



**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
Bid Fax: (819) 997-9776

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services 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, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux 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, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

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
7B3, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

Title - Sujet ANTENNA SYSTEM STRUCTURE & CABLE	
Solicitation No. - N° de l'invitation W8474-177298/A	Date 2016-10-06
Client Reference No. - N° de référence du client W8474-177298	
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-463-71674	
File No. - N° de dossier hn463.W8474-177298	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-10-25	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: De Rito, Johanne	Buyer Id - Id de l'acheteur hn463
Telephone No. - N° de téléphone (819) 420-0332 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE 25 CFSD MONTREAL 6363 RUE NOTRE DAME ST E. MONTREAL Quebec H1N2E9 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée See Herein	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



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	NSN - NNO: 5340-00-059-3305 TURNBUCKLE TENDEUR NSCM/CAGE - COF/CAGE: 75535 Part No. - N° de la partie: G228 5-8X12	WB941	W8474	45	Each	\$	XXXXXXXXXXXX	See Herein	
2	NSN - NNO: 5306-00-087-1628 BOLT, MACHINE PART: 2009-8861-001 NSCM: 36620 PART: 919065-0007 NSCM: 65597 PART: MS16208-7 NSCM: 80205	WB941	W8474	1000	Each	\$	XXXXXXXXXXXX	See Herein	
3	NSN - NNO: 4010-00-123-3343 GUY HAUBAN PART: 001-PRF-04P NSCM: 38178 PART: BG4216 NSCM: 04025	WB941	W8474	200	Each	\$	XXXXXXXXXXXX	See Herein	
4	NSN - NNO: 5975-00-127-5874 GRIP,GUY,PREFORMED ATTACHE PREFO RMEE NSCM/CAGE - COF/CAGE: 04025 Part No. - N° de la partie: BG4223	WB941	W8474	200	Each	\$	XXXXXXXXXXXX	See Herein	



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5	NSN - NNO: 4030-00-188-0525 ANCHOR,GUY ANCRAGE,DE HAUBAN PART: 6346 NSCM: 73569 PART: 7526 NSCM: 35086 PART: 5B135-5-1 NSCM: 80063	WB941	W8474	50	Each	\$		XXXXXXXXXXXX	See Herein	
6	NSN - NNO: 4030-00-266-0063 THIMBLE,ROPE COSSE,CABLE PART: G12986400 NSCM: 10001 PART: G12986450 NSCM: 10001 PART: G414 5-16 NSCM: 75535 PART: 363072PC5 NSCM: 10001	WB941	W8474	60	Each	\$		XXXXXXXXXXXX	See Herein	
7	NSN - NNO: 5920-00-280-5020 FUSE,CARTRIDGE FUSIBLE,CARTOUCHE PART: 416143-63 NSCM: 96214 PART: VBE860-2B1K5 NSCM: H0203 PART: S170346 NSCM: 14632 PART: 352250005439 NSCM: H0203 PART: B2R78P38 NSCM: 03538	WB941	W8474	125	Each	\$		XXXXXXXXXXXX	See Herein	
8	NSN - NNO: 5975-00-477-7197 GRIP,GUY NSCM/CAGE - COF/CAGE: 04025 Part No. - N° de la partie: BG2111	WB941	W8474	80	Each	\$		XXXXXXXXXXXX	See Herein	
9	NSN - NNO: 4030-00-542-3183 SHACKLE MANILLE NSCM/CAGE - COF/CAGE: 81348 Part No. - N° de la partie: RRC271	WB941	W8474	25	Each	\$		XXXXXXXXXXXX	See Herein	
10	NSN - NNO: 5340-00-663-3411 TURNBUCKLE TENDEUR PART: 2350-5900-106 NSCM: 06032 PART: G227-1-2X12 NSCM: 75535	WB941	W8474	50	Each	\$		XXXXXXXXXXXX	See Herein	
11	NSN - NNO: 5975-00-771-5284 CONNECTOR,GROUND NSCM/CAGE - COF/CAGE: 1NJK8 Part No. - N° de la partie:	WB941	W8474	50	Each	\$		XXXXXXXXXXXX	See Herein	



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						Destination	FOB/FAM			
11	GAR644C									
12	NSN - NNO: 5340-00-837-6383 TURNBUCKLE TENDEUR NSCM/CAGE - COF/CAGE: 75535 Part No. - N° de la partie: G228-3-4X18	WB941	W8474	30	Each	\$	XXXXXXXXXXXX		See Herein	



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13	NSN - NNO: 5315-01-015-8720 PIN, QUICK RELEASE BROCHE, A EXTR ACTION RAPIDE NSCM/CAGE - COF/CAGE: 338L5 Part No. - N° de la partie: 350586	WB941	W8474	20	Each	\$	XXXXXXXXXXXX	See Herein	
14	NSN - NNO: 4030-01-029-1163 STAKE, BASE PLATE PIQUET, PLAQUE D 'APPUI NSCM/CAGE - COF/CAGE: 338L5 Part No. - N° de la partie: 880021	WB941	W8474	8	Each	\$	XXXXXXXXXXXX	See Herein	
15	NSN - NNO: 5340-01-055-4943 TURNBUCKLE TENDEUR PART: 2350-5900-109 NSCM: 75535 PART: 2350-5900-109 NSCM: 71747 PART: 2350-5900-109 NSCM: 06032	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	
16	NSN - NNO: 4030-01-115-6660 SHACKLE MANILLE PART: RR-C-271 TYIVA GRA CL1 5/16 NSCM: 81348	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	



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17	NSN - NNO: 5340-01-116-0975 TURNBUCKLE TENDEUR PART: 015-4166-000 NSCM: 13499 PART: G-227-5/8 X 12 NSCM: 75535	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
18	NSN - NNO: 4030-01-117-6379 SHACKLE MANILLE NSCM/CAGE - COF/CAGE: 75535 Part No. - N° de la partie: G-213-1/2 IN	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
19	NSN - NNO: 4030-01-120-3933 THIMBLE, ROPE COSSE, CABLE PART: G-408-1037595 NSCM: 75535 PART: G-408-1/2 NSCM: 75535	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
20	NSN - NNO: 4030-01-120-5633 THIMBLE, ROPE COSSE, CABLE PART: G-411-1037274 NSCM: 75535 PART: G-408-3/16 NSCM: 75535	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	



