



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 :

Bid Receiving – PWGSC / Réception des  
soumissions - TPSGC

tpsgc.dgareceptiondessoumissions-  
abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca

Via ePost \ Postel  
Bid Fax: (819) 997-9776

### Proposal To: National Defence Canada

We hereby offer to sell to His Majesty the King 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 le Roi 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 EDT

On - le : September 19, 2023

<b>Title/Titre</b> GSIN 4820 Non-Powered Valves HFX Class	<b>Solicitation No – N° de l'invitation</b> W8482-241799/A
<b>Date of Solicitation – Date de l'invitation</b> August 18, 2023	
<b>Address Enquiries to – Adresser toutes questions à</b> Christopher Cauchi D Mar P 4-3-4-4 christopher.cauchi@forces.gc.ca	
<b>Telephone No. – N° de téléphone</b>	<b>FAX No – N° de fax</b>
<b>Destination</b> 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

W8482-241799/A

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

6000605234

Amd. No. - N° de la modif.

File No. - N° du dossier

xxxxx.XXXXX-XXXXXX

Buyer ID - Id de l'acheteur

22E

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**

The requirement is subject to the provisions of the following trade agreements: Canadian Free Trade Agreement, Canada-Korea Free Trade Agreement, Canada-Chile Free Trade Agreement, Canada-Colombia Free Trade Agreement, Canada-Honduras Free Trade Agreement, Canada-Panama Free Trade Agreement, Canada-Peru Free Trade Agreement, Comprehensive Economic and Trade Agreement, Canada-Ukraine Free Trade Agreement, the Comprehensive and Progressive Agreement for Trans-Pacific Partnership, Canada-UK Trade Continuity Agreement, and the World Trade Organization Agreement on Government Procurement.

### **1.5 Canada Post Corporation's (CPC) Connect service**

This bid solicitation allows bidders to use the CPC Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

## **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](#) (2023-06-08) 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

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## 2.2 Submission of Bids

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

Note: For bidders choosing to submit using Canada Post Corporation's (CPC) Connect service for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

[tpsgc.pareceptiondessaoumissions-apbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca](mailto:tpsgc.pareceptiondessaoumissions-apbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca)

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open a CPC Connect conversation, as detailed in Standard Instructions [2003](#), or to send bids through a CPC Connect message if the bidder is using its own licensing agreement for CPC Connect service.

## 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**

If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. The CPC Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid  
Section II: Financial Bid  
Section III: Certifications  
Section IV: Additional Information

If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through CPC Connect service, the wording of the electronic copy provided through CPC Connect service will have priority over the wording of the other copies.

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 bid in accordance with the Basis of Payment.

#### **Section III: Certifications**

Bidders must submit the certifications and additional information required under Part 5.

##### **3.1.1 Electronic Payment of Invoices – Bid**

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

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

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

##### **3.1.2 Exchange Rate Fluctuation – C3011T**

The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

## **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.

### 5.2.2 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.

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

For Line Items 020-021, 036-037, 040-041, 045-046:

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](#) (2022-12-01), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract, with the following modifications:

"Canada", "Crown", "His Majesty" or "the Government" means His Majesty the King 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](#) (2022-12-01) 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, 2024.

#### **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: Christopher Cauchi  
Title: Materiel Acquisition and Support Officer  
Directorate: D MAR P 4-3-4-4  
Address: 101 Colonel By Drive  
Ottawa, Ontario, K1A 0K2  
E-mail address: Christopher.cauchi@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 Procurement Authority

Name: Matthew Lengacher  
Title: Materiel Acquisition and Support Officer  
Directorate: D MAR P 4-3-2-8  
Address: 101 Colonel By Drive  
Ottawa, Ontario, K1A 0K2  
E-mail address: matthew.lengacher@forces.gc.ca

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for the implementation of tools and processes required for the administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Procurement Authority however the Procurement Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of Work can only be made through a contract amendment issued by the Contracting Authority.

### 6.5.3 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.

### 6.5.4 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 [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 4-3-2-8  
Email: matthew.lengacher@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 wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- a) The Articles of Agreement;
- b) The general conditions [2010A](#) (2022-12-01), 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 016-017, 042-044 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 016-017, 042-044, is 120 months.

## **6.16 Packaging**

### **6.16.1 Packaging Specification D3013C**

1. Preservation and packaging for items 001-002, must be in accordance with the Canadian Forces packaging specification D-LM-008-001/SF-001, and must be marked to D-LM-008-002/SF-001. Form Level B Pkg Data Form Req'd must be in accordance with D-LM-008-011/SF-001.
2. Packaging data forms previously approved by Canadian authorities are acceptable.
3. Approved coded packaging data is shown immediately below the description of the item to which it applies. Where no data is shown, the Contractor must submit a packaging data form for approval.

### **6.16.2 Packaging Requirement using Specification D-LM-008-036/SF-000**

The Contractor must prepare item numbers 003-046 for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification **D-LM-008-036/SF-000**, DND Minimum Requirements for Manufacturer's Standard Pack.

The Contractor must package item numbers 003-046 in quantities of 1 (EA) by package.

### 6.16.3 Additional Package Markings – Identical

For line items 016 -017, 042-044:

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 Line items 001-039, 042-043, 045-046:

D5545C (2021-05-20) ISO 9001:2015 - Quality Management Systems - Requirements (Quality Assurance Code C)

For Line Items 040-041, 044:

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

D5510C (2023-06-08) 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

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MGen George R. Pearkes Building  
101 Colonel By Drive  
Ottawa, ON K1A OK2  
Attention: D Mar P 4-3-2-8  
Email: [matthew.lengacher@forces.gc.ca](mailto:matthew.lengacher@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 OK2  
E-mail: [ContractAdmin.DQA@forces.gc.ca](mailto: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](mailto: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



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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.

