



National Defence

Défense nationale

National Defence Headquarters  
Ottawa, Ontario  
K1A 0K2

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

Facsimile : 819-997-9776

Via ePost / Postel

#### 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 indiqué(s).

<b>Title/Titre:</b> VALVES / ROBINETS	<b>Solicitation No – N° de l'invitation</b> W8482-218493/A Amendment #1, 21 January 2021
<b>Date of Solicitation – Date de l'invitation</b> 23 December 2020	
<b>Address Enquiries to – Adresser toutes questions à</b>  Emma Edwards Emma.Edwards@forces.gc.ca D Mar P 4-3-4-8	
<b>Telephone No. – N° de téléphone</b>	<b>FAX No – N° de fax</b>
<b>Destination</b>  Specified Herein / Précisé dans le présentes	

#### 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.**

#### Solicitation Closes – L'invitation prend fin

At – à : 1400 hours / heures EST

On - le : 1 February 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 _____

**Amendment #001 is raised to make the following changes;**

**1. Answer bidder questions**

**Question #1:**

For items 003 and 004: Will you be ok to accept size 1 ½" instead of 1 ¼" (as 1 ¼" is not available with V2 - 3 Way Valve)?

**Answer #1:**

1 1/2" size is not acceptable.

**Question #2:**

For items 003 and 004: The part number 44-7777TT-SE-V2-M1 refers to a valve with Monel body, ball, and stem. However, that conflicts with the description indicates bronze.

**Answer #2:**

Valve body bronze, flow control device bronze, seat teflon, stem bronze, body ASTM B164 ASSN STD

**Question #3:**

For items 003 and 004: Are you able to confirm the drawing number is KD-051 with old shiplog 129103-060?

**Answer #3:**

Can not confirm if drawing number KD-051 is based on old shiplog 129103-060.

**2. Update Annexes A, B, C to change NSN for items 007 and 008. See annexes below.**

Remove: NSN 4820-21-910-1491 and Part Number

Add: NSN 4820-01-281-5166 and update part numbers as per Annex A

**3. Extend the bid solicitation closing date to 1 February 2021.**

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME**

**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: 4810-21-9094895 Name: VALVE,GLOBE PN Requested: 700784-053-999 NCAGE: 81576 Manufacturer: DRESSER CANADA 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
002	NSN: 4810-21-9094895 Name: VALVE,GLOBE PN Requested: 700784-053-999 NCAGE: 81576 Manufacturer: DRESSER CANADA 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
003	NSN: 4820-20-0085534 Name: VALVE,BALL  PN Requested: 44-7777TT-SE-V2-M1 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
004	NSN: 4820-20-0085534 Name: VALVE,BALL  PN Requested: 44-7777TT-SE-V2-M1 NCAGE: 38003 Manufacturer: CANADIAN WORCESTER CONTROLS  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	6	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: 4820-21-9094639 Name: VALVE,CHECK PN Requested: 119-0027 NCAGE: 38881 Manufacturer: MONTREAL BRONZE  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	Q	No	Yes
006	NSN: 4820-21-9094639 Name: VALVE,CHECK PN Requested: 119-0027 NCAGE: 38881 Manufacturer: MONTREAL BRONZE  OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	18	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
007	NSN: 4820-01-281-5166 Name: VALVE,SAFETY RELIEF  PN Requested: YB2385C225 NCAGE: 35795 Manufacturer: LESLIE CONTROLS INC OR PN Requested: 1385-1/2-PL4149-4126 45T70PSI NCAGE: 35795 Manufacturer: LESLIE CONTROLS INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	9	CFB Halifax Delivery Code  007X Invoice Code  W010B	No	C	No	Yes
008	NSN: 4820-01-281-5166 Name: VALVE,SAFETY RELIEF  PN Requested: YB2385C225 NCAGE: 35795 Manufacturer: LESLIE CONTROLS INC OR PN Requested: 1385-1/2-PL4149-4126 45T70PSI NCAGE: 35795 Manufacturer: LESLIE CONTROLS INC OR EQUIVALENT Equivalent offers must comply with RFP Equivalent Products clauses and specify: PN offered: _____ NCAGE: _____ Manufacturer: _____	EA	6	CFB Esquimalt Delivery Code  002E Invoice Code  W0103	No	C	No	Yes