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21	NSN - NNO: 4030-01-120-9479 BAND,WIRE STRAND LIGATURE,CABLE TORONNE NSCM/CAGE - COF/CAGE: 06032 Part No. - N° de la partie: 2350-2300-020	WB941	W8474	40	Each	\$	XXXXXXXXXXXX		See Herein	
22	NSN - NNO: 5340-01-121-2957 TURNBUCKLE TENDEUR PART: HG228-1-12 NSCM: 75535 PART: 45311-35 NSCM: 96157 PART: G-228-1-12 NSCM: 75535	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
23	NSN - NNO: 5340-01-124-7919 TURNBUCKLE TENDEUR NSCM/CAGE - COF/CAGE: 75535 Part No. - N° de la partie: G-227-1 1/4 X 12	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
24	NSN - NNO: 4030-01-125-1128 BAND,WIRE STRAND LIGATURE,CABLE TORONNE PART: GC-65128 NSCM: 04025 PART: 2350-2300-003 NSCM: 06032	WB941	W8474	100	Each	\$	XXXXXXXXXXXX		See Herein	



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25	NSN - NNO: 5975-01-173-6936 GRIP,GUY,PREFORMED PART: 2350-6263-001 NSCM: 06032 PART: AWDE12.5M NSCM: 04025 PART: AWDE-4119 NSCM: 04025	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
26	NSN - NNO: 5985-01-187-4701 MAST SECTION MAT,SECTION NSCM/CAGE - COF/CAGE: 338L5 Part No. - N° de la partie: 880018	WB941	W8474	2	Each	\$	XXXXXXXXXXXX		See Herein	
27	NSN - NNO: 5120-01-223-7644 GRIP,GUY,PREFORMED ATTACHE PREFORMEE PART: 001-PRF-07P NSCM: 30103 PART: 001-PRF-07P NSCM: 38178 PART: BG-4210 NSCM: 04025	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
28	NSN - NNO: 5985-01-263-7327 MAST SECTION MAT,SECTION NSCM/CAGE - COF/CAGE: 338L5 Part No. - N° de la partie: 880014	WB941	W8474	2	Each	\$	XXXXXXXXXXXX		See Herein	



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29	NSN - NNO: 5985-01-272-1190 MAST SECTION MAT,SECTION NSCM/CAGE - COF/CAGE: 338L5 Part No. - N° de la partie: 880015	WB941	W8474	2	Each	\$	XXXXXXXXXXXXXX		See Herein	
30	NSN - NNO: 5985-01-342-8778 MAST MAT NSCM/CAGE - COF/CAGE: 1BZ19 Part No. - N° de la partie: CTM15J	WB941	W8474	8	Each	\$	XXXXXXXXXXXXXX		See Herein	
31	NSN - NNO: 5445-01-344-0234 PIVOT FOOT, TOWER NSCM/CAGE - COF/CAGE: 338L5 Part No. - N° de la partie: 380157	WB941	W8474	4	Each	\$	XXXXXXXXXXXXXX		See Herein	
32	NSN - NNO: 4030-01-366-5565 SHACKLE MANILLE PART: 10-18473 NSCM: 75535 PART: G-209 3.25T NSCM: 75535 PART: SH2207 NSCM: U0205 PART: 140038 NSCM: 38178 PART: G-209 1018473 NSCM: K2516 PART: P-58SH NSCM: 3AH51	WB941	W8474	50	Each	\$	XXXXXXXXXXXXXX		See Herein	
33	NSN - NNO: 4030-01-443-3040 SHACKLE MANILLE PART: 140036 NSCM: 38178 PART: 1018419 NSCM: 75535 PART: 22221614 NSCM: 406BB	WB941	W8474	50	Each	\$	XXXXXXXXXXXXXX		See Herein	
34	NSN - NNO: 5975-01-450-6325 GRIP, GUY, PREFORMED NSCM/CAGE - COF/CAGE: 04025 Part No. - N° de la partie: CDE-3103	WB941	W8474	50	Each	\$	XXXXXXXXXXXXXX		See Herein	
35	NSN - NNO: 5935-01-478-0053 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE	WB941	W8474	150	Each	\$	XXXXXXXXXXXXXX		See Herein	



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35	• PART: L4TNM-PS NSCM: Z3446 PART: 180311-0000 NSCM: 64415 PART: L4TNM-PSA NSCM: 84147 PART: 40056333 NSCM: K3902 PART: 40056333 NSCM: KCUC6 PART: L4TNM-PSA NSCM: K6608								



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36	NSN - NNO: 5935-01-493-6268 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE • PART: F4PNMV2-HC NSCM: ZT306 PART: F4PNMV2-HC NSCM: 84147	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	
37	NSN - NNO: 5935-01-514-7432 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE END ITEM IDENTIFICATION: SSN-774 VIRGINIA CLASS SUBMARINE • PART: L4TNF-PSA NSCM: 84147 PART: H683-0901-091 NSCM: 96169	WB941	W8474	75	Each	\$	XXXXXXXXXXXX	See Herein	
38	NSN - NNO: 4030-01-533-5234 THIMBLE, ROPE COSSE, CABLE PART: G-408-5/16 NSCM: 75535 PART: G-408-1037559 NSCM: 75535	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	
39	NSN - NNO: 4030-01-533-5239 THIMBLE, ROPE COSSE, CABLE PART: G-411-1037390 NSCM: 75535 PART: G-411-3/4 NSCM: 75535	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	



