



**REQUEST FOR PROPOSAL /
DEMANDE DE PROPOSITION**

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

Bid Receiving – PWGSC / Réception des
soumissions - TPSGC
11 Laurier St. / 11 rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau
Québec
K1A 0S5

Proposal To: National Defence Canada

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

Proposition à : Défense nationale Canada

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

Title / Titre: Valve, gate//Valve, stop-check//Valve, diaphragm, stop	Solicitation No / No de l'invitation: W8482-218864/A
Date of Solicitation / Date de l'invitation: 26 February 2021	
Address Enquiries to – Adresser toutes questions à: Jean-Pierre Normandin D Mar P 4-3-3-4 jean-pierre.normandin@forces.gc.ca	
Telephone No. / N° de téléphone:	FAX No / No de fax:
Destination: See herein	

Instructions:

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

Instructions:

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

**Solicitation Closes /
L'invitation prend fin:**

At / à : 14:00 EST

On / le : 24 March 2021

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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PART 1 - GENERAL INFORMATION

1.1 Security requirements

There is no security requirement associated with this bid solicitation.

1.2 Requirement

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

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 7 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 (CFTA), North American Free Trade Agreement (NAFTA), Comprehensive Economic and Trade Agreement (CETA), the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP)

1.5 ePost Connect Service

This bid solicitation allows bidders to use the epost 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>) 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 (2020-05-28) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation. Including the following modifications;

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

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 epost Connect for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

tpsgc.dgareceptiondessoumissions-abbidreceiving.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 an epost Connect conversation, as detailed in Standard Instructions 2003, or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

Due to the nature of the current situation, bids sent by traditional mail to PWGSC will not be accepted.

2.3 Enquiries - Bid Solicitation

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

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

2.4 Applicable Laws

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

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

2.5 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
 - Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Due to the nature of the current situation, bids sent by traditional mail to PWGSC will not be accepted.

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

Section I: Technical Bid

Section II: Financial Bid

Section III: Certifications

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

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

- (a) use a numbering system that corresponds to the bid solicitation.

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 Risk Mitigation

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 NSCM/NCAGE they are offering.

4.1.1.2 Evaluation Procedures for Equivalent Products

- a) This bid solicitation includes requirements to propose equipment (each, a Line Item) that has been specified by brand name, NATO Stock Number (NSN), and/or 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 NSN and/or part number, and more than one part number is listed as associated with a single NSN Line Item, equivalency will be assessed against the first part number listed under the NSN. Other part numbers listed under that NSN will be considered to meet the requirement without requiring an assessment as an equivalent product, unless this bid solicitation specifies otherwise.
- c) Proposed equipment that is a replacement part number (superseded or obsolete) from the Original Equipment Manufacturer of a part number 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) Products that are equivalent in form, fit, function and quality that are fully compatible, interchangeable, and interoperable with the existing equipment owned by Canada as identified in the web links associated with each Line Item will be considered where the Bidder:
 - i. clearly designates in its bid the brand name, NATO Stock Number, and/or part number of the proposed equivalent product;
 - ii. provides complete specifications and descriptive technical documentation for each equivalent item proposed;
 - iii. substantiates the compliance of its proposed equivalent by demonstrating that it meets all mandatory performance criteria that are specified in this bid solicitation;
 - iv. demonstrates that the equipment is fully compatible, interoperates with and is interchangeable with the corresponding Line Item(s) specified in this bid solicitation; and
 - v. clearly identifies those areas in the specifications and descriptive technical documentation that demonstrate the equivalence of the proposed equivalent product.
- e) If requested during evaluation, the Bidder must submit a sample of any proposed equivalent product to the Contracting Authority for testing.
- f) If requested during evaluation, the Bidder must provide a demonstration of its proposed equivalent product.
- g) Proposed equivalent products will be declared non-responsive if:
 - i. the bid fails to provide all the information (including Certifications) required to allow the Contracting Authority to evaluate the equivalency of the proposed equivalent, including additional information requested by the Contracting Authority during the evaluation to supplement the information submitted in the bid (Note: it is the responsibility of the Bidder to include all information required to evaluate equivalency 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 equivalency);

