



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 soumission

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).

Title/Titre: NONMETALLIC HOSES AND HOSE ASSEMBLIES	Solicitation No – N° de l'invitation W8482-241733/A Amendment 002 Date of Amendment: 09/27/2023
Date of Solicitation – Date de l'invitation August 24, 2023	
Address Enquiries to – Adresser toutes questions à Ashley Nadeau-Weeks D Mar P 4-3-4-7 Ashley.Nadeau-Weeks@forces.gc.ca	
Telephone No. – N° de téléphone	FAX No – N° de fax
Destination Specified herein / Précisée dans les 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 : 14:00 hours/heures EDT

On - October 11, 2023

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 _____

This amendment is raised to answer questions from potential bidders.

Question:

Could you provide the drawings of items 5, 6, 7 and 8?

Answer:

We do not have drawings for either of those. However, here is some additional part numbers associated with the subcomponent of the hose assembly:

21-9101346:NSN

Hose MPN: 8532

Fittings MPN: 32-F00-A

QTY: 2

Flanges MPN: FC1389-3232C

QTY 2

Use with Firesleeve MPN: 624-42

21-9213038:NSN

Hose MPN: 8532

Fittings MPN: 32-F00-A

QTY: 2

Flanges MPN: FC1389-3232C

QTY: 2

Use with Firesleeve MPN: 624-24

Question

In reviewing the tender, items 001 and 002, we would like to know if more detailed information or drawings are available for these two items? Are the hose assemblies used for aviation fuel application? Are drawings or more detailed Bill of Material available for these hose assemblies?

Answer

They are used for Aviation Fuel JP5. As for the hose, it is made of 3 components:

1. HOSE ITSELF

BURST TEST PRESSURE: 700.0 POUNDS PER SQUARE INCH

FEATURES PROVIDED: ELECTROSTATIC DISCHARGE CAPABILITY

HYDROSTATIC TEST PRESSURE: 275.0 POUNDS PER SQUARE INCH

INSIDE DIAMETER: 1.969 INCHES MINIMUM AND 2.03 INCHES MAXIMUM

MEASURING METHOD AND LENGTH: 720.0 INCHES NOMINAL OVERALL

OUTSIDE DIAMETER: 2.563 INCHES MINIMUM AND 2.687 INCHES
MAXIMUM

SPECIAL FEATURES: ELECTRICAL BONDING IN HOSE AND ELECTROSTATIC
DISCHARGE CAPABILITY

2. FITTINGS

ITEM NAME: ADAPTER, STRAIGHT, PIPE TO PIPE

CONNECTION STYLE: 1ST END PLAIN (PIPE)

CONNECTION STYLE: 2ND END GRIPPING (HOSE)

CONNECTION TYPE: 1ST END THREADED EXTERNAL PIPE

CONNECTION TYPE: 2ND END THREADED EXTERNAL HOSE GRIPPING

FURNISHED ITEMS AND QUANTITY: 1 HOSE COUPLING NUT

ITEM NUMBER: 03775

MATERIAL DOCUMENT AND CLASSIFICATION: OVERALL MIL-B-11553 MIL SPEC SINGLE MATERIAL RESPONSE

MATERIAL: OVERALL COPPER ALLOY

MAXIMUM OPERATING PRESSURE: SINGLE RESPONSE 380.0 POUNDS PER SQUARE INCH

NOMINAL INSIDE DIAMETER: 2ND END 2.000 INCHES

NOMINAL OUTSIDE DIAMETER: 2ND END 2.562 INCHES

NOMINAL PIPE SIZE ACCOMMODATED: 1ST END 2.000 INCHES

NOMINAL THREAD SIZE: 1ST END 2.000 INCHES

NONDEFINITIVE SPEC/STD DATA: 1 TYPE AND 1 CLASS

THREAD SERIES DESIGNATOR: 1ST END NPT

3. COUPLING, HOSE:

CONNECTION STYLE: 1ST END GRIPPING (HOSE)