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40	NSN - NNO: 4030-01-533-5392 THIMBLE, ROPE COSSE, CABLE PART: G-408-1/4 NSCM: 75535 PART: G-408-1037531 NSCM: 75535	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
41	NSN - NNO: 4030-01-534-8150 THIMBLE, ROPE COSSE, CABLE PART: G-411-7/8 NSCM: 75535 PART: G-411-1037416 NSCM: 75535	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
42	NSN - NNO: 5975-01-547-4824 ROD, GROUND PIQUET, MISE A LA TERR E NSCM/CAGE - COF/CAGE: 8W992 Part No. - N° de la partie: NCC 5810	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
43	NSN - NNO: 5120-01-552-0947 WRENCH, SOCKET CLE, A DOUILLE NSCM/CAGE - COF/CAGE: 57010 Part No. - N° de la partie: 875949	WB941	W8474	18	Each	\$	XXXXXXXXXXXX		See Herein	



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44	NSN - NNO: 5985-01-552-0949 MAST SECTION MAT,SECTION NSCM/CAGE - COF/CAGE: 338L5 Part No. - N° de la partie: 880023	WB941	W8474	2	Each	\$	XXXXXXXXXXXX	See Herein	
45	NSN - NNO: 5985-01-552-0954 MAST SECTION MAT,SECTION NSCM/CAGE - COF/CAGE: 338L5 Part No. - N° de la partie: 880028	WB941	W8474	2	Each	\$	XXXXXXXXXXXX	See Herein	
46	NSN - NNO: 4030-01-552-1437 THIMBLE, ROPE COSSE, CABLE NSCM/CAGE - COF/CAGE: 338L5 Part No. - N° de la partie: 356589	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	
47	NSN - NNO: 5985-01-553-0652 ANTENNA ELEMENT ANTENNE, ELEMENT NSCM/CAGE - COF/CAGE: 338L5 Part No. - N° de la partie: 870460	WB941	W8474	2	Each	\$	XXXXXXXXXXXX	See Herein	



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48	NSN - NNO: 5985-01-553-0658 ANTENNA ELEMENT ANTENNE,ELEMENT NSCM/CAGE - COF/CAGE: 338L5 Part No. - N° de la partie: 870495	WB941	W8474	2	Each	\$	XXXXXXXXXXXX		See Herein	
49	NSN - NNO: 5985-01-553-0659 ANTENNA ELEMENT ANTENNE,ELEMENT NSCM/CAGE - COF/CAGE: 338L5 Part No. - N° de la partie: 870602	WB941	W8474	2	Each	\$	XXXXXXXXXXXX		See Herein	
50	NSN - NNO: 5985-01-555-5287 MAST MAT NSCM/CAGE - COF/CAGE: 1BZ19 Part No. - N° de la partie: CTM-15S	WB941	W8474	8	Each	\$	XXXXXXXXXXXX		See Herein	
51	NSN - NNO: 6145-01-562-7106 CABLE,RADIO FREQUENCY CABLE,RADI OFREQUENCE NSCM/CAGE - COF/CAGE: 84147 Part No. - N° de la partie: AVA5-50FX	WB941	W8474	10000	FT	\$	XXXXXXXXXXXX		See Herein	



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52	NSN - NNO: 5935-01-583-0251 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE • CONNECTOR, HELIAX, 1 5/8 INCH N TYPE FEMALE, USED WITH AVA7-50 COPPER CABLE NSCM/CAGE - COF/CAGE: 84147 Part No. - N° de la partie: 158EZN	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
53	NSN - NNO: 5935-01-583-0278 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE • CONNECTOR, HELIAX, 1 5/8 INCH N TYPE MALE, USED WITH AVA7-50 COPPER CABLE NSCM/CAGE - COF/CAGE: 84147 Part No. - N° de la partie: 158EZN	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	



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54	NSN - NNO: 5935-01-583-0280 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE • CONNECTOR, HELIAX, 7/8 INCH N TYPE MALE, USED WITH AVA5-50 COPPER CABLE NSCM/CAGE - COF/CAGE: 84147 Part No. - N° de la partie: 78EZNM	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
55	NSN - NNO: 5935-01-585-6510 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE • CONNECTOR, HELIAX, 1/2 INCH N TYPE MALE, RIGHT ANGLE, USED WITH LDF4-50A COPPER CABLE NSCM/CAGE - COF/CAGE: 84147 Part No. - N° de la partie: 12EZNM	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	



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56	NSN - NNO: 6145-01-608-5482 CABLE,RADIO FREQUENCY CABLE,RADI OFREQUENCE NSCM/CAGE - COF/CAGE: 8J915 Part No. - N° de la partie: LHF-12D	WB941	W8474	1000	MR	\$	XXXXXXXXXXXX	See Herein	
57	NSN - NNO: 6145-01-608-5493 CABLE,RADIO FREQUENCY CABLE,RADI OFREQUENCE NSCM/CAGE - COF/CAGE: 8J915 Part No. - N° de la partie: LHF-22D	WB941	W8474	1000	MR	\$	XXXXXXXXXXXX	See Herein	
58	NSN - NNO: 5935-01-608-5495 CONNECTOR,PLUG,ELECTRICAL CONNECTEUR ELECTRIQUE,FICHE NSCM/CAGE - COF/CAGE: 8J915 Part No. - N° de la partie: CLH-12NM	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	