#### **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. Insert the following when the Contractor is located in the United States (U.S.):  
Inbound Logistics Coordination Center (ILCC):  
Telephone: 1-877-447-7701 (toll free)  
Facsimile: 1-877-877-7409 (toll free)  
E-mail: [ILHQOttawa@forces.gc.ca](mailto:ILHQOttawa@forces.gc.ca)  
OR
  - b. Insert the following when the Contractor is located in United Kingdom (UK) and Ireland:  
Inbound Logistics United Kingdom (ILUK):  
Telephone: 011-44-1895-613023, or 011-44-1895-613024, or  
Facsimile: 011-44-1895-613046  
E-mail: [CFSUEDetUKMovements@forces.gc.ca](mailto: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](mailto: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](mailto:ILHQcontract-ILHQcontrat@forces.gc.ca) in carbon copy (cc).  
OR

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- c. Insert the following when the Contractor is located in a country other than Canada, the U.S., the UK and Ireland:  
Inbound Logistics Europe Area (ILEA):  
Telephone: +49-(0)-2203-908-1807 or 2748 or 5304  
Facsimile: +49-(0)-2203-908-2746  
Email: [ILEA@forces.gc.ca](mailto: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](mailto:ILHQcontract-ILHQcontrat@forces.gc.ca) in carbon copy (cc).
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);
  - actual weight and dimensions of each piece type, including gross weight;
  - 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 C11 [Canada Customs Invoice](#) (PDF 429KB) - ([Help on File Formats](#));
  - [Schedule B](#) codes (for exports) and the Harmonized Tariff Schedule codes (for imports);
  - Canada-United States-Mexico Agreement Certification of Origin (in accordance with clause [C2608C](#), section 2) for the U.S. and Mexico only;
  - 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: 4820-01-3295541 Name: VALVE, FLOAT PN Requested: CFF18-H4 NCAGE : 86184 Manufacturer : GRISWOLD INDUSTRIES, CO OR PN Requested : 593081 NCAGE: 08472 Manufacturer: ALLIED-SIGNAL AUTOMOTIVE OF OR EQUIVALENT CANADA INC FRAM CANADA DIV Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	13	CFB Halifax Delivery Code 007X Invoice Code W010B	No	C	No	Yes
002	NSN: 4820-01-3295541 Name: VALVE, FLOAT PN Requested: CFF18-H4 NCAGE : 86184 Manufacturer : GRISWOLD INDUSTRIES, CO OR PN Requested : 593081 NCAGE: 08472 Manufacturer: ALLIED-SIGNAL AUTOMOTIVE OF OR EQUIVALENT CANADA INC FRAM CANADA DIV Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	12	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
003	NSN: 4820-21-9082640 Name: BALL, VALVE, PORTED  PN Requested: 700781-011-779 NCAGE: 81576 Manufacturer: DRESSER CANADA INC VALVE AND CO  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	1	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	C	No	Yes
004	NSN: 4820-21-9082640 Name: BALL, VALVE, PORTED  PN Requested: 700781-011-779 NCAGE: 81576 Manufacturer: DRESSER CANADA INC VALVE AND CO  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
005	NSN: 4820-20-0027116 Name: STEM, FLUID VALVE  PN Requested: 700781-012-779 NCAGE: L0775 Manufacturer: CONTRO VALVE EQUIPMENT INC.  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	1	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	C	No	Yes
006	NSN: 4820-20-0027116 Name: STEM, FLUID VALVE  PN Requested: 700781-012-779 NCAGE: L0775 Manufacturer: CONTRO VALVE EQUIPMENT INC.  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	3	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	NSN: 4820-01-2586878 Name: VALVE, BALL  PN Requested: ST80939 NCAGE: 73124 Manufacturer: HAYWARDINDL. PRODUCTS, INC.  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	1	CFB Esquimalt Delivery Code  002E Invoice Code  W0103	No	C	No	Yes
008	NSN: 4820-01-1630817 Name: ARM, HAND CRANK  PN Requested: 700468 NCAGE: 07524 Manufacturer: DOVER PUMPS & PROCESS SOLUTIONS SEGMENT, INC. OR PN Requested : IM012-61-37 NCAGE : 00198 Manufacturer : PRATT & WHITNEY CANADA CIE OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	1	CFB Halifax Delivery Code  007X Invoice Code  W010B	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	NSN: 4820-01-1630817 Name: ARM, HAND CRANK  PN Requested: 700468 NCAGE: 07524 Manufacturer: DOVER PUMPS & PROCESS SOLUTIONS SEGMENT, INC. OR PN Requested: IM012-61-37 NCAGE: 00198 Manufacturer: PRATT & WHITNEY CANADA CIE 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
010	NSN: 4820-21-9082728 Name: PARTS KIT, BALL VALVE  PN Requested: 25AF RK51 TG CPF C NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  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

**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	NSN: 4820-21-9082728 Name: PARTS KIT, BALL VALVE  PN Requested: 25AF RK51 TG CPF C NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	1	CFB Esquimalt Delivery Code  002E Invoice Code  W0103	No	C	No	Yes
012	NSN: 4820-21-9082418 Name: DISK, VALVE  PN Requested: 6633-008-062-S NCAGE: 35743 Manufacturer: VELAN INC. OR PN Requested : 6633-008-068 NCAGE : 57574 Manufacturer : VELAN VALVE CORP. OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	3	CFB Halifax Delivery Code  007X Invoice Code  W010B	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	NSN: 4820-21-9082418 Name: DISK, VALVE  PN Requested: 6633-008-062-S NCAGE: 35743 Manufacturer: VELAN INC. OR PN Requested : 6633-008-068 NCAGE : 57574 Manufacturer : VELAN VALVE CORP. OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	8	CFB Esquimalt Delivery Code  002E Invoice Code  W0103	No	C	No	Yes
014	NSN: 4820-20-0027117 Name: PARTS KIT, BALL VALVE  PN Requested: 770387-275-888 NCAGE: L0775 Manufacturer: CONTRO VALVE EQUIPMENT INC. OR PN Requested : U015BS0100-70 NCAGE : L2421 Manufacturer : NEWMAN HATTERSLEY CANADA LTDS OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	6	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	C	No	Yes