- ii. the Contracting Authority determines that the proposed equivalent fails to meet or exceed the mandatory requirements specified in this bid solicitation; or

the Contracting Authority determines that the proposed equivalent is not equivalent in form, fit, function or quality to the item(s) specified in this bid solicitation or that the proposed equivalent is not fully compatible, interoperable and interchangeable with the existing equipment owned 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

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

5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real procurement agreement of the Ineligibility and Suspension Policy (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), 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 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 Integrity Provisions - List of Names

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

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

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

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

Submission of certificate of shock testing and drawings: For items 003 to 008

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

There is no security requirement applicable to the Contract.

6.2 Requirement

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

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>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

2010A (2020-05-28), General Conditions - Goods
Medium Complexity, apply to and form part of the Contract, with the following modifications:

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

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from date of Contract award to the end of the warranty period as described in Section 09 of 2010A (2020-05-28) General Conditions - Goods (Medium Complexity).

6.4.2 Delivery Date

All the deliverables must be received on or before_____.

DND reserves the right to negotiate delivery date changes to before or after March 31, 2022.

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: Jean-Pierre Normandin
Title: Material Acquisition and Support Officer
Directorate: D Mar P 4-3-3-4

Address: 101 Colonel By Drive
Ottawa, Ontario, K1A 0K2
E-mail address: jean-pierre.normandin@forces.gc.ca

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

6.5.2 Technical Authority

The Technical Authority for the Contract is:

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

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

6.5.3 Contractor's Representative

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

6.6 Payment

6.6.1 Basis of Payment – Firm Unit Price

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit price as specified in Annex B. 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 Limitation of Price

SACC Manual clause C6000C (2017-08-17), Limitation of Price

6.6.3 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 C2605C (2008-05-12), Canadian Customs Duties and Sales Tax - Foreign-based Contractor

SACC *Manual* Clause C2608C (2019-05-30), Canadian Customs Documentation

SACC *Manual* Clause C2610C (2007-11-30), Customs Duties – Department of National Defence – Importer (Use for over \$250,000)

6.6.4 Electronic Payment of Invoices – Contract

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

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

6.7 Invoicing Instructions

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.

Invoices must be distributed as follows:

- a) The original and one (1) copy must be forwarded to the following address for certification and payment.

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

AND

Department of National Defence
Acct. Payable Section Bldg S90 Rm 334
P.O. Box 99,000 Stn Forces
Halifax, NS
Canada B3K 5X5

- b) One (1) copy must be forwarded to:

Department of National Defence
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Attention: - D Mar P 4-3-3-4

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 - Contract

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 (2018-06-21), 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 SACC Manual Clauses

A9006C (2012-07-16) Defence Contract
B7500C (2006-06-16) Excess Goods
G1005C (2016-01-28) Insurance - No Specific Requirement
D9002C (2007-11-30) Incomplete Assemblies
D2000C (2007-11-30) Marking

If feasible without compromising the efficiency of the valve, permanent identification such as a metal plate must be glue or riveted to the body valve including NSN, Manufacturer, Part number and fabrication date

D2001C (2007-11-30) Labelling
D6010C (2007-11-30) Palletization
C2800C (2013-01-28), Priority Rating
C2801C (2017-08-17), Priority Rating – Canadian-Based Contracts

6.12 Asbestos

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

6.13 Packaging

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

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

The Contractor must package item(s) in quantity of 1 by package

6.13.2 Shelf Life

The Contractor must ensure that all items 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 007 & 008 is 60 months.