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59	NSN - NNO: 5935-01-608-5500 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE NSCM/CAGE - COF/CAGE: 8J915 Part No. - N° de la partie: CLH-12NF	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	
60	NSN - NNO: 5935-01-608-5501 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE NSCM/CAGE - COF/CAGE: 8J915 Part No. - N° de la partie: CLH-22NF	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	
61	NSN - NNO: 5935-01-608-5506 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE NSCM/CAGE - COF/CAGE: 8J915 Part No. - N° de la partie: CLH-12NFR	WB941	W8474	25	Each	\$	XXXXXXXXXXXX	See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
62	NSN - NNO: 5935-01-608-5510 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE NSCM/CAGE - COF/CAGE: 8J915 Part No. - N° de la partie: CLH-22NM	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	
63	NSN - NNO: 5935-01-608-5511 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE NSCM/CAGE - COF/CAGE: 8J915 Part No. - N° de la partie: CLH-12NMR	WB941	W8474	25	Each	\$	XXXXXXXXXXXX	See Herein	
64	NSN - NNO: 5935-01-617-2570 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE NSCM/CAGE - COF/CAGE: 8J915 Part No. - N° de la partie: CLH-42NM	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination	Unit Price/Prix unitaire FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
65	NSN - NNO: 5975-01-617-4436 PANEL,ELECTRICAL-ELECTRONIC EQUIPM ENT TABLEAU,EQUIPEMENT ELECTRIQUE/ ELECTRONIQUE NSCM/CAGE - COF/CAGE: 06032 Part No. - N° de la partie: 0002-9082-301	WB941	W8474	2	Each	\$	XXXXXXXXXXXX		See Herein	
66	NSN - NNO: 5935-01-621-3213 CONNECTOR,PLUG,ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE NSCM/CAGE - COF/CAGE: 8J915 Part No. - N° de la partie: CLH-42NF	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
67	NSN - NNO: 5340-20-001-7537 TURNBUCKLE TENDEUR NSCM/CAGE - COF/CAGE: 38178 Part No. - N° de la partie: 140056	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
68	NSN - NNO: 5970-20-001-7548 INSULATOR, STRAIN NSCM/CAGE - COF/CAGE: L0755 Part No. - N° de la partie: AOA-35	WB941	W8474	100	Each	\$	XXXXXXXXXXXX	See Herein	
69	NSN - NNO: 4030-20-001-7668 GUY GRIP, DEAD END ATTACHE PREFOR MEE, BOUT DE LIGNE NSCM/CAGE - COF/CAGE: 38178 Part No. - N° de la partie: 140018	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	
70	HALFWAY-UP ADAPTER NSN: P5985-20-A088823 NSCM/CAGE - COF/CAGE: 1BZ19 Part No. - N° de la partie: SL33422	WB941	W8474	10	Each	\$	XXXXXXXXXXXX	See Herein	
71	T-BAR ADAPTER NSN: P5985-20-A088824 NSCM/CAGE - COF/CAGE: 1BZ19 Part No. - N° de la partie: SL33423	WB941	W8474	10	Each	\$	XXXXXXXXXXXX	See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination	Unit Price/Prix unitaire FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
72	TRIPOD TREPIED NSN: P5985-20-A089114 NSCM/CAGE - COF/CAGE: 1BZ19 Part No. - N° de la partie: TR100/15	WB941	W8474	2	Each	\$	XXXXXXXXXXXX		See Herein	
73	NSN - NNO: 4030-21-862-5891 SHACKLE MANILLE PART: P-288C NSCM: 3AH51 PART: J732 NSCM: 35086	WB941	W8474	25	Each	\$	XXXXXXXXXXXX		See Herein	
74	NSN - NNO: 8040-21-862-6776 ADHESIVE ADHESIF PART: 92063 NSCM: 20183 PART: S330-79 NSCM: 54418 PART: SILASTIC732RTVCLEAR NSCM: 71984 PART: SUPERFLEX 595-CLEAR NSCM: 08028 PART: RTV 108 3TG-TUBE 90 GR NSCM: 01139 PART: C500-003-0001 NSCM: 07421	WB941	W8474	500	TU	\$	XXXXXXXXXXXX		See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination	Unit Price/Prix unitaire FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
75	NSN - NNO: 4030-21-870-0487 SHACKLE MANILLE NSCM/CAGE - COF/CAGE: 75535 Part No. - N° de la partie: G-213 2T	WB941	W8474	50	EA	\$	XXXXXXXXXXXX		See Herein	
76	NSN - NNO: 4030-21-870-0489 SHACKLE MANILLE NSCM/CAGE - COF/CAGE: 75535 Part No. - N° de la partie: G-213 4-3/4T	WB941	W8474	50	EA	\$	XXXXXXXXXXXX		See Herein	
77	NSN - NNO: 6145-21-877-5995 CABLE,RADIO FREQUENCY CABLE,RADI OFREQUENCE NSCM/CAGE - COF/CAGE: 35844 Part No. - N° de la partie: HJ7-50A	WB941	W8474	1000	MR	\$	XXXXXXXXXXXX		See Herein	
78	NSN - NNO: 5962-21-895-8117 MICROCIRCUIT,DIGITAL-LINEAR MICROSTRUCTURE,LOGIQUE/ANALOGIQUE NSCM/CAGE - COF/CAGE: 19645 Part No. - N° de la partie: SDC630-1-3	WB941	W8474	4	EA	\$	XXXXXXXXXXXX		See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
79	NSN - NNO: 5935-25-147-3621 CONNECTOR, PLUG, ELECTRICAL CONNECTEUR ELECTRIQUE, FICHE NSCM/CAGE - COF/CAGE: U7810 Part No. - N° de la partie: F4PNF-C	WB941	W8474	30	Each	\$	XXXXXXXXXXXX	See Herein	
80	NSN - NNO: 6145-37-519-1348 CABLE, RADIO FREQUENCY CABLE, RADIO FREQUENCY OUTSIDE DIAMETER>46.5 MILLIMETERS NOMINAL INSIDE DIAMETER>18.1 MILLIMETERS NOMINAL SPECIAL FEATURES>CONDUCTOR MATERIAL: COPPER;MIN. BENDING RADIUS: 500MM;PULLING FORCE (MAX): 181KG;DC RESISTANCE: INNER 1.4 OHMS/1000M, OUTER 0.6 OHMS/1000M • PART: LHF42D NSCM: 1060F PART: LHF-42D NSCM: 8J915	WB941	W8474	1000	MR	\$	XXXXXXXXXXXX	See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination	Unit Price/Prix unitaire FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
