Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

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 0A1 / Noyau 0A1
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Electrical & Electronics Products Division
11 Laurier St./11, rue Laurier
6B1, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

Title - Sujet CABLE 4 & 10 CONDUIT	
Solicitation No. - N° de l'invitation 31184-120279/A	**Amendment No. - N° modif.** 005
Client Reference No. - N° de référence du client 31184-120279	**Date** 2013-01-17
GETS Reference No. - N° de référence de SEAG PW-$$HN-330-61412	
File No. - N° de dossier hn330.31184-120279	**CCC No./N° CCC - FMS No./N° VME**
Solicitation Closes - L'invitation prend fin **at - à 02:00 PM** **on - le 2013-02-04**	**Time Zone** **Fuseau horaire** Eastern Standard Time EST
F.O.B. - F.A.B. **Plant-Usine:** ☐ **Destination:** ☑ **Other-Autre:** ☐	
Address Enquiries to: - Adresser toutes questions à: St-Jacques, Nicole	**Buyer Id - Id de l'acheteur** hn330
Telephone No. - N° de téléphone (819) 956-8305 ( )	**FAX No. - N° de FAX** ( ) -
Destination - of Goods, Services, and Construction: **Destination - des biens, services et construction:**	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	**Delivery Offered - Livraison proposée**
Vendor/Firm Name and Address **Raison sociale et adresse du fournisseur/de l'entrepreneur** **Telephone No. - N° de téléphone** **Facsimile No. - N° de télécopieur**	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) **Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)** **Signature** **Date**	

Canada

Amendment 005 is raised to provide additional information as follows:

1) INSERT - ANNEX "A"

EPD-DND-22861 and EPD-DND-22844 - Output Performance Requirements

No.	Requirement	Description	Value
1	**Heat Resistance**	The cable assembly is to perform to a maximum temperature without failing.	150ºC (302ºF)
2	**Fluid Resistance**	Sampled specimens, of cable jackets covered by this specification, except for Coaxial cables, should be subjected to immersion for 24 hours in the fluids specified in Table 1, at the specified temperatures. Following immersion, the samples should be allowed to air dry at room temperature for a maximum of 4 hours. Tensile strength and elongation should then be determined in accordance with MIL-C-27500G, paragraph 4.5.12.1. Recorded values should equal or exceed the retention limits in Table 1, expressed as minimum percentages of original specimen strength and elongation values prior to immersion.	Reference Immersion Fluid (Table 1)
3	**Chemical Resilient**	The decontamination requirement should be verified by inspection and analysis of materials used in addition to the following test. Decontamination Method 7 should be applicable, as outlined in B-GS-316-012/FP-001, and B-GS-316-014/FP-001 and using the following decontaminants: a). Decontaminant "C1" should be used on cables designated for normal deployment outside a vehicle or shelter, or that are designated for exterior installation on a vehicle or shelter; and, b). Decontaminant "C8" should be used on cables designated for normal deployment inside a vehicle or shelter, and that may also be capable of remote operation outside a vehicle or shelter. The decontamination requirement should be verified by inspection and analysis of materials used in addition to the following test. The agent stimulant 17.4 grams PEG 200 (polyethylene glycol) to 1 gram of Tinopol (SWN) is delivered as a fog to the unreeled cables (connector caps in place on each end) with a B&G sprayer T-100 using a fine nozzle. The agent is delivered at varying concentration droplet sizes in the range of 300 to 3000 microns in diameter. The spray is applied in a single pass from above the cable, top to bottom. The nozzle is to be held one foot in front of the cable. The process is repeated on all sides of the assembly. The cable is then decontaminated by rinsing, washing and wiping using either "C1" or "C8" (as appropriate) applied by Method 7 in accordance with B-GS-316-012/FP-001 and B-GS-316-014/FP-001.	As described in the specifications called up.
3	**Chemical Resilient**	An ultraviolet light, which causes the Tinopol (SWN) to fluoresce is then used to check the cable for any remaining agent stimulant. No visual degradation of material properties or permanent damage to the cable is permitted.	
4	**Bend Radius**	The cable assembly minimum bend radius allowing the cable to preform without damaging any of the cable components.	Bend Radius=5x Cable O.D.

5	**EMI**	EMI Requirement the cable assembly must meet.	
		All cables shall have two overall screening layers of tin-coated copper braid.	As described
		Each braid shall individually provide not less than 90-percent optical-screening coverage.	As described
		Each braid shall meet all the applicable electrical and mechanical performance requirements of MIL Spec QQ-B-575 or AA59569.	As described
		The double-overall cable shields shall be separated by a polyester insulating wrap, overlapped by at least 40%, between the two layers of braid to provide electrical isolation between them throughout their entire length.	As described

Immersion Fluid Table (Table 1)	Test Temperature
MIL-G-3056F Automotive Gasoline	20+/-2ºC
VV-F-800D Diesel Fuel Oil	50+/-2ºC
MIL-L-2104F Automotive Lube Oil	100+/-2ºC
MIL-L-46167B Automotive Lube Oil, Arctic	100+/-2ºC
MIL-H-46170B Hydraulic Fluid	50+/-2ºC
MIL-A-8243D Anti-Icing/De-icing Fluid	50+/-2ºC
Can 2-3.890-M83 Coolant	20+/-2ºC
TT-I-735A Isopropyl Alcohol Cleaner	20+/-2ºC

The bidder must provide **Test Results** and **Certificate of Conformance** for the EPD-DND-22861 and EPD-DND-22844 cable with their bid.

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2) PART 2 - BIDDER INSTRUCTIONS

DELETE

1.1. SACC Manual Clauses

B4024T	No Substitute Products	2006-08-15

RE-INSERT

1.2 - Equivalent Products
1.3 - Technical Documentation

INSERT

1.4 - Substitute Products - Samples (DND)

If the Bidder offers a substitute product, Canada reserves the right to request a sample from the Bidder in order to determine its equivalency in form, fit, function, quality and performance to the item specified in the bid solicitation.

The Bidder must, upon request from the Contracting Authority, provide a sample to the Technical Authority, transportation charges prepaid, and without charge to Canada, within **ten (10) calendar days** from the date of request. The sample submitted by the Bidder will remain the property of Canada and will not be considered as part of the deliverables in any resulting contract. If the sample does not meet the requirements of the bid solicitation or the Bidder fails to comply with the request of the Contracting Authority, the bid will be declared non-responsive.

Sample must be minimum length of three (3) feet.

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3) PART 3 - BID PREPARATION INSTRUCTIONS

RE-INSERT

Section 1: Technical Bid (2 copies)

4) CLOSING DATE

DELETE: January 21st, 2013

INSERT: February 4th, 2013

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.