**ANNEX A - LINE ITEM DETAILS**

Item	<p align="center"><b>Description</b></p> <p align="center"><i>Further detail provided at Annex C - Long Text Description</i></p>	Unit of Issue	Quantity	<p align="center"><b>Delivery and Invoice Codes</b></p> <p align="center"><i>Definition can be found at Appendix 1 to Annex A</i></p>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
015	NSN: 4820-20-0027117 Name: PARTS KIT, BALL VALVE  PN Requested: 770387-275-888 NCAGE: L0775 Manufacturer: CONTRO VALVE EQUIPMENT INC. OR PN Requested : U015BS0100-70 NCAGE : L2421 Manufacturer : NEWMAN HATTERSLEY CANADA OR EQUIVALENT LTD SPECIALTY VALVE DIVISION Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	19	CFB Esquimalt Delivery Code  002E Invoice Code  W0103	No	C	No	Yes
016	NSN: 4820-01-4784389 Name: PARTS KIT, CONTROL VALVE  PN Requested: 4375-02 NCAGE: 0LX27 Manufacturer: WATTS AUTOMATIC CONTROL OR VALVE INC. PN Requested : 4375-02 NCAGE : L0272 Manufacturer : VELCON CANADA INC. OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	16	CFB Halifax Delivery Code  007X Invoice Code  W010B	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
017	NSN: 4820-01-4784389 Name: PARTS KIT, CONTROL VALVE  PN Requested: 4375-02 NCAGE: 0LX27 Manufacturer: WATTS AUTOMATIC CONTROL VALVE INC. OR PN Requested: 4375-02 NCAGE: L0272 Manufacturer: VELCON CANADA INC. OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	10	CFB Esquimalt Delivery Code  002E Invoice Code  W0103	No	C	No	Yes
018	NSN: 4820-21-9209105 Name: PARTS KIT, BALL VALVE  PN Requested: 25T MNK51 TT V1 CPF NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	2	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	C	No	Yes

**ANNEX A - LINE ITEM DETAILS**

Item	<p align="center"><b>Description</b></p> <p align="center"><i>Further detail provided at Annex C - Long Text Description</i></p>	Unit of Issue	Quantity	<p align="center"><b>Delivery and Invoice Codes</b></p> <p align="center"><i>Definition can be found at Appendix 1 to Annex A</i></p>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
019	NSN: 4820-21-9209105 Name: PARTS KIT, BALL VALVE  PN Requested: 25T MNK51 TT V1 CPF NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	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
020	NSN: 4820-21-9081097 Name: VALVE, STOP-CHECK PN Requested: W05-0084B-14AA NCAGE: 35743 Manufacturer: VELAN 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
021	NSN: 4820-21-9081097 Name: VALVE, STOP-CHECK PN Requested: W05-0084B-14AA NCAGE: 35743 Manufacturer: VELAN 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
022	NSN: 4820-21-9209102 Name: PARTS KIT, BALL VALVE  PN Requested: 25T RK51 TT V1 CPF C NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	1	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	C	No	Yes
023	NSN: 4820-21-9209102 Name: PARTS KIT, BALL VALVE  PN Requested: 25T RK51 TT V1 CPF C NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	1	CFB Esquimalt Delivery Code  002E Invoice Code  W0103	No	C	No	Yes



**ANNEX A - LINE ITEM DETAILS**

Item	<p align="center"><b>Description</b></p> <p align="center"><i>Further detail provided at Annex C - Long Text Description</i></p>	Unit of Issue	Quantity	<p align="center"><b>Delivery and Invoice Codes</b></p> <p align="center"><i>Definition can be found at Appendix 1 to Annex A</i></p>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
024	NSN: 4820-21-9148537 Name: PARTS KIT, ISOLATOR VALVE  PN Requested: P98616.1CV NCAGE: 81576 Manufacturer: DRESSER CANADA INC VALVE AND CONTROLS CANADIAN OPN  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	5	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	C	No	Yes
025	NSN: 4820-21-9148537 Name: PARTS KIT, ISOLATOR VALVE  PN Requested: P98616.1CV NCAGE: 81576 Manufacturer: DRESSER CANADA INC VALVE AND CONTROLS CANADIAN OPN  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	15	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
026	NSN: 4820-21-9082733 Name: PARTS KIT, BALL VALVE  PN Requested: 60AF MNK51 TG CPF NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	2	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	C	No	Yes
027	NSN: 4820-21-9082733 Name: PARTS KIT, BALL VALVE  PN Requested: 60AF MNK51 TG CPF NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	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
028	NSN: 4820-21-9082729 Name: PARTS KIT, BALL VALVE  PN Requested: 40AF MNK51 TG CPF NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  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
029	NSN: 4820-21-9082729 Name: PARTS KIT, BALL VALVE  PN Requested: 40AF MNK51 TG CPF NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  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
030	NSN: 4820-21-9082573 Name: VALVE, CHECK  PN Requested: F08-0114C-02TS NCAGE: 57574 Manufacturer: VELAN VALVE CORP.  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
031	NSN: 4820-21-9082573 Name: VALVE, CHECK  PN Requested: F08-0114C-02TS NCAGE: 57574 Manufacturer: VELAN VALVE CORP.  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	3	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
032	NSN: 4820-21-9082434 Name: PARTS KIT, BALL VALVE  PN Requested: 05AFH MNK44 TS CPF NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS OR PN Requested : 05AFHMNK44TS NCAGE : L0775 Manufacturer : CONTRO VALVE EQUIPMENT INC. OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	15	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	C	No	Yes
033	NSN: 4820-21-9082434 Name: PARTS KIT, BALL VALVE  PN Requested: 05AFH MNK44 TS CPF NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS OR PN Requested : 05AFHMNK44TS NCAGE : L0775 Manufacturer : CONTRO VALVE EQUIPMENT INC. OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	15	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
034	NSN: 4820-21-9082433 Name: PARTS KIT, BALL VALVE  PN Requested: 10AFH MNK44 TS CPF NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  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
035	NSN: 4820-21-9082433 Name: PARTS KIT, BALL VALVE  PN Requested: 10AFH MNK44 TS CPF NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  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
036	NSN: 4820-21-9082421 Name: DISK, VALVE  PN Requested: 6636-008-068 NCAGE: 35743 Manufacturer: VELAN INC. OR PN Requested : 6636-8-68 NCAGE : 35743 Manufacturer : VELAN INC. OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	1	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	C	No	Yes
037	NSN: 4820-21-9082421 Name: DISK, VALVE  PN Requested: 6636-008-068 NCAGE: 35743 Manufacturer: VELAN INC. OR PN Requested : 6636-8-68 NCAGE : 35743 Manufacturer : VELAN 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
038	NSN: 4820-21-9082414 Name: PARTS KIT, BALL VALVE PN Requested: 30AF RK51 TG CPF C NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  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
039	NSN: 4820-21-9082414 Name: PARTS KIT, BALL VALVE PN Requested: 30AF RK51 TG CPF C NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	1	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
040	NSN: 4820-21-9060525 Name: VALVE, GATE  PN Requested: W03-0054B-14MS NCAGE: 35743 Manufacturer: VELAN INC.  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	8	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	Q	No	Yes
041	NSN: 4820-21-9060525 Name: VALVE, GATE  PN Requested: W03-0054B-14MS NCAGE: 35743 Manufacturer: VELAN INC.  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	1	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
042	NSN: 4820-01-4792447 Name: PARTS KIT, VALVE  PN Requested: 3313-06 NCAGE: 0LX27 Manufacturer: WATTS AUTOMATIC VONTROL OR VALVE INC. OR PN Requested : 3313-06 NCAGE : L0272 Manufacturer : VELCON CANADA INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	5	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	C	No	Yes
043	NSN: 4820-01-4792447 Name: PARTS KIT, VALVE  PN Requested: 3313-06 NCAGE: 0LX27 Manufacturer: WATTS AUTOMATIC VONTROL OR VALVE INC. OR PN Requested : 3313-06 NCAGE : L0272 Manufacturer : VELCON CANADA INC. OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	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
044	NSN: 4820-01-4792446 Name: PARTS KIT, VALVE  PN Requested: 5346-02 NCAGE: 0LX27 Manufacturer: WATTS AUTOMATIC VONTROL VALVE INC. OR PN Requested : 5346-02 NCAGE : L0272 Manufacturer : VELCON CANADA INC. OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	KT	7	CFB Esquimalt Delivery Code  002E Invoice Code  W0103	No	Q	No	Yes
045	NSN: 4820-21-9094835 Name: PARTS KIT, BALL VALVE  PN Requested: 07AFH44-6666TS-SW-S1-LD-KV7145 NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	1	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	C	No	Yes