81	NSN - NNO: 6635-01-454-6645 TENSIONMETER,DIAL INDICATING TENS IOMETRE NSCM/CAGE - COF/CAGE: 12708 Part No. - N° de la partie: LIX-5	WB941	W8474	5	EA	\$	XXXXXXXXXXXX		See Herein	
82	NSN - NNO: 6635-01-580-9675 TESTER,CABLE TENSIONMETER BANC D'ETALONNAGE,MACHINE D'ESSAI,TENSIO • DILLON QUICK CHECK TENSION METER KIT, CONSISTING OF A 10,000 LB DILLON QUICK CHECK METER SC 015617473, SHEAVE CODE "P" SC 015627641, SHEAVE CODE "T" SC 015627642, AND A CARRYING CASE SC 015627640, LINED WITH FOAM PROTECTION FOR HANDY TRANSPORT. NSCM/CAGE - COF/CAGE: 17885 Part No. - N° de la partie: NAT-780 KIN	WB941	W8474	5	KT	\$	XXXXXXXXXXXX		See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination	Unit Price/Prix unitaire FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
83	NSN - NNO: 5110-01-583-6701 STRIPPER,CABLE,HAND DENUDEUR,CAB LE CABLE PREPARATION TOOL, AUTOMATED, USED ON 1 1/4 INCH HELIAX CABLE NSCM/CAGE - COF/CAGE: 84147 Part No. - N° de la partie: CPT-114U	WB941	W8474	5	EA	\$	XXXXXXXXXXXX		See Herein	
84	NSN - NNO: 5110-01-583-6712 STRIPPER,CABLE,HAND DENUDEUR,CAB LE CABLE PREPARATION TOOL, AUTOMATED, USED ON 7/8 INCH HELIAX CABLE NSCM/CAGE - COF/CAGE: 84147 Part No. - N° de la partie: CPT-78U	WB941	W8474	5	EA	\$	XXXXXXXXXXXX		See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination	Unit Price/Prix unitaire FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
85	NSN - NNO: 5110-01-583-6737 STRIPPER,CABLE,HAND DENUDEUR,CAB LE CABLE PREPARATION TOOL, AUTOMATED, USED ON 1 5/8 INCH HELIAX CABLE NSCM/CAGE - COF/CAGE: 84147 Part No. - N° de la partie: CPT-158U	WB941	W8474	5	EA	\$	XXXXXXXXXXXX		See Herein	
86	NSN - NNO: 5935-01-631-8517 CONNECTOR,PLUG,ELECTRICAL CONNECTEUR ELECTRIQUE,FICHE NSCM/CAGE - COF/CAGE: 84147 Part No. - N° de la partie: AL7NF-PSA	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
87	NSN - NNO: 5340-20-004-2601 TURNBUCKLE TENDEUR NSCM/CAGE - COF/CAGE: 3AH51 Part No. - N° de la partie: P-3412CE	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination	Unit Price/Prix unitaire FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
88	NSN - NNO: 5340-20-004-2603 TURNBUCKLE TENDEUR NSCM/CAGE - COF/CAGE: 3AH51 Part No. - N° de la partie: P-7812CE	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
89	NSN - NNO: 5340-20-004-2604 TURNBUCKLE TENDEUR NSCM/CAGE - COF/CAGE: 3AH51 Part No. - N° de la partie: P-5812CE	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
90	NSN - NNO: 4030-20-004-2798 THIMBLE, ROPE COSSE, CABLE NSCM/CAGE - COF/CAGE: 3AH51 Part No. - N° de la partie: P-58GTHD	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	
91	NSN - NNO: 4030-20-004-2809 SHACKLE MANILLE NSCM/CAGE - COF/CAGE: 3AH51 Part No. - N° de la partie: P-12SH	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
92	NSN - NNO: 4030-20-004-2814 THIMBLE, ROPE COSSE, CABLE NSCM/CAGE - COF/CAGE: 3AH51 Part No. - N° de la partie: P-58GT	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	
93	NSN - NNO: 5340-20-004-4297 TURNBUCKLE TENDEUR NSCM/CAGE - COF/CAGE: 35085 Part No. - N° de la partie: JE-08-12	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	
94	NSN - NNO: 5340-20-004-4298 TURNBUCKLE TENDEUR NSCM/CAGE - COF/CAGE: 35085 Part No. - N° de la partie: JE-10-12	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	
95	NSN - NNO: 4030-20-004-7009 SHACKLE MANILLE NSCM/CAGE - COF/CAGE: 3AH51 Part No. - N° de la partie: P-716SH	WB941	W8474	50	Each	\$	XXXXXXXXXXXX	See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination	Unit Price/Prix unitaire FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
96	NSN - NNO: 6210-20-007-1713 LIGHT, MARKER, KIT, AIRCRAFT OBSTRUCT ION SPECIAL FEATURES>FACILITATES UP TO 100 FT TOWER; KIT CONSIST OF 19 ITEMS; INCLUDES RTO-CR07-002 QTY 1; PART NO THS STO50-464 QTY 6; PART NO TC-212 QTY 37 METER; PART NO SQDCHU362DS D 60A DISCONNECT QTY 1 AND ALL ATTACHMENT HARDWARE FOR ANCILLARY ITEMS NSCM/CAGE - COF/CAGE: L8057 Part No. - N° de la partie: STS-RTO-TP1-KIT	WB941	W8474	10	KT	\$	XXXXXXXXXXXX		See Herein	
97	NSN - NNO: 5340-21-874-3911 TURNBUCKLE TENDEUR PART: G228-1-2X12 NSCM: 75535 PART: 10-32590 NSCM: 75535 PART: 001-TNB-02P NSCM: 30103	WB941	W8474	50	Each	\$	XXXXXXXXXXXX		See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
98	NSN - NNO: 5445-20-003-8420 TOWER PYLONE PART: 100 L 160 SS CSA NSCM: 38160 PART: STSAWSS100-72 NSCM: 38160 PART: 100 L 160 SS CSA NSCM: 1C846	WB941	W8474	2	KT	\$	XXXXXXXXXXXX	See Herein	
99	NSN - NNO: 5445-20-003-8661 TOWER PYLONE PART: STSAWSS60-54 NSCM: 38160 PART: 60 L 140 SS CSA NSCM: 1C846 PART: STSAWSS60-54 NSCM: L8057	WB941	W8474	2	KT	\$	XXXXXXXXXXXX	See Herein	
100	NSN - NNO: 5445-20-004-2788 TOWER PYLONE NSCM/CAGE - COF/CAGE: 35085 Part No. - N° de la partie: ALPT 0800 0001	WB941	W8474	4	EA	\$	XXXXXXXXXXXX	See Herein	