**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: 4810-21-9094895 Name: VALVE,GLOBE	EA	2	CFB Halifax Delivery Code 007X Invoice Code W010B			
002	NSN: 4810-21-9094895 Name: VALVE,GLOBE	EA	3	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
003	NSN: 4820-20-0085534 Name: VALVE,BALL	EA	4	CFB Halifax Delivery Code 007X Invoice Code W010B			
004	NSN: 4820-20-0085534 Name: VALVE,BALL	EA	6	CFB Esquimalt Delivery Code 002E Invoice Code W0103			
005	NSN: 4820-21-9094639 Name: VALVE,CHECK	EA	15	CFB Halifax Delivery Code 007X Invoice Code W010B			
006	NSN: 4820-21-9094639 Name: VALVE,CHECK	EA	18	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: 4820-01-281-5166 Name: VALVE,SAFETY RELIEF	EA	9	CFB Halifax Delivery Code 007X Invoice Code W010B			
008	NSN: 4820-01-281-5166 Name: VALVE,SAFETY RELIEF	EA	6	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**

Items 001 and 002

**NSN:** 4810-21-909-4895

**ITEM NAME:** VALVE,GLOBE

Characteristic	Reply
<b>MATERIAL</b>	BODY COPPER ALLOY 922
<b>MATERIAL</b>	FLOW CONTROL DEVICE STEEL COMP 316
<b>MATERIAL</b>	SEAT STEEL COMP 316
<b>MATERIAL</b>	STEM STEEL COMP 316
<b>STYLE DESIGNATOR</b>	A1A STRAIGHT THRU FLANGED ENDS
<b>FACE TO FACE DISTANCE</b>	10.88 INCHES
<b>VALVE SIZE</b>	2.5 INCHES
<b>FLOW CONTROL DEVICE</b>	PLUG
<b>VALVE OPERATION METHOD</b>	AIR
<b>VALVE OPERATION METHOD</b>	MANUAL
<b>CONNECTION TYPE</b>	ALL ENDS FLANGE
<b>FLANGE SHAPE</b>	ALL ENDS ROUND WITH HOLES
<b>NOMINAL OUTSIDE DIAMETER</b>	ALL ENDS 178.0 MILLIMETERS
<b>NOMINAL THICKNESS</b>	ALL ENDS 17.5 MILLIMETERS
<b>BOLT HOLE QUANTITY</b>	ALL ENDS 4
<b>BOLT HOLE NOMINAL DIAMETER</b>	ALL ENDS 19.0 MILLIMETERS
<b>BOLT CIRCLE NOMINAL DIAMETER</b>	ALL ENDS 140.0 MILLIMETERS
<b>FLANGE FACE DESIGN</b>	ALL ENDS PLAIN
<b>RENEWABLE SEAT RING TYPE</b>	THREADED
<b>BONNET TYPE</b>	PACKING RETAINING
<b>BONNET ATTACHMENT METHOD</b>	BOLTED

Items 003 and 004

**NSN:** 4820-20-008-5534

**ITEM NAME:** VALVE,BALL

Characteristic	Reply
<b>MATERIAL</b>	BODY BRONZE
<b>MATERIAL</b>	FLOW CONTROL DEVICE BRONZE
<b>MATERIAL</b>	SEAT.TEFLON
<b>MATERIAL</b>	STEM BRONZE
<b>MATERIAL DOCUMENT AND CLASSIFICATION</b>	BODY ASTM B164 ASSN STD SINGLE MATERIAL RESPONSE
<b>MATERIAL DOCUMENT AND CLASSIFICATION</b>	FLOW CONTROL DEVICE ASTM B164 ASSN STD SINGLE MATERIAL RESPONSE
<b>MATERIAL DOCUMENT AND CLASSIFICATION</b>	STEM ASTM B164 ASSN STD SINGLE MATERIAL RESPONSE
<b>STYLE DESIGNATOR</b>	TEE W/OFFSET
<b>VALVE SIZE</b>	1.250 INCHES
<b>MAXIMUM OPERATING PRESSURE</b>	SINGLE RESPONSE 150.0 POUNDS PER SQUARE INCH GAGE
<b>MAXIMUM OPERATING TEMP</b>	1ST RESPONSE -29.0 DEG FAHRENHEIT
<b>MAXIMUM OPERATING TEMP</b>	2ND RESPONSE 204.0 DEG FAHRENHEIT
<b>VALVE OPERATION METHOD</b>	LEVER
<b>CONNECTION TYPE</b>	ALL ENDS THREADED INTERNAL PIPE
<b>NOMINAL PIPE SIZE ACCOMMODATED</b>	ALL ENDS 1.250 INCHES
<b>THREAD SERIES DESIGNATOR</b>	ALL ENDS NPT
<b>SPECIAL FEATURES</b>	SHOCK TESTED AT 275.0 PSIG