CONNECTION STYLE: 2ND END GRIPPING (HOSE)

CONNECTION TYPE: 1ST END THREADED INTERNAL HOSE

CONNECTION TYPE: 2ND END THREADED EXTERNAL HOSE GRIPPING

FURNISHED ITEMS AND QUANTITY: 1 GASKET AND 1 HOSE COUPLING NUT

MAXIMUM OPERATING PRESSURE: SINGLE RESPONSE 380.0 POUNDS PER SQUARE INCH

NOMINAL INSIDE DIAMETER: 1ST END 2.000 INCHES

NOMINAL INSIDE DIAMETER HOSE ACCOMMODATED: 2ND END 2.000 INCHES

NOMINAL OUTSIDE DIAMETER HOSE ACCOMMODATED: 2ND END 2.562 INCHES

NOMINAL THREAD SIZE: 1ST END 2.000 INCHES

NONDEFINITIVE SPEC/STD DATA 2 TYPE AND 1 CLASS

THREAD SERIES DESIGNATOR: 1ST END NPSH

Question

We have been unable to find out the technical characteristics for the hoses, except for the ones below. Would it be possible to make these technical characteristics available to the bidders?

01-47730767:NSN

CROSS SECTIONAL SHAPE STYLE: ROUND

INSIDE DIAMETER: 1.810 INCHES NOMINAL

TEMP RATING: -40.0 DEG FAHRENHEIT SINGLE RESPONSE AND 200.0 DEG FAHRENHEIT SINGLE RESPONSE

OUTSIDE DIAMETER: 2.220 INCHES NOMINAL

MINIMUM INSIDE BENDING RADIUS: 13.250 INCHES

BURST TEST PRESSURE: 1400.0 POUNDS PER SQUARE INCH SINGLE RESPONSE

SPECIAL FEATURES: SYNTHETIC RUBBER TUBE, MULTIPLE LAYERS OF SYNTHETIC YARN REINFORCEMENT AND SYNTHETIC RUBBER COVER

MATERIAL: RUBBER SYNTHETIC TUBE

MEDIA FOR WHICH DESIGNED: WATER, FRESH SINGLE RESPONSE AND WATER, SALT SINGLE RESPONSE AND FUEL/OIL, HYDROCARBON SINGLE RESPONSE

Answer

Additional information on items below:

01-4773067:NSN

DIMENSIONS: L: 600 INCHES (50 FEET) ± 6 INCHES

APPLICATION: JP5 FUEL

RUNNING INSIDE THE HOSE ASSEMBLY IS A 1/8" INCH BONDING TENSION CABLE MADE OF CORROSION RESISTANT STEEL, COATED WITH NYLON.

ELECTRICAL RESISTANCE NOT TO EXCEED 10 OHMS FROM END TO END.
HOSE TO BE PAINTED WITH 2" + 1/4" WIDE WHITE ANNULAR LINES EVERY
5'

A NON PERMANENT TAG SHOULD SHOW:

- PART NUMBER
- PROOF TEST DATE
- DATE OF MANUFACTURE

21-9101345:NSN

DIMENSION: L: 20.5"

FLANGED CONNECTION: 4 BOLT RAISED FLANGE

BCS-32 X 25 5/8" OAL TEFLON CONVOLUTED HOSE SS BRAIDED

C/W 316 SS STUB ENDS WITH 150# SS 316 FLOATING FLANGES E/E WITH
PYRO SLEEVE OVERALL

ID: 2.0"