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ANNEXES

- “A” Requirement and Pricing
“B” Specification for items 098 and 099

PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement associated with the requirement.

1.2 Requirement

The contractor must provide the goods in accordance with the technical requirements stated in Annex "A" and Annex "B" herein.

The "Specification for 60 and 100 foot AWSS Self-Support Communication Towers" attached in Annex "B" details the requirements for items 098 and 099.

1.2.1 Delivery Requirement

Delivery is requested to be completed by January 31, 2017.

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 15 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 World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT)."

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) (<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 (2016-04-04) Standard Instructions - Goods - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods - Competitive Requirements, is amended as follows:

Delete: 60 days
Insert: 90 days

2.1.1 SACC Manual Clauses

SACC Reference	Section	Date
A9033T	Financial Capability	2012-07-16
A9130T	Controlled Goods Program for item 065	2014-11-27
B1000T	Condition of Material	2014-06-26

2.1.1.1 Improvement of Requirement During Solicitation Period for items 098 and 099 in Annex "B"

Should bidders consider that the specifications contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favor a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least fifteen (15) days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

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 on page 1 of the bid solicitation.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than five (5) 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.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

Section I:	Technical Bid	(2) hard copies
Section II:	Financial Bid	(1) hard copy
Section III:	Certifications	(1) hard copy
Section IV:	Additional Information	(1) hard copy

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 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, Bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

3.1.1 Equivalent Product

1. Products that are equivalent in form, fit, function and quality to the item(s) specified in the bid solicitation will be considered where the Bidder designates the brand name and model and/or part number and NCAGE of the substitute product.
2. Furthermore, if an equivalent part is offered, its technical specifications sheet must also be stamped and certified as an acceptable substitute by a certified Professional Engineer (P.Eng). Any substitute part which fails to meet these criteria will be considered non-responsive.
3. Products offered as equivalent in form, fit, function and quality will not be considered if:
 - (a) the bid fails to provide all the information requested to allow the Contracting Authority to fully evaluate the equivalency of each substitute product; or
 - (b) the substitute product fails to meet or exceed the mandatory performance criteria specified in the bid solicitation for that item.
4. In conducting its evaluation of the bids, Canada may, but will have no obligation to, request bidders offering a substitute product to provide technical information demonstrating the equivalency (e.g. Drawing, specifications, engineering reports and/or test reports), or to demonstrate that the substitute product is equivalent to the item specified in the bid solicitation, at the sole cost of bidders, within fifteen (15) business days of the request. If the bidder fails to provide the requested information within the specified timeframe, Canada may declare the bid non-responsive.

3.1.1.1 Equivalent Products - Samples

If the Bidder offers an equivalent 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 fifteen (15) 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.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

3.1.2 Pricing - Multi-Item Bid Solicitation

Bidders do not have to quote a price for every item in the bid solicitation in order to be evaluated. Bidders may withdraw one or more items after bid closing but prior to contract award by advising in writing the Contracting Authority.

3.1.2.1 Exchange Rate Fluctuation Risk Mitigation

1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form PWGSC-TPSGC 450, Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.
2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).
4. At time of bidding, the Bidder must complete columns (1) to (4) on form PWGSC-TPSGC 450, for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
5. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

Section III: Certifications

Bidders must submit the certifications required under Part 5.

Section IV: Additional Information

3.1.3 Delivery Offered

Offered delivery is indicated at the item description herein.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

You are reminded that this solicitation requires the compliance and/or completion of requirements attached as an Annex and forming part of this document.

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

All bids must be completed in full and provide all of the information requested in the bid solicitation to enable full and complete evaluation.

4.1.1.1 Mandatory Technical Criteria

The following Mandatory requirements must be submitted with the bid for evaluation

- Technical compliance herein;
- Bids must be submitted for all destinations per NSN.

4.1.2 Pricing Basis

The bidder must quote firm unit prices in Canadian dollars DDP Delivered Duty Paid (destination), Applicable Taxes extra, as applicable. Freight charges to destination and all applicable Custom duties and Excise taxes must be included.

4.2 Basis of Selection

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 Average Unit Price on an item by item basis will be recommended for award of a contract.

$$\text{Average Unit Price} = \frac{\text{Firm Quantity Unit Price} + \text{Option Quantity Unit Price}}{2}$$

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. 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 *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide with its bid the required documentation, as applicable, to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

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 *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 General Environmental Criteria Certification

The Bidder must select and complete one of the following two certification statements.

- A) The Bidder certifies that the Bidder is registered or meets ISO 14001.

Bidders' Authorized Representative Signature

Date

or

- B) The Bidder certifies that the Bidder meets and will continue to meet throughout the duration of the contract, a minimum of four (4) out of six (6) criteria identified in the table below.

The Bidder must indicate which four (4) criteria, as a minimum, are met.

Green Practices within the Bidders' organization	Insert a checkmark for each criterion that is met
Promotes a paperless environment through directives, procedures and/or programs	
All documents are printed double sided and in black and white for day to day business activity unless otherwise specified by your client	
Paper used for day to day business activity has a minimum of 30% recycled content and has a sustainable forestry management certification	
Utilizes environmentally preferable inks and purchase remanufactured ink cartridges or ink cartridges that can be returned to the manufacturer for reuse and recycling for day to day business activity.	
Recycling bins for paper, newsprint, plastic and aluminum containers available and emptied regularly in accordance with local recycling program.	
A minimum of 50% of office equipment has an energy efficient certification.	

