



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
SOUSSIONS À :**

Bid Receiving – PWGSC / Réception des soumissions - TPSGC

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

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

Title/Titre NSN: 6145-21-908-8876 TRIPLEX 400 KCMILSHORE- TO-SHIP CABLE	Solicitation No – N° de l’invitation W8482-207398/B
Date of Solicitation – Date de l’invitation October 27, 2020	
Address Enquiries to – Adresser toutes questions à Chelsea Fowler D Mar P 4-3-3-2 chelsea.fowler@forces.gc.ca	
Telephone No. – N° de téléphone	FAX No – N° de fax
Destination See herein	

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).

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 EST On - le : December 14, 2020	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 has been raised to answer the following questions and to extend the closing date from December 8, 2020 at 14:00 EST to December 14, 2020 at 14:00 EST.

Question 1:

1. Please advise if you are ITAR registered.
2. Please advise if you have a CAGE code.
3. Please answer yes or no to the following questions:
4. Any Nuclear End-Use?
5. Any Rocket Systems (ballistic missile systems)?
6. Any Chemical and Biological Weaponry?
7. Any Maritime Nuclear Propulsion End-Uses?
8. Any Foreign Vessels and Aircraft?
9. Any technical assistance for encryption items?

Answer:

1. The procurement is for the Government of Canada and we do not require ITAR registration.
2. There is no CAGE code for this procurement.
3. For questions 3-9, the answer is no.

Question 2:

1. Item 1 - 900 meter reel – containing 300 meter x 3 runs of 400MCM-1c (lashed together)
2. Item 2 - 600 meter reel – containing 200 meter x 3 runs of 400MCM-1c (lashed together)
3. The specification calls for insulation material EPR rated for 90° C Color Code Black, White, Red. This does not make sense if these are single conductor cables. Do you want the outer sheath/jacket colours to be 1 black, 1 red, 1 white? That would be very unusual and difficult to do in the manufacturing process. The standard cable would have a black jacket, the insulation underneath the jacket would not be seen. Therefore I suggest that we could print an identifier on the jacket of each cable, such as the word black, red, white?

Solicitation No. - N° de l'invitation
W8482-207398/B
Client Ref. No. - N° de réf. du client
XXXXXX-XXXXXX

Amd. No. - N° de la modif.
001
File No. - N° du dossier
XXXXX.XXXXX-XXXXXX

Buyer ID - Id de l'acheteur
24A
CCC No./N° CCC - FMS No./N° VME

Answer:

1. These are acceptable only if each 300MR run is delivered on separate reels. Otherwise they will not be accepted.
2. These are acceptable only if each 200MR run is delivered on separate reels. Otherwise they will not be accepted.
3. This a TRIPLEX cable meaning it has three colored conductors twisted ('triplexed') with a band at approximately 6 foot intervals. There is no outer sheath but the banding material. Printing the identifier on the jacket of each cable is also not acceptable – please see the attached document.

DND TECHNICAL BULLETIN

**TRIPLEX 400 KCMIL
SHORE-TO-SHIP CABLE**

NSN 6145-21-908-8876

PART NUMBER: TPX400TW

DESIGN REFERENCES

- A. UFC 4-150-02 Dockside Utilities for Ship Service
- B. ICEA S-75-381 Portable and Power Feeder Cables for use in Mines and Similar Applications
ANSI/NEMA WC 58

DESIGN DETAILS:

Conductor

Material Soft drawn annealed stranded tinned copper conductors
Size 400 kcmil

Insulation

Material EPR rated for 90° C
Color Code Black, White, Red

Reinforcement

Braid Fiber reinforcing braid embedded in approximate center of the jacket

Banding

Material Design method and material to be determined by cable manufacture.
Color Black

DESIGN RATINGS:

Voltage 600 Volt rating

Temperature 90° C Max Conductor Temperature

Ampacity 380 Amps based on 30° C ambient temperature, 90° C conductor temperature, three current carrying conductors, per NEC Table 310.16

Triplex OD 2.68 inches nominal

Triplex Weight 5015 lbs/ 1000 feet approximate

Triplex Banding Approximately every six (6) feet.