6.13.3 Additional Package Markings – Identical

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

- a. specification number;
- b. manufacturer's name;
- c. cure date of components;
- d. date of manufacture;

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

6.14 Quality Assurance

D5540C (2019-05-30) ISO 9001:2015 – Quality Management Systems – Requirements (Quality Assurance Code Q)

D5510C (2017-08-17) Quality Assurance Authority (DND) - Canadian-based Contractor

D5515C (2010-01-11) Quality Assurance Authority (DND) - Foreign-based and United States Contractor

D5604C (2008-12-12) Release Documents (DND) – Foreign-based Contractor

D5605C (2010-01-11) Release Documents (DND) – US based Contractor

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

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

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

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

- c. One (1) copy to the Contracting Authority;
- d. One (1) copy to:
 - National Defence Headquarters
 - Mgen George R. Pearkes Building
 - 101 Colonel By Drive
 - Ottawa, ON K1A OK2
 - Attention: D Mar P 4-3-3-2
- e. One (1) copy to the Quality Assurance Representative;
- f. One (1) copy to the Contractor; and
- g. For all non-Canadian contractors, one (1) copy to:

- DQA/Contract Administration
 - National Defence Headquarters
 - Mgen George R. Pearkes Building
 - 101 Colonel By Drive
 - Ottawa, ON K1A OK2

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

6.15 Shipping Instructions (Department of National Defence)

- Canadian-based Contractor

1. Delivery will be FCA Free Carrier at _____ (*Insert the named place, e.g. Contractor's facility*) Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility.
2. Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 3.
 - a. Inbound Logistics Co-ordination Center (ILCC)
Telephone: 1-877-877-7423 (toll free)
Facsimile: 1-877-877-7409 (toll free)
E-mail: ILHQOttawa@forces.gc.ca
3. The Contractor must provide the following information to the DND Inbound Logistics Coordination Center when arranging for shipment:
 - a. the Contract number;

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

OR

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

1. Delivery will be FCA Free Carrier at _____ (**insert the named place, e.g. Contractor's facility**) Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility
2. Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 3.
 - a. Inbound Logistics Coordination Center (ILCC):
Telephone: 1-877-447-7701 (toll free)
Facsimile: 1-877-877-7409 (toll free)
E-mail: ILHQOttawa@forces.gc.ca
OR
 - b. Inbound Logistics United Kingdom (ILUK):
Telephone: 011-44-1895-613023, or 011-44-1895-613024, or
Facsimile: 011-44-1895-613046
E-mail: CFSUEDetUKMovements@forces.gc.ca
In addition, the Contractor must send to ILUK the completed form "Shipping Advice and Export Certificate" by e-mail to: CFSUEDetUKMovements@forces.gc.ca.
The shipment of any items above the value of 600 GBP (pound sterling) being exported

from the United Kingdom and Ireland will be cleared by DND using Her Majesty's Customs & Excise (HMCE) New Export Systems (NES). The Contractor must comply with HMCE requirements by registering with HMCE or by having a freight forwarder complete the entry. A printed copy of the NES entry Export Declaration clearly displaying the Declaration Unique Consignment Reference Number must be provided by the Contractor and attached to the consignment. The Contractor must ensure that this procedure is carried out for all stores whether they be initial purchase or repair and overhaul export items. HMCE will authorize Canadian Forces Support Unit (Europe) to ship the goods only if the procedure has been adhered to completely and properly by the Contractor. **Note:** To ensure you receive a reply on any contracting information such as Incoterms etc, always include the e-mail address: ILHQcontract-ILHQcontrat@forces.gc.ca in carbon copy (cc).

OR

- c. Inbound Logistics Europe Area (ILEA):
Telephone: +49-(0)-2203-908-1807 or 2748 or 5304
Facsimile: +49-(0)-2203-908-2746
Email: ILEA@forces.gc.ca

Note: To ensure you receive a reply on any contracting information such as Incoterms etc, always include the e-mail address: ILHQcontract-ILHQcontrat@forces.gc.ca in carbon copy (cc).