Bidders' Authorized Representative Signature

Date

5.2.3 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](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969) website
(http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969).

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.

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 this Contract.

6.2 Requirement

The contractor must provide the goods in accordance with the technical requirements stated herein.

6.2.1 Optional Goods

The Contractor grants to Canada the irrevocable option to acquire 100% of the goods described in the Contract under the same conditions and at the prices stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, in whole or in part, through a contract amendment.

The Contracting Authority may exercise the option within 12 months after contract award by sending a written notice to the Contractor.

6.2.2 SACC Manual Clauses

SACC Reference	Section	Date
B1501C	Electrical Equipment	2006-06-16
B4019C	United States Military Specifications and Standards	2015-02-25
B7500C	Excess Goods	2006-06-16

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) (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](#) (2016-04-04), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.3.1.1 SACC Manual Clauses

SACC Reference	Section	Date
A9131C	Controlled Goods Program for item 065	2014-11-27
B4060C	Controlled Goods for item 065	2011-05-16
C2800C	Priority Rating	2013-01-28
C2801C	Priority Rating - Canadian Contractors	2014-11-27

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before _____ (Delivery as offered and as accepted will be inserted at contract award).

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Johanne De Rito, Supply Officer
Public Works and Government Services Canada - Acquisitions Branch
Logistics, Electrical, Fuel and Transportation Directorate - "HN" Division
7B3, Place du Portage, Phase III, 11 Laurier Street, Gatineau, QC, K1A 0S5
Telephone: (819) 420-0332
E-mail address: Johanne.DeRito@tpsgc-pwgsc.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: (will be inserted at contract)

Name:
Title:
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 and telephone number of the person responsible for: (will be inserted at contract)

General enquiries

Name: _____
Telephone: _____
Facsimile: _____
E-mail: _____

Delivery follow-up

Name: _____
Telephone: _____
Facsimile: _____
E-mail: _____

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit prices, as specified in the contract for a cost of \$ _____ (insert the amount at contract award). Customs duties are included to exemption and Applicable Taxes are extra.

6.6.2 Single Payment or Multiple Payments

SACC Manual clause [H1000C](#) (2008-05-12) Single Payment

OR

SACC Manual clause [H1001C](#) (2008-05-12) Multiple Payments

6.6.3 SACC Manual Clauses

SACC Reference	Section	Date
C2611C	Customs Duties - Contractor Importer	2007-11-30
D0050C	End User Certificate	2007-05-25
G1005C	Insurance	2016-01-28

6.6.4 Exchange Rate Fluctuation Adjustment

1. The foreign currency component (FCC) is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuation. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
2. For each line item where a FCC is identified, Canada assumes the risks and benefits for exchange rate fluctuation, as shown in the Basis of Payment. For such items, the exchange rate fluctuation amount is determined in accordance with the provision of this clause.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provisions in the contract. The exchange rate adjustment amount will be calculated in accordance with the following formula:
$$\text{Adjustment} = \text{FCC} \times \text{Qty} \times (i_1 - i_0) / i_0$$

where formula variables correspond to:

 - FCC: Foreign Currency Component (per unit)
 - i0: Initial exchange rate (CAN\$ per unit of foreign currency [e.g. US\$1])
 - i1: exchange rate for adjustments (CAN\$ per unit of foreign currency [e.g. US\$1])
 - Qty: quantity of units
4. The initial exchange rate is typically set as the noon rate as published by the Bank of Canada on the solicitation closing date.
5. For goods, the exchange rate for adjustment will be the noon rate as published by the Bank of Canada on the date the goods were delivered. For services, the exchange rate for adjustment will be the noon rate on the last business day of the month for which the services were performed. For advance payments, the exchange rate for adjustment will be the noon rate on the date the payment was due. The most recent noon rate will be used for non-business days.
6. The Contractor must indicate the total exchange rate adjustment amount (either upward, downward or no change) as a separate item on each invoice or claim for payment submitted under the Contract. Where an adjustment applies, the Contractor must submit with their invoice form PWGSC-TPSGC 450, Claim for Exchange Rate Adjustments.
7. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease), calculated in accordance with column 8 of form PWGSC-TPSGC 450 (i.e. $[i_1 - i_0] / i_0$).
8. Canada reserves the right to audit any revision to costs and prices under this clause.

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.

- (a) The original and one (1) copy must be forwarded to the consignee.
- (b) One (1) copy must be forwarded to the following address for certification and payment.
National Defence Headquarters - MGen George R. Pearkes Building
101 Colonel By Drive, Ottawa, ON, K1A 0K2
Attention: Jodi Bell, A/DES Proc 4-4-4
- (c) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.
Department of Public Works and Government Services - "HN" Division
7B3 Place du Portage, Phase III, 11 Laurier Street, Gatineau, QC, K1A 0S5
Attention: Johanne De Rito

6.8 Certifications

6.8.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing additional information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the additional information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in _____. (*Insert the name of the province or territory as specified by the Bidder in its bid, if applicable*)

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 (2016-04-04);
- (c) Annex A, Requirements and Pricing;
- (d) Annex B, Specification for items 098 and 099;
- (e) the Contractor's bid dated _____ (*insert date of bid*)

6.11 Defence Contract

SACC Manual clause A9006C (2012-07-16) Defence Contract

6.12 SACC Manual Clauses

SACC Reference	Section	Date
D5545C	ISO 9001:2008 - Quality Management Systems - Requirements (Quality Assurance Code C)	2010-08-16

6.13 NATO Commercial and Government Entity Code (NCAGE) Traceability

Material supplied for the items specified in this contract is subject to investigation by Canada. Material which can neither be demonstrated by the contractor as having originated directly from the NCAGE specified for the item in this contract, nor as supplied with the specific written permission of this specified NCAGE, are subject to the following action by Canada.