**ANNEX A - LINE ITEM DETAILS**

Item	<p align="center"><b>Description</b></p> <p align="center"><i>Further detail provided at Annex C - Long Text Description</i></p>	Unit of Issue	Quantity	<p align="center"><b>Delivery and Invoice Codes</b></p> <p align="center"><i>Definition can be found at Appendix 1 to Annex A</i></p>	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
046	NSN: 4820-21-9094835 Name: PARTS KIT, BALL VALVE  PN Requested: 07AFH44-6666TS-SW-S1-LD-KV7145 NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	1	CFB Esquimalt Delivery Code  002E Invoice Code  W0103	No	C	No	Yes

Solicitation No. - N° de l'invitation  
W8482-241799/A  
Client Ref. No. - N° de réf. du client  
6000605234

Amd. No. - N° de la modif.  
File No. - N° du dossier  
xxxxx.XXXXX-XXXXXX

Buyer ID - Id de l'acheteur  
22E  
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: 4820-01-3295541 Name: VALVE, FLOAT	EA	13	CFB Halifax Delivery Code 007X Invoice Code W010B			
002	NSN: 4820-01-3295541 Name: VALVE, FLOAT	EA	12	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
003	NSN: 4820-21-9082640 Name: BALL, VALVE, PORTED	EA	1	CFB Halifax Delivery Code 007X Invoice Code W010B			
004	NSN: 4820-21-9082640 Name: BALL, VALVE, PORTED	EA	2	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
005	NSN: 4820-20-0027116 Name: STEM, FLUID VALVE	EA	1	CFB Halifax Delivery Code 007X Invoice Code W010B			
006	NSN: 4820-20-0027116 Name: STEM, FLUID VALVE	EA	3	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	NSN: 4820-01-2586878 Name: VALVE, BALL	EA	1	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
008	NSN: 4820-01-1630817 Name: ARM, HAND CRANK	EA	1	CFB Halifax Delivery Code 007X Invoice Code W010B			
009	NSN: 4820-01-1630817 Name: ARM, HAND CRANK	EA	2	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
010	NSN: 4820-21-9082728 Name: PARTS KIT, BALL VALVE	EA	2	CFB Halifax Delivery Code 007X Invoice Code W010B			
011	NSN: 4820-21-9082728 Name: PARTS KIT, BALL VALVE	EA	1	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
012	NSN: 4820-21-9082418 Name: DISK, VALVE	EA	3	CFB Halifax Delivery Code 007X Invoice Code W010B			