OR

- d. Inbound Logistics Coordination Center (ILCC):
Telephone: 1-877-447-7701 (toll free)
Facsimile: 1-877-877-7409 (toll free)
Email: ILHQOttawa@forces.gc.ca

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

3. The Contractor must provide the following information to the DND Inbound Logistics contact when arranging for shipment:
- the Contract number;
 - consignee address (if multiple addresses, items must be packaged and labeled separately with each consignee address);
 - description of each item;
 - the number of pieces and type of packaging (e.g. carton, crate, drum, skid);
 - 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 CI1 [Canada Customs Invoice](#) (PDF 429KB) - ([Help on File Formats](#));
 - [Schedule B](#) codes (for exports) and the Harmonized Tariff Schedule codes (for imports);
 - North American Free Trade Agreement Certificate 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.

6.16 Exchange rate fluctuation adjustment

SACC *Manual* clause [C3015C](#) (2017-08-17) – Exchange rate fluctuation adjustment

6.17 Equivalency of Equipment

6.17.1 Equivalent Products – Contract

- a) The Contractor guarantees that the equipment to be delivered under the Contract is:
 - i. equivalent in form, fit, function and quality 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.
- b) The Contractor also guarantees that any warranties with third parties concerning the existing equipment owned by Canada 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 and quality to the existing equipment owned by Canada or is not fully compatible, interchangeable and interoperable with the existing equipment owned by Canada, 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.

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

6.18 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](#)".

6.19 Contract Administration

The parties understand that the Procurement Ombudsman appointed pursuant to subsection 22.1(1) of the Department of Public Works and Government Services Act will review a complaint filed by the contractor respecting administration of this contract if the requirements of Subsection 22.2(1) of the Department of Public Works and Government Services Act and Sections 15 and 16 of the Procurement Ombudsman Regulations have been met, and the interpretation and application of the terms and conditions and the scope of the work of this contract are not in dispute. The Office of the Procurement Ombudsman may be contacted by telephone at 1-866-734-5169 or by email at boa.opo@boa.opo.gc.ca.

ANNEX A LINE ITEM DETAILS

Item	Description	Unit of Issue	Quantity	Destination Address	Invoice Address	Security Requirement	Quality Assurance Code (QAC)	Controlled Goods (CTAT or ITAR)	Trade Agreement
001	NSN: 4820-21-908-1070 Item Name: VALVE, GATE P/N requested: 107-0017 NCAGE: 38881 Name of Manufacturer:MONTREAL BRONZE LTD OR EQUIVALENT If offering an equivalent specify: P/N offered: NCAGE: Name of Manufacturer:	EA	250	Department. of National Defence CFB Esquimalt Attn: Receiving Bldg 66 Colwood Victoria, BC V9C 1B0 Canada	Department. of National Defence Base Logistics Officer CFB Esquimalt Stn Forces P.O. Box 17000 Victoria, BC V9A 7N2 Canada	NO	Q	NO	YES
002	NSN: 4820-21-908-1070 Item Name: VALVE, GATE P/N requested: 107-0017 NCAGE: 38881 Name of Manufacturer:MOTREAL BRONZE LTD OR EQUIVALENT If offering an equivalent specify: P/N offered: NCAGE: Name of Manufacturer:	EA	150	Department of National Defence CFB Halifax Main Warehouse Bldg D206 Door 1 thru 13 HMC Dockyard Halifax, NS B3K 5X5 Canada	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	NO	Q	NO	YES