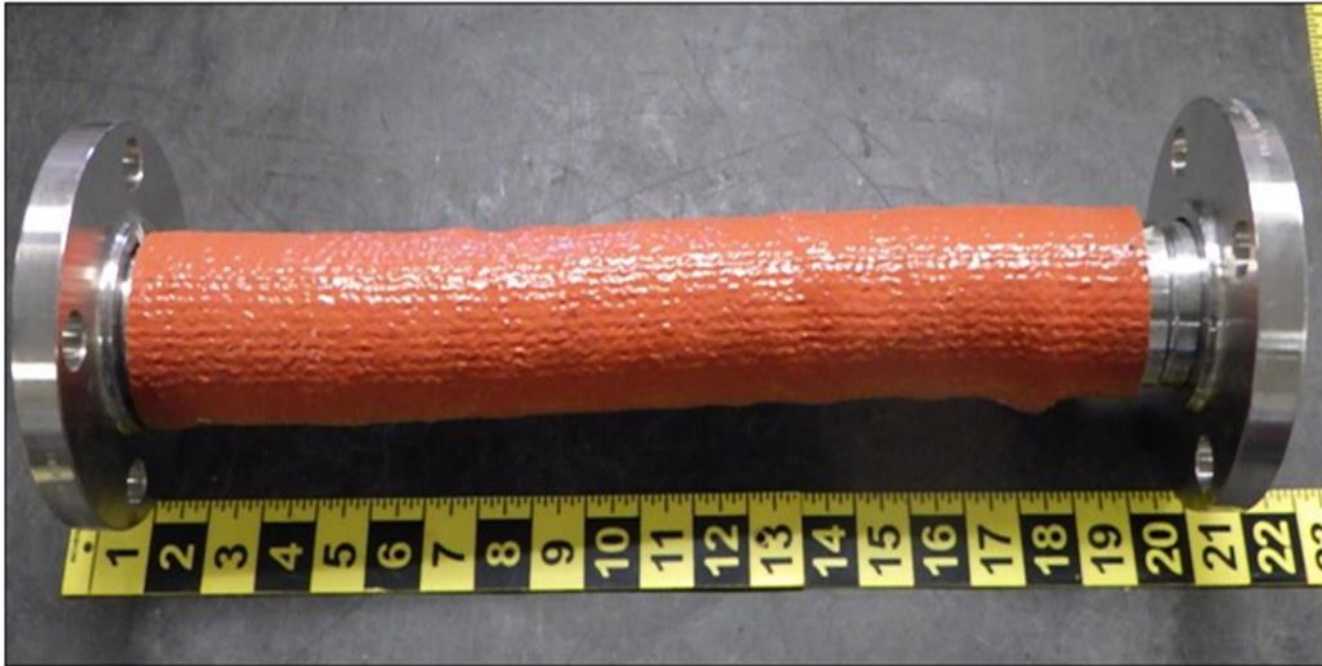
OD: 205"

MIN BEND RADIUS: 6.50"

MAX WORKING PRESSURE: 600 PSI

SHELF LIFE IS INDEFINITE PROVIDING PROPER;

- AMBIENT TEMPERATURE
- CLEAN AND DUST FREE ENVIRONMENT
- SAGE AND PROTECTED FROM POSSIBLE DAMAGE



21-8964491:NSN

DIMENSIONS: L: 50 FEET

APPLICATION: AVIATION FUEL (JP5)

RUNNING INSIDE THE HOSE ASSEMBLY IS A 1/8" BONDING TENSIONS
CABLE MADE OF CORROSION RESISTANT STEEL, COATED WITH NYLON.

ELECTRICAL RESISTANCE NOT TO EXCEED 10 OHMS FROM END TO END

A NON PERMANENT TAG SHOULD SHOW:

- PART NUMBER
- PROOF TEST DATE
- DATE OF MANUFACTURE

21-9213038:NSN

DIMENSIONS: L: 48"

APPLICATION: OIL (3GP-357)



21-9090234:NSN

FLEX HOSE ASSEMBLY 32MM NOM, 520MM LG COMPRISED OF: HOSE, NONMETALLIC, BRAIDED DOGLEG, STAINLESS STEEL FITTINGS, HOSE X JIC(F) SWIVEL, STAINLESS STEEL PD 510803 HOSE MPN 2580-20 DOGLEG MPN: 259-411-20 QTY: 2 USE WITH FIRESLEEVE MPN: 624-28

Additionally, we have extended the bid closing date to October 11th 2023.

All other terms and conditions remain the same.