**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	NSN: 4820-21-9082418 Name: DISK, VALVE	EA	8	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
014	NSN: 4820-20-0027117 Name: PARTS KIT, BALL VALVE	KT	6	CFB Halifax Delivery Code 007X Invoice Code W010B			
015	NSN: 4820-20-0027117 Name: PARTS KIT, BALL VALVE	KT	19	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
016	NSN: 4820-01-4784389 Name: PARTS KIT, CONTROL VALVE	KT	16	CFB Halifax Delivery Code 007X Invoice Code W010B			
017	NSN: 4820-01-4784389 Name: PARTS KIT, CONTROL VALVE	KT	10	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
018	NSN: 4820-21-9209105 Name: PARTS KIT, BALL VALVE	KT	2	CFB Halifax Delivery Code 007X Invoice Code W010B			
019	NSN: 4820-21-9209105 Name: PARTS KIT, BALL VALVE	KT	2	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 (%)
020	NSN: 4820-21-9081097 Name: VALVE, STOP-CHECK	EA	2	CFB Halifax Delivery Code 007X Invoice Code W010B			
021	NSN: 4820-21-9081097 Name: VALVE, STOP-CHECK	EA	2	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
022	NSN: 4820-21-9209102 Name: PARTS KIT, BALL VALVE	KT	1	CFB Halifax Delivery Code 007X Invoice Code W010B			
023	NSN: 4820-21-9209102 Name: PARTS KIT, BALL VALVE	KT	1	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
024	NSN: 4820-21-9148537 Name: PARTS KIT, ISOLATOR VALVE	EA	5	CFB Halifax Delivery Code 007X Invoice Code W010B			
025	NSN: 4820-21-9148537 Name: PARTS KIT, ISOLATOR VALVE	EA	15	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 (%)
026	NSN: 4820-21-9082733 Name: PARTS KIT, BALL VALVE	KT	2	CFB Halifax Delivery Code 007X Invoice Code W010B			
027	NSN: 4820-21-9082733 Name: PARTS KIT, BALL VALVE	KT	2	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
028	NSN: 4820-21-9082729 Name: PARTS KIT, BALL VALVE	EA	2	CFB Halifax Delivery Code 007X Invoice Code W010B			
029	NSN: 4820-21-9082729 Name: PARTS KIT, BALL VALVE	EA	2	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
030	NSN: 4820-21-9082573 Name: VALVE, CHECK	EA	4	CFB Halifax Delivery Code 007X Invoice Code W010B			
031	NSN: 4820-21-9082573 Name: VALVE, CHECK	EA	3	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 (%)
032	NSN: 4820-21-9082434 Name: PARTS KIT, BALL VALVE	EA	15	CFB Halifax Delivery Code 007X Invoice Code W010B			
033	NSN: 4820-21-9082434 Name: PARTS KIT, BALL VALVE	EA	15	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
034	NSN: 4820-21-9082433 Name: PARTS KIT, BALL VALVE	EA	4	CFB Halifax Delivery Code 007X Invoice Code W010B			
035	NSN: 4820-21-9082433 Name: PARTS KIT, BALL VALVE	EA	2	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
036	NSN: 4820-21-9082421 Name: DISK, VALVE	EA	1	CFB Halifax Delivery Code 007X Invoice Code W010B			
037	NSN: 4820-21-9082421 Name: DISK, VALVE	EA	2	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 (%)
038	NSN: 4820-21-9082414 Name: PARTS KIT, BALL VALVE	EA	2	CFB Halifax Delivery Code 007X Invoice Code W010B			
038	NSN: 4820-21-9082414 Name: PARTS KIT, BALL VALVE	EA	1	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
040	NSN: 4820-21-9060525 Name: VALVE, GATE	EA	8	CFB Halifax Delivery Code 007X Invoice Code W010B			
041	NSN: 4820-21-9060525 Name: VALVE, GATE	EA	1	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
042	NSN: 4820-01-4792447 Name: PARTS KIT, VALVE	KT	10	CFB Halifax Delivery Code 007X Invoice Code W010B			
043	NSN: 4820-01-4792447 Name: PARTS KIT, VALVE	KT	7	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 (%)
044	NSN: 4820-014792446 Name: PARTS KIT, VALVE	KT	7	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
045	NSN: 4820-21-904835 Name: PARTS KIT, BALL VALVE	EA	1	CFB Halifax Delivery Code 007X Invoice Code W010B			
046	NSN: 4820-21-904835 Name: PARTS KIT, BALL VALVE	EA	1	CFB Esquimalt Delivery Code 002E Invoice Code W0103			

**ANNEX B - BASIS OF PAYMENT**

	<b>Extended Price</b>	<b>Applicable Taxes (%)</b>	<b>Taxes</b>	<b>Price with Taxes</b>
<b>CFB Halifax</b>				
<b>CFB Esquimalt</b>				
			<b>Subtotal</b>	
			<b>Total Taxes</b>	
			<b>Total (CAD)</b>	

## ANNEX "C" - LONG TEXT DESCRIPTION

**Line Item 003-004**  
**NSN:** 21-9082640  
**ITEM NAME:** BALL,VALVE,PORTED

Characteristic	Reply
<b>END ITEM IDENTIFICATION</b>	DRESSER BALL VALVES PART NUMBER 770387-030-888 AND PART NUMBER 770387-032-888
<b>SPECIAL FEATURES</b>	SHOCK TESTED AS PER SPECIFICATION D-03-003-007/SF-000 GRADE 1 TYPE A

**Line Item 005-006**  
**NSN:** 20-0027116  
**ITEM NAME:** STEM,FLUID VALVE

Characteristic	Reply
<b>MATERIAL</b>	STEEL STAINLESS
<b>VALVE MODEL NUMBER FOR WHICH DESIGNED</b>	P/N 770387-030-888, NSN 4820-21-908-2779
<b>VALVE SIZE FOR WHICH DESIGNED</b>	15.0 MILLIMETERS
<b>VALVE TYPE FOR WHICH DESIGNED</b>	BALL

**Line Item 007**  
**NSN:** 01-2586878  
**ITEM NAME:** VALVE, BALL

Characteristic	Reply
<b>CONNECTION STYLE</b>	ALL ENDS G46B PLAIN
<b>CONNECTION TYPE</b>	ALL ENDS THREADED EXTERNAL PIPE
<b>MATERIAL</b>	OVERALL COPPER ALLOY OR STEEL COMP 316
<b>NOMINAL THREAD SIZE</b>	ALL ENDS 0.250 INCHES
<b>STYLE DESIGNATOR</b>	A1 STRAIGHT THRU
<b>THREAD DIRECTION</b>	ALL ENDS RIGHT-HAND
<b>THREAD SERIES DESIGNATOR</b>	ALL ENDS NPT
<b>VALVE OPERATION METHOD</b>	MANUAL

**Line Item 008-009**  
**NSN:** 01-1630817  
**ITEM NAME:** ARM,HAND CRANK

Narrative Description
BRASS QQ-B-626;CLOCKWISE CRANK ROTATION

**Line Item 010-011**  
**NSN:** 21-9082728  
**ITEM NAME:** PARTS KIT,BALL VALVE

Characteristic	Reply
<b>COMPONENT QUANTITY</b>	12
<b>END ITEM IDENTIFICATION</b>	REPAIR KIT APPLICABLE TO 3 1/2 IN BALL VALVE P/N 25AF514466TG 150 S1
<b>NONSUPPLY ITEMS AND QUANTITIES</b>	NSCM 38003;BALL,P/N 26235,EA 1;STEM,P/N 24061,EA 1;SEAT,P/N 23915,EA 2;BODY SEAL,P/N 24095,EA 1;THRUST BEARING,P/N 26239,EA 1;STEM SEAL,P/N 30631,EA 1;HEXAGON JAM NUT,P/N 26245,EA