ANNEX A LINE ITEM DETAILS

003	NSN: 4820-21-908-2569 Item Name: VALVE, STOP-CHECK P/N requested: 106-0168 NCAGE: 38881 Name of Manufacturer:MONTREAL BRONZE LTD OR EQUIVALENT If offering an equivalent specify: P/N offered: NCAGE: Name of Manufacturer:	EA	17	Department. of National Defence CFB Esquimalt Attn: Receiving Bldg 66 Colwood Victoria, BC V9C 1B0 Canada	Department. of National Defence Base Logistics Officer CFB Esquimalt Stn Forces P.O. Box 17000 Victoria, BC V9A 7N2 Canada	NO	Q	NO	YES
004	NSN: 4820-21-908-2569 Item Name: VALVE, STOP-CHECK P/N requested: 106-0168 NCAGE: 38881 Name of Manufacturer:MONTREAL BRONZE LTD OR EQUIVALENT If offering an equivalent specify: P/N offered: NCAGE: Name of Manufacturer:	EA	16	Department of National Defence CFB Halifax Main Warehouse Bldg D206 Door 1 thru 13 HMC Dockyard Halifax, NS B3K 5X5 Canada	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	NO	Q	NO	YES
005	NSN: 4820-21-910-9827 Item Name: VALVE, DIAPHRAGM,STOP P/N requested: 121-0015 NCAGE: 38881 Name of Manufacturer:MONTREAL BRONZE LTD OR EQUIVALENT If offering an equivalent specify: P/N offered: NCAGE: Name of Manufacturer:	EA	13	Department. of National Defence CFB Esquimalt Attn: Receiving Bldg 66 Colwood Victoria, BC V9C 1B0 Canada	Department. of National Defence Base Logistics Officer CFB Esquimalt Stn Forces P.O. Box 17000 Victoria, BC V9A 7N2 Canada	NO	Q	NO	YES

ANNEX A LINE ITEM DETAILS

006	NSN: 4820-21-910-9827 Item Name: VALVE, DIAPHRAGM,STOP P/N requested: 121-0015 NCAGE: 38881 Name of Manufacturer:MONTREAL BRONZE LTD OR EQUIVALENT If offering an equivalent specify: P/N offered: NCAGE: Name of Manufacturer:	EA	22	Department of National Defence CFB Halifax Main Warehouse Bldg D206 Door 1 thru 13 HMC Dockyard Halifax, NS B3K 5X5 Canada	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	NO	Q	NO	YES
007	NSN: 4820-21-910-9703 Item Name: VALVE, DIAPHRAGM, STOP P/N requested: 121-0018 NCAGE: 38881 Name of Manufacturer:MONTREAL BRONZE LTD OR EQUIVALENT If offering an equivalent specify: P/N offered: NCAGE: Name of Manufacturer:	EA	12	Department. of National Defence CFB Esquimalt Attn: Receiving Bldg 66 Colwood Victoria, BC V9C 1B0 Canada	Department. of National Defence Base Logistics Officer CFB Esquimalt Stn Forces P.O. Box 17000 Victoria, BC V9A 7N2 Canada	NO	Q	NO	YES
008	NSN: 4820-21-910-9703 Item Name: VALVE, DIAPHRAGM, STOP P/N requested: 121-0018 NCAGE: 38881 Name of Manufacturer:MONTREAL BRONZE LTD OR EQUIVALENT If offering an equivalent specify: P/N offered: NCAGE: Name of Manufacturer:	EA	12	Department of National Defence CFB Halifax Main Warehouse Bldg D206 Door 1 thru 13 HMC Dockyard Halifax, NS B3K 5X5 Canada	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	NO	Q	NO	YES