Items 005 and 006

**NSN:** 4820-21-909-4639

**ITEM NAME:** VALVE,CHECK

Characteristic	Reply
<b>MATERIAL</b>	BODY COPPER ALLOY 922
<b>MATERIAL</b>	FLOW CONTROL DEVICE NICKEL ALLOY R-405
<b>MATERIAL</b>	SEAT NICKEL ALLOY R-405
<b>MATERIAL DOCUMENT AND CLASSIFICATION</b>	BODY ASTM B61 ASSN STD SINGLE MATERIAL RESPONSE
<b>MATERIAL DOCUMENT AND CLASSIFICATION</b>	FLOW CONTROL DEVICE ASTM B164 ASSN STD SINGLE MATERIAL RESPONSE
<b>MATERIAL DOCUMENT AND CLASSIFICATION</b>	SEAT ASTM B164 ASSN STD SINGLE MATERIAL RESPONSE
<b>VALVE SIZE</b>	4.0 INCHES
<b>FACE TO FACE DISTANCE</b>	11.5 INCHES
<b>FLOW CONTROL DEVICE</b>	DISK
<b>MEDIA FOR WHICH DESIGNED</b>	SINGLE RESPONSE STEAM
<b>MAXIMUM OPERATING PRESSURE</b>	SINGLE RESPONSE 150.0 POUNDS PER SQUARE INCH
<b>MAXIMUM OPERATING TEMP</b>	SINGLE RESPONSE 500.0 DEG FAHRENHEIT
<b>VALVE OPERATION METHOD</b>	AUTOMATIC
<b>CONNECTION TYPE</b>	ALL ENDS FLANGE
<b>FLANGE SHAPE</b>	ALL ENDS ROUND WITH HOLES
<b>NOMINAL OUTSIDE DIAMETER</b>	ALL ENDS 9.0 INCHES
<b>NOMINAL THICKNESS</b>	ALL ENDS 0.688 INCHES
<b>BOLT HOLE QUANTITY</b>	ALL ENDS 8
<b>BOLT HOLE NOMINAL DIAMETER</b>	ALL ENDS 0.75 INCHES
<b>BOLT CIRCLE NOMINAL DIAMETER</b>	ALL ENDS 7.5 INCHES
<b>FLANGE FACE DESIGN</b>	ALL ENDS PLAIN
<b>MOUNTING POSITION</b>	HORIZONTAL
<b>MOUNTING POSITION</b>	VERTICAL
<b>RENEWABLE SEAT RING TYPE</b>	THREADED
<b>SPECIAL FEATURES</b>	SWING DISK
<b>SPECIAL TEST FEATURES</b>	SHOCK TESTED AS PER SPECIFICATION D-03-003-007/SF-000 GRADE 1 TYPE A

Items 007 and 008

<b>NSN:</b> 4820-01-281-5166	
<b>ITEM NAME:</b> VALVE,SAFETY RELIEF	
Characteristic	Reply
<b>MATERIAL</b>	BODY COPPER ALLOY
<b>MATERIAL</b>	FLOW CONTROL DEVICE RUBBER BUTADIENE-ACRYLONITRILE CLASS NBR
<b>MATERIAL</b>	SEAT NICKEL ALLOY
<b>STYLE DESIGNATOR</b>	C1 ANGLE
<b>FLOW CONTROL DEVICE</b>	DISK
<b>MEDIA FOR WHICH DESIGNED</b>	SINGLE RESPONSE GAS, INERT
<b>MAXIMUM OPERATING PRESSURE</b>	SINGLE RESPONSE 400.0 POUNDS PER SQUARE INCH
<b>MAXIMUM OPERATING TEMP</b>	SINGLE RESPONSE 180.0 DEG FAHRENHEIT
<b>VALVE OPERATION METHOD</b>	AUTOMATIC
<b>CONNECTION TYPE</b>	ALL ENDS UNTHREADED INTERNAL TUBE
<b>CONNECTION STYLE</b>	ALL ENDS G30A SOCKET WITH BRAZING RING
<b>NOMINAL OUTSIDE DIAMETER</b>	ALL ENDS 0.500 INCHES
<b>TUBE ACCOMMODATED</b>	
<b>BONNET TYPE</b>	INSIDE SCREW
<b>BONNET ATTACHMENT METHOD</b>	THREADED
<b>ADJUSTABLE PRESSURE RANGE</b>	45.0 TO 70.0 POUNDS PER SQUARE INCH