT INSTRUMENTS

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

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