1;HEXAGON CAP SCREW,P/N 26247,EA  
1;INSERT SCREW,P/N 26249,QTY "P";BODY  
SEAL,P/N 23917,EA 1;INSTRUCTION  
BULLETIN,P/N 28600,EA 1

**Line Item 012-013**  
**NSN:** 21-9082418  
**ITEM NAME:** DISK, VALVE

Characteristic	Reply
<b>END ITEM IDENTIFICATION</b>	APPLICABLE TO A 0.500 INCH CHECK VALVE
<b>MATERIAL</b>	STEEL STAINLESS
<b>SPECIAL FEATURES</b>	FACE STELLITED

**Line Item 014-015**  
**NSN:** 20-0027117  
**ITEM NAME:** PARTS KIT,BALL VALVE

Characteristic	Reply
<b>COMPONENT QUANTITY</b>	7
<b>END ITEM NAME</b>	15 MM BALL VALVE NSN 4820-21-908-2779
<b>SUPPLY ITEMS AND QUANTITIES</b>	SEAT P.T.F.E. QTY2, STEM PACKING P.T.F.E. QTY 2, STEM SEAL GRAPHITE QTY 1, BODY SEAL GRAPHITE QTY 2.

**Line Item 016-017**  
**NSN:** 01-478-4389  
**ITEM NAME:** PARTS KIT, PILOT CONTROL VALVE

Characteristic	Reply
<b>COMPONENT DOCUMENT ORIGIN</b>	INDUSTRIAL
<b>COMPONENT QUANTITY</b>	7
<b>DOCUMENT SOURCE</b>	0LX27
<b>PART NAME ASSIGNED BY CONTROLLING AGENCY</b>	WATTS FIGURE 16 PILOT REPAIR

**Line Item 018-019**  
**NSN:** 21-9209105  
**ITEM NAME:** PARTS KIT,BALL VALVE

Characteristic	Reply
<b>COMPONENT DOCUMENT ORIGIN</b>	INDUSTRIAL
<b>COMPONENT QUANTITY</b>	9
<b>DOCUMENT SOURCE</b>	38003
<b>DOCUMENT TYPE</b>	MFR DRAWING
<b>END ITEM IDENTIFICATION</b>	4820-21-908-1171
<b>END ITEM NAME</b>	VALVE, BALL
<b>END ITEM SOURCE</b>	38003
<b>NONSUPPLY ITEMS AND QUANTITIES</b>	38003 26483 SEAT 2, 38003 23917 BODY SEAL 1, 38003 26239 THRUST BEARING 1, 38003 26241 STEM SEAL 1, 38003 26247 WRENCH HEAD SCREW 1, 38003 23725 O-RING 2, 38003 30500 INSTRUCTION BULLETIN 1
<b>PART NAME ASSIGNED BY CONTROLLING AGENCY</b>	MAINTENANCE KIT



**Line Item 020-021**  
**NSN: 21-9081097**  
**ITEM NAME: VALVE, STOP-CHECK**

Characteristic	Reply
<b>BONNET ATTACHMENT METHOD</b>	BOLTED
<b>BONNET TYPE</b>	OUTSIDE SCREW-YOKE
<b>CONNECTION TYPE</b>	ALL ENDS UNTHREADED INTERNAL PIPE
<b>FLOW CONTROL DEVICE</b>	DISK
<b>MATERIAL</b>	BODY STEEL STAINLESS (USE STB000)
<b>MATERIAL</b>	FLOW CONTROL DEVICE STEEL STAINLESS (USE STB000)
<b>MATERIAL</b>	SEAT STEEL STAINLESS (USE STB000)
<b>MATERIAL</b>	STEM STEEL STAINLESS (USE STB000)
<b>MAXIMUM OPERATING PRESSURE</b>	SINGLE RESPONSE 150.0 POUNDS PER SQUARE INCH
<b>MEDIA FOR WHICH DESIGNED</b>	SINGLE RESPONSE STEAM
<b>NOMINAL PIPE SIZE ACCOMMODATED</b>	ALL ENDS 1.0 INCHES
<b>SPECIAL FEATURES</b>	SEAT FACE IS STELLITED
<b>VALVE OPERATION METHOD</b>	MANUAL

**Line Item 022-023**  
**NSN: 21-9209102**  
**ITEM NAME: PARTS KIT,BALL VALVE**

Characteristic	Reply
<b>COMPONENT DOCUMENT ORIGIN</b>	INDUSTRIAL
<b>COMPONENT QUANTITY</b>	12
<b>DOCUMENT SOURCE</b>	38003
<b>DOCUMENT TYPE</b>	MFR DRAWING
<b>END ITEM IDENTIFICATION</b>	4820-21-908-1171
<b>END ITEM NAME</b>	VALVE, BALL
<b>END ITEM SOURCE</b>	38003
<b>NONSUPPLY ITEMS AND QUANTITIES</b>	38003 26407 BALL 1, 38003 24061 STEM 1, 38003 26483 SEAT 2, 38003 23917 BODY SEAL 1, 38003 26239 THRUST BEARING 1, 38003 26241 STEM SEAL 1, 38003 26245 HEX JAM NUT 1, 38003 26247 WRENCH HEAD SCREW 1, 38003 23725 O-RING 2, 38003 30500 INSTRUCTION BULLETIN 1
<b>PART NAME ASSIGNED BY CONTROLLING AGENCY</b>	REPAIR KIT