ANNEX B BASIS OF PAYMENT

Item	Description	Unit of Issue	Quantity	Destination Address	Invoice Address	FIRM UNIT PRICE: Customs and duties excluded, Applicable taxes extra	EXTENDED PRICE: Applicable taxes extra	Applicable taxes	TOTAL PRICE: Applicable taxes Included
001	NSN: 4820-21-908-1070 Item Name: VALVE, GATE	EA	250	Department. of National Defence CFB Esquimalt Attn: Receiving Bldg 66 Colwood Victoria, BC V9C 1B0 Canada	Department. of National Defence Base Logistics Officer CFB Esquimalt Stn Forces P.O. Box 17000 Victoria, BC V9A 7N2 Canada				
002	NSN: 4820-21-908-1070 Item Name: VALVE, GATE	EA	150	Department of National Defence CFB Halifax Main Warehouse Bldg D206 Door 1 thru 13 HMC Dockyard Halifax, NS B3K 5X5 Canada	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				
003	NSN: 4820-21-908-2569 Item Name: VALVE, STOP- CHECK	EA	17	Department. of National Defence CFB Esquimalt Attn: Receiving Bldg 66 Colwood Victoria, BC V9C 1B0 Canada	Department. of National Defence Base Logistics Officer CFB Esquimalt Stn Forces P.O. Box 17000 Victoria, BC V9A 7N2 Canada				

ANNEX B BASIS OF PAYMENT

004	NSN: 4820-21-908-2569 Item Name: VALVE, STOP-CHECK	EA	16	Department of National Defence CFB Halifax Main Warehouse Bldg D206 Door 1 thru 13 HMC Dockyard Halifax, NS B3K 5X5 Canada	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				
005	NSN: 4820-21-910-9827 Item Name: VALVE, DIAPHRAGM, STOP	EA	13	Department. of National Defence CFB Esquimalt Attn: Receiving Bldg 66 Colwood Victoria, BC V9C 1B0 Canada	Department. of National Defence Base Logistics Officer CFB Esquimalt Stn Forces P.O. Box 17000 Victoria, BC V9A 7N2 Canada				
006	NSN: 4820-21-910-9827 Item Name: VALVE, DIAPHRAGM, STOP	EA	22	Department of National Defence CFB Halifax Main Warehouse Bldg D206 Door 1 thru 13 HMC Dockyard Halifax, NS B3K 5X5 Canada	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				
007	NSN: 4820-21-909-9703 Item Name: VALVE, DIAPHRAGM, STOP	EA	12	Department. of National Defence CFB Esquimalt Attn: Receiving Bldg 66 Colwood Victoria, BC V9C 1B0 Canada	Department. of National Defence Base Logistics Officer CFB Esquimalt Stn Forces P.O. Box 17000 Victoria, BC V9A 7N2 Canada				

ANNEX B BASIS OF PAYMENT

008	NSN: 4820-21-909-9703 Item Name: VALVE, DIAPHRAGM, STOP	EA	12	Department of National Defence CFB Halifax Main Warehouse Bldg D206 Door 1 thru 13 HMC Dockyard Halifax, NS B3K 5X5 Canada	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				
						TOTAL			

ANNEX "C" – LONG TEXT DESCRIPTION

LINE ITEM 001 & 002

Item Identification	
NSN: 4820-21-908-1070	
ITEM NAME: VALVE,GATE	
Characteristic	Reply
BONNET TYPE	INSIDE SCREW
BONNET ATTACHMENT METHOD	UNION
VALVE OPERATION METHOD	MANUAL
CONNECTION TYPE	THREADED INTERNAL PIPE
VALVE SIZE	0.5 INCHES
MAXIMUM OPERATING PRESSURE AND MEDIA FOR WHICH DESIGNED	300.0 POUNDS PER SQUARE INCH STEAM
NOMINAL THREAD SIZE	0.55 INCHES
STEM TYPE	RISING
MAXIMUM OPERATING TEMP AND MEDIA FOR WHICH DESIGNED	550.0 DEG FAHRENHEIT STEAM
BODY MATERIAL DOCUMENT AND CLASSIFICATION	ASTM B61 ASSN STD SINGLE MATERIAL RESPONSE
DISK MATERIAL DOCUMENT AND CLASSIFICATION	QQ-N-288 ASSN STD 1ST MATERIAL RESPONSE
SEAT MATERIAL DOCUMENT AND CLASSIFICATION	ASTM B164 ASSN STD SINGLE MATERIAL RESPONSE
STEM MATERIAL DOCUMENT AND CLASSIFICATION	ASTM B61 ASSN STD SINGLE MATERIAL RESPONSE
INLET RELATIONSHIP WITH OUTLET	IDENTICAL
PRESSURE CLASS MATERIAL	300.0 POUNDS PER SQUARE INCH BODY COPPER ALLOY 922 AND DISK NICKEL ALLOY AND SEAT NICKEL ALLOY AND STEM COPPER ALLOY 922
THREAD SERIES DESIGNATOR	NPT