**Line Item 024-025**  
**NSN: 21-9148537**  
**ITEM NAME: PARTS KIT, ISOLATOR VALVE**

Characteristic	Reply
<b>END ITEM IDENTIFICATION</b>	4820-21-909-4421
<b>GENERAL CHARACTERISTICS</b>	COMPONENT QUANTITY 7; CONSISTS OF OUTER O-SEAL 1, NEEDLE VALVE WITH O-RING 1, ADAPTER WITH FILTER 2, DIAPHRAGM RETAINER RING ASSEMBLY 1, HAVAR DIAPHRAGM 1, SEAL RING 1
<b>ITEM DESCRIPTION</b>	

**Line Item 026-027**  
**NSN: 21-9082733**  
**ITEM NAME: PARTS KIT, BALL VALVE**

Characteristic	Reply
<b>COMPONENT QUANTITY</b>	8
<b>END ITEM IDENTIFICATION</b>	MAINT KIT APPLICABLE TO 6.0 IN.BALL VALVE P/N 60AF51 4466TG 150 S1
<b>NONSUPPLY ITEMS AND QUANTITIES</b>	NSCM 38003;SEAT,P/N 26313,EA 2;BODY SEAL,P/N 26315,EA 1,THRUST BEARING,P/N 26317,EA 1;STEM SEAL,P/N 26319,EA 1;HEXAGON CAP SCREW,P/N 26335,EA 1;BODY SEAL,P/N 23462,EA 1;INSTRUCTION BULLETIN,P/N 28600,EA 1

**Line Item 028-029**  
**NSN: 21-9082729**  
**ITEM NAME: PARTS KIT, BALL VALVE**

Characteristic	Reply
<b>COMPONENT QUANTITY</b>	8
<b>END ITEM IDENTIFICATION</b>	MAINT KIT APPLICABLE TO A 4.0 BALL VALVE P/N 40AF51 4466TG 150 S1
<b>NONSUPPLY ITEMS AND QUANTITIES</b>	NSCM 38003;SEAT,P/N 26301,EA 2;BODY SEAL,P/N 26303,EA 1;THRUST BEARING,P/N 26267,EA 1;STEM SEAL P/N 26269,EA 1;HEXAGON NUT,P/N 26275,EA 1;BODY SEAL,P/N 24164,EA 1;INSTRUCTION BULLETIN,P/N 28600,1 EA

**Line Item 030-031**  
**NSN: 21-9082573**  
**ITEM NAME: VALVE, CHECK**

Characteristic	Reply
<b>BOLT CIRCLE NOMINAL DIAMETER</b>	ALL ENDS 4.75 INCHES
<b>BOLT HOLE NOMINAL DIAMETER</b>	ALL ENDS 0.75 INCHES
<b>BOLT HOLE QUANTITY</b>	ALL ENDS 4
<b>CONNECTION TYPE</b>	ALL ENDS FLANGE
<b>FACE TO FACE DISTANCE</b>	8.0 INCHES
<b>FLANGE FACE DESIGN</b>	ALL ENDS RAISED STRAIGHT
<b>FLANGE SHAPE</b>	ALL ENDS ROUND WITH HOLES
<b>FLOW CONTROL DEVICE</b>	DISK
<b>MATERIAL</b>	BODY STEEL
<b>MATERIAL</b>	FLOW CONTROL DEVICE STEEL CORROSION RESISTING
<b>MATERIAL</b>	SEAT STEEL CORROSION RESISTING
<b>MAXIMUM OPERATING PRESSURE</b>	SINGLE RESPONSE 150.0 POUNDS PER SQUARE INCH
<b>MOUNTING POSITION</b>	HORIZONTAL
<b>NOMINAL OUTSIDE DIAMETER</b>	ALL ENDS 6.0 INCHES
<b>NOMINAL THICKNESS</b>	ALL ENDS 0.75 INCHES
<b>RAISED FACE NOMINAL DIAMETER</b>	ALL ENDS 3.62 INCHES
<b>RAISED FACE NOMINAL HEIGHT</b>	ALL ENDS 0.06 INCHES
<b>SPECIAL FEATURES</b>	DISK AND SEAT ARE STELLITED
<b>VALVE OPERATION METHOD</b>	AUTOMATIC
<b>VALVE SIZE</b>	2.0 INCHES

**Line Item 032-033**

**NSN:** 21-9082434

**ITEM NAME:** PARTS KIT, BALL VALVE

Characteristic	Reply
<b>COMPONENT QUANTITY</b>	9
<b>END ITEM IDENTIFICATION</b>	APPLICABLE TO A 0.250 OR 0.500 INCH BALLVALVE PART NUMBER AFH 44 6666TS SW S1
<b>END ITEM NAME</b>	BALL VALVE
<b>END ITEM SOURCE</b>	38003
<b>NONSUPPLY ITEMS AND QUANTITIES</b>	38003,26067,SEAT,2;38003,26069,BODY SEAL,1;38003,26071,THRUST BEARING,1;3803,26073,STEM SEAL,1;38003,26077,BELLEVILLE WASHER,2;38003,26079,HEXAGON NUT,1

**Line Item 034-035**

**NSN:** 21-9082433

**ITEM NAME:** PARTS KIT, BALL VALVE

Characteristic	Reply
<b>COMPONENT DOCUMENT PAGE NUMBER</b>	2
<b>COMPONENT QUANTITY</b>	9
<b>DOCUMENT IDENTIFICATION</b>	KD-007
<b>DOCUMENT SOURCE</b>	38003
<b>DOCUMENT TYPE</b>	ENGINEERING DRAWING
<b>END ITEM IDENTIFICATION</b>	AFH 44 6666TS SW S1 KV 7038
<b>END ITEM NAME</b>	VALVE,BALL
<b>END ITEM SOURCE</b>	38003
<b>NONSUPPLY ITEMS AND QUANTITIES</b>	38003 26117 SEAT 2,38003 26119 BODY SEAL 2,38003 26123 THRUST BEARING 1,3803 26125 STEM SEAL 1738003 26129 BELLEVILLE WASHER 2,38003 26131 HEXAGON NUT 1