LINE ITEM 003 & 004

Item Identification	
NSN: 4820-21-908-2569	
ITEM NAME: VALVE,STOP-CHECK	
Characteristic	Reply
MATERIAL	BODY COPPER ALLOY 922
MATERIAL	FLOW CONTROL DEVICE NICKEL ALLOY
MATERIAL	PACKING GRAPHITE AND PLASTIC POLYPROPYLENE
MATERIAL	SEAT NICKEL ALLOY
MATERIAL	STEM NICKEL ALLOY
MATERIAL DOCUMENT AND CLASSIFICATION	BODY ASTM B61 ASSN STD SINGLE MATERIAL RESPONSE
MATERIAL DOCUMENT AND CLASSIFICATION	FLOW CONTROL DEVICE QQ-N-288 COMPOSITION A FED SPEC SINGLE MATERIAL RESPONSE
MATERIAL DOCUMENT AND CLASSIFICATION	SEAT QQ-N-288 COMPOSITION A FED SPEC SINGLE MATERIAL RESPONSE
MATERIAL DOCUMENT AND CLASSIFICATION	STEM ASTM B164 CLASS B ASSN STD SINGLE MATERIAL RESPONSE

STYLE DESIGNATOR	A1 ANGLE
FLOW CONTROL DEVICE	DISK
MEDIA FOR WHICH DESIGNED	1ST RESPONSE STEAM
MEDIA FOR WHICH DESIGNED	2ND RESPONSE WATER-OIL-GAS
MAXIMUM OPERATING PRESSURE	1ST RESPONSE 300.0 POUNDS PER SQUARE INCH
MAXIMUM OPERATING PRESSURE	2ND RESPONSE 600.0 POUNDS PER SQUARE INCH
MAXIMUM OPERATING TEMP	1ST RESPONSE 550.0 DEG FAHRENHEIT
VALVE OPERATION METHOD	MANUAL
CONNECTION TYPE	ALL ENDS THREADED INTERNAL PIPE
THREAD SERIES DESIGNATOR	ALL ENDS NPT
NOMINAL THREAD SIZE	ALL ENDS 0.75 INCHES
THREAD DIRECTION	ALL ENDS RIGHT-HAND
MOUNTING POSITION	HORIZONTAL
RENEWABLE SEAT RING TYPE	THREADED
BONNET TYPE	INSIDE SCREW
BONNET ATTACHMENT METHOD	UNION
FURNISHED ITEMS AND QUANTITY	1 HANDWHEEL
SPECIAL TEST FEATURES	SHOCK TESTED AS PER SPECIFICATION D-03-003-007/SF-000 GRADE 1 TYPE A