**Line Item 036-037**

**NSN:** 21-9082421

**ITEM NAME:** DISK, VALVE

Characteristic	Reply
<b>END ITEM IDENTIFICATION</b>	VELAN CHECK VALVE,W07-0034B-14MS
<b>FLANGE DIAMETER</b>	1.67 INCHES MINIMUM AND 1.682 INCHES MAXIMUM
<b>MATERIAL</b>	ASTM A479 (316)
<b>MATERIAL</b>	STEEL STAINLESS
<b>OVERALL HEIGHT</b>	1.281 INCHES NOMINAL
<b>SHANK DIAMETER</b>	1.67 INCHES MINIMUM AND 1.682 INCHES MAXIMUM
<b>SPECIAL FEATURES</b>	HARDFACED WITH STELLITE
<b>STYLE DESIGNATOR</b>	POPPET

**Line Item 038-039**

**NSN:** 21-9082414

**ITEM NAME:** PARTS KIT, BALL VALVE

Characteristic	Reply
<b>COMPONENT QUANTITY</b>	9
<b>END ITEM IDENTIFICATION</b>	4820-21-908-1106
<b>END ITEM NAME</b>	BALL VALVE
<b>END ITEM SOURCE</b>	38003
<b>NONSUPPLY ITEMS AND QUANTITIES</b>	38003 36259 BALL 1, 38003 26261 STEM 1, 38003 26263 SEAT 2, 38003 26265 BODY SEAL 1, 38003 26267 THRUST BEARING 1, 38003 26269 STEM SEAL 1, 38003 22030 BODY SEAL 1, 38003 28600 INSTRUCTION BULLETIN 1

**Line Item 040-041**

**NSN:** 21-9060525

**ITEM NAME:** VALVE, GATE

Characteristic	Reply
<b>BODY MATERIAL DOCUMENT AND CLASSIFICATION</b>	AISI 316 ASSN STD SINGLE MATERIAL RESPONSE
<b>BONNET ATTACHMENT METHOD</b>	BOLTED
<b>BONNET TYPE</b>	OUTSIDE SCREW-YOKE
<b>CONNECTION TYPE</b>	SOCKET, WELD, PIPE
<b>DISK MATERIAL DOCUMENT AND CLASSIFICATION</b>	AISI 316 ASSN STD SINGLE MATERIAL RESPONSE
<b>INLET RELATIONSHIP WITH OUTLET</b>	IDENTICAL
<b>NOMINAL PIPE SIZE ACCOMMODATED</b>	0.5 INCHES
<b>PRESSURE CLASS</b>	150.0 POUNDS
<b>SEAT MATERIAL DOCUMENT AND CLASSIFICATION</b>	AISI 316 ASSN STD SINGLE MATERIAL RESPONSE
<b>STEM MATERIAL DOCUMENT AND CLASSIFICATION</b>	AISI 316 ASSN STD SINGLE MATERIAL RESPONSE
<b>STEM TYPE</b>	RISING
<b>VALVE OPERATION METHOD</b>	MANUAL
<b>VALVE SIZE</b>	0.5 INCHES

**Line Item 042-043**

**NSN:** 01-4792447

**ITEM NAME:** PARTS KIT, VALVE

Characteristic	Reply
<b>NONSUPPLY ITEMS AND QUANTITIES</b>	0LX27 013-112 VITON O-RING 1; 0LX27 013-236 O-RING VITON 1; 0LX27 013-336 O-RING 1; 0LX27 3149-02 DIAPHRAGM 1; 0LX27 92-4336 QUAD SEAL 1; 0LX27 VRK-TAG LABEL REPAIR KIT 1
<b>PART NAME ASSIGNED BY CONTROLLING AGENCY</b>	2.50-3.0 MAIN VALVE KIT

**Line Item 044**

**NSN:** 01-4792446

**ITEM NAME:** PARTS KIT, VALVE

Characteristic	Reply
<b>NONSUPPLY ITEMS AND QUANTITIES</b>	0LX27 013-110 O-RING 1; 0LX27 013-142 O-RING 1; 0XL27 013-328 O-RING 1; 0LX27 3440-02 DIAPHRAGM 1; 0LX27 92-4328 QUAD SEAL 1
<b>PART NAME ASSIGNED BY CONTROLLING AGENCY</b>	2 IN. MAIN VALVE KIT

**Line Item 045-046**

**NSN:** 21-9094835

**ITEM NAME:** VALVE, BALL

Characteristic	Reply
<b>CONNECTION TYPE</b>	ALL ENDS UNTHREADED INTERNAL PIPE
<b>FURNISHED ITEMS AND QUANTITY</b>	HANDLE
<b>MATERIAL DOCUMENT AND CLASSIFICATION</b>	BODY ASTM A351 GRAD ASSN STD SINGLE MATERIAL RESPONSE
<b>MATERIAL DOCUMENT AND CLASSIFICATION</b>	FLOW CONTROL DEVICE ASTM A479 GRAD ASSN STD SINGLE MATERIAL RESPONSE
<b>MATERIAL DOCUMENT AND CLASSIFICATION</b>	STEM ASTM A479 GRAD ASSN STD SINGLE MATERIAL RESPONSE
<b>MATERIAL</b>	BODY STEEL UNS J92900
<b>MATERIAL</b>	FLOW CONTROL DEVICE STEEL COMP 316
<b>MATERIAL</b>	SEAT PLASTIC POLYTETRAFLUOROETHYLENE
<b>MATERIAL</b>	STEM STEEL COMP 316
<b>MAXIMUM OPERATING PRESSURE</b>	SINGLE RESPONSE 150.0 POUNDS PER SQUARE INCH
<b>MAXIMUM OPERATING TEMP</b>	SINGLE RESPONSE 204.0 DEG CELSIUS
<b>NOMINAL PIPE SIZE ACCOMMODATED</b>	ALL ENDS 0.75 INCHES
<b>SPECIAL FEATURES</b>	LOCKABLE OPEN
<b>SPECIAL TEST FEATURES</b>	SHOCK QUALIFIED
<b>VALVE OPERATION METHOD</b>	MANUAL

Solicitation No. - N° de l'invitation  
W8482-241799/A  
Client Ref. No. - N° de réf. du client  
6000605234

Amd. No. - N° de la modif.  
File No. - N° du dossier  
xxxxx.XXXXX-XXXXXX

Buyer ID - Id de l'acheteur  
22E  
CCC No./N° CCC - FMS No./N° VME

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## **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).