LINE ITEM 005 & 006

Item Identification

NSN: 4820-21-910-9827

ITEM NAME: VALVE,DIAPHRAGM,STOP

Characteristic	Reply
MATERIAL	BODY COPPER ALLOY 922
MATERIAL	FLOW CONTROL DEVICE PLASTIC POLYPROPYLENE
MATERIAL	SEAT COPPER ALLOY 922
MATERIAL	STEM BRONZE PHOSPHOR
MATERIAL DOCUMENT AND CLASSIFICATION	BODY ASTM B61 ASSN STD SINGLE MATERIAL RESPONSE
MATERIAL DOCUMENT AND CLASSIFICATION	SEAT ASTM B61 ASSN STD SINGLE MATERIAL RESPONSE
MATERIAL DOCUMENT AND CLASSIFICATION	STEM ASTM B139 ASSN STD SINGLE MATERIAL RESPONSE
VALVE SIZE	2.5 INCHES
MAXIMUM OPERATING PRESSURE	SINGLE RESPONSE 150.0 POUNDS PER SQUARE INCH
MAXIMUM OPERATING TEMP	SINGLE RESPONSE 120.0 DEG FAHRENHEIT
VALVE OPERATION METHOD	MANUAL
CONNECTION TYPE	1ST END FLANGE
CONNECTION TYPE	2ND END THREADED EXTERNAL HOSE
FLANGE SHAPE	1ST END ROUND WITH HOLES
NOMINAL OUTSIDE DIAMETER	1ST END 7.0 INCHES
NOMINAL THICKNESS	1ST END 0.562 INCHES
BOLT HOLE QUANTITY	1ST END 4
BOLT HOLE NOMINAL DIAMETER	1ST END 0.75 INCHES
BOLT CIRCLE NOMINAL DIAMETER	1ST END 5.5 INCHES
FLANGE FACE DESIGN	1ST END PLAIN
NOMINAL OUTSIDE DIAMETER HOSE ACCOMMODATED	2ND END 2.5 INCHES
THREAD SERIES DESIGNATOR	2ND END NH
THREAD QUANTITY PER INCH	2ND END 7-1/2
BONNET TYPE	INSIDE SCREW

BONNET ATTACHMENT METHOD	BOLTED
FURNISHED ITEMS AND QUANTITY	1 HANDWHEEL
SUPPLEMENTARY FEATURES	STRAIGHT THRU WEIR BODY STYLE

LINE ITEM 007 & 008

Item Identification	
NSN: 4820-21-910-9703	
ITEM NAME: VALVE,DIAPHRAGM,STOP	
Characteristic	Reply
MATERIAL	BODY COPPER ALLOY 922
MATERIAL	FLOW CONTROL DEVICE PLASTIC POLYPROPYLENE
MATERIAL	SEAT COPPER ALLOY 922
MATERIAL	STEM BRONZE PHOSPHOR
STYLE DESIGNATOR	A1A STRAIGHT THRU FLANGED ENDS
FACE TO FACE DISTANCE	6.5 INCHES
VALVE SIZE	1.5 INCHES
MAXIMUM OPERATING PRESSURE	SINGLE RESPONSE 175.0 POUNDS PER SQUARE INCH
MAXIMUM OPERATING TEMP	SINGLE RESPONSE 180.0 DEG FAHRENHEIT
VALVE OPERATION METHOD	MANUAL
CONNECTION TYPE	ALL ENDS FLANGE
FLANGE SHAPE	ALL ENDS ROUND WITH HOLES
NOMINAL OUTSIDE DIAMETER	ALL ENDS 5.0 INCHES
NOMINAL THICKNESS	ALL ENDS 0.437 INCHES
BOLT HOLE QUANTITY	ALL ENDS 4
BOLT HOLE NOMINAL DIAMETER	ALL ENDS 0.625 INCHES
BOLT CIRCLE NOMINAL DIAMETER	ALL ENDS 3.875 INCHES
FLANGE FACE DESIGN	ALL ENDS PLAIN
BONNET TYPE	INSIDE SCREW
BONNET ATTACHMENT METHOD	BOLTED
FURNISHED ITEMS AND QUANTITY	1 HANDWHEEL AND 1 LOCKING DEVICE
SPECIAL FEATURES	WEIR STYLE
SPECIAL TEST FEATURES	SHOCK TESTED AS PER SPECIFICATION D-03-003-007/SF-000 GRADE 1 TYPE A

ANNEX "D" – ELECTRONIC PAYMENT INSTRUMENTS

As indicated in Part 3, Clause 3.1.1, the bidder must identify which electronic payment instruments they are willing to accept payment of invoices.

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

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