Canada may either:

- a) terminate the contract for default with respect to that item, return the item to the Contractor at the Contractor's risk and expense, and demand and receive from the Contractor (who shall forthwith so pay) all reprourement and other costs incurred by Canada, including any increased costs required for the purpose of expediting production; or
- b) retain the item, and demand and receive from the Contractor (who shall forthwith so pay) the difference between the Contractor's costs relating to the item, as determined by Canada, and the costs which, in Canada's opinion, the Contractor would have incurred had it obtained and supplied an item which did not differ in any way from that specifically required under the contract.

6.14 SACC Manual Clause (Delivery)

SACC Reference	Section	Date
D2000C	Marking	2007-11-30
D2001C	Labelling	2007-11-30
D6010C	Palletization	2007-11-30
D9002C	Incomplete Assemblies	2007-11-30

6.15 Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and delivered:

Delivered Duty Paid (DDP) Montreal, QC, Inco terms 2000 for shipments from a commercial contractor.

6.16 Preparation for Delivery

The Contractor must prepare item numbers 001 to 100 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 numbers 001 to 100 in quantities of a maximum of fifty (50) by package.

6.17 Package Markings – Additional

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

- a) Contract number;
- b) Shipping Address;
- c) NSN number;
- d) Quantities on shipping labels

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

6.18 Shipping – Scheduling

The Contractor shall request shipping authorization before shipping any materiel. All pertinent details such as contract items, part/model numbers, serial numbers, quantity, consignee, etc., shall be provided in writing to the DND Design Authority who will be responsible for authorization of any shipment.

The Contractor must deliver the goods to Canadian Forces (CF) Supply Depots by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the Depot Traffic Section at the appropriate location shown below. The consignee may refuse shipments when prior arrangements have not been made.

25 CF Supply Depot Montreal
Montreal, Qc
Telephone: 1-866-935-8673 (toll free), or
514-252-2777, ext. 2363 / 4673 / 4282

Solicitation No.
W8474-177298/A
Client Ref. No.
W8474-177298

File No.
hn463.W8474-177298

Buyer ID
hn463

ANNEX "A"

REQUIREMENT AND PRICING

Excel version - Please see attached PDF

ANNEX “B”

SPECIFICATION

FOR

ITEMS 098 AND 099

60 & 100 FOOT

AWSS SELF-SUPPORT

COMMUNICATIONS

TOWERS

SCOPE

1.1 General

- 1.1.1 This specification establishes the general requirements of the Department of National Defence (DND) for the supply of 60 and 100 foot all welded solid steel self support (AWSS) communications towers for use at various DND Facilities across Canada.

1.2 INTENDED USE

- 1.2.1 The towers will be used at various locations in Canada, including the Arctic, and shall support up to 7 antennas and one 6 foot microwave dish for a 60 foot tower and up to 11 antennas and one 6 foot microwave dish for the 100 foot tower. The Dish antennas will all be mounted 25 ft/75 ft respectively and the UHF/VHF antennas will be mounted above the dish antenna. Such requirements indicate the minimum functional or technical characteristics considered acceptable.

1.3 Description

- 1.3.1 The towers shall be AWSS self supporting and each shall consist/include the following:
- a. AWSS tower sections;
 - b. AWSS base section;
 - c. nuts, bolts, washers and bolt assemblies;
 - d. Night Vision Goggle (NVG) approved lighting kit, cable, installation brackets and disconnect switch fitted with an external 30A GFI outlet;
 - e. tower grounding kit;
 - f. 15 ft wave guide bridge; and
 - g. Foundations material to include 2 x templates, L7 rods and other material for a earth foundation; and
 - h. drawings and documentation in both hard copy with the tower and electronic sent to the technical authority.

2.0 APPLICABLE DOCUMENTS

2.1 DOCUMENTS

2.1.1 The following documentation form part of this specification where the latest issue in effect on date of request for proposal shall apply is applicable to this project:

- a CSA S37-13 Antennas, Towers and Antenna Supporting Structures (or latest issue); and
- b CAR 621 Standard; and
- c CSA Z259 Series on Fall Protection.

3.0 GENERAL REQUIREMENTS

3.1 GENERAL

3.1.1 This specification is written with specific intent of procuring equipment of a proven design, which is readily available.

3.2 MATERIALS, PARTS and PROCESSES

3.2.1 All materials, parts and processes shall conform to the CSA Standard S37-13 (or latest issue) relating to the type and class of equipment described herein.

3.3 TOWER REQUIREMENTS

3.3.1 AWSS 60 Ft: Each tower as a minimum shall be capable of supporting the following:

- a. two (2) Sinclair SRL-110 antennas;
- b. two (2) Sinclair SRL-210C2 antennas;
- c. one (1) Sinclair SRL-210C4 antenna;
- d. one (1) Rhode & Schwartz HK014 antenna;
- e. one (1) Valcom AS-5003 antenna;
- f. one (1) six foot Andrew HP6-220A microwave dish;
- g. one (1) double globe LED NVG compliant obstruction lighting kit;
- h. one (1) air terminal; and
- i. coaxial cable, type LDF4/50, or equivalent, for all antennas;

3.3.2 AWSS 100 Ft: Each tower as a minimum shall be capable of supporting the following:

- a. three (3) Sinclair SRL-110 antennas;
- b. four (4) Sinclair SRL-210C2 antennas;
- c. one (1) Sinclair SRL-210C4 antenna;
- d. two (2) Rohde & Schwartz HK014 antennas;
- e. one (1) Valcom AS-5003 antenna;
- f. one (1) Andrew HP6-220A six foot microwave dish;
- g. one (1) double globe LED NVG compliant obstruction lighting kit;
- h. one (1) air terminal; and
- i. coaxial cable, type LDF 4/50, or equivalent, for all antennas.

3.3.3 Twist: The maximum twist at the 30ft/60ft level must not be more than 0.3 degrees for the 60 ft and 100 ft towers.

4 TECHNICAL SPECIFICATIONS

4.1 TOWER SPECIFICATIONS

- 4.1.1 Construction: Each tower shall be open triangular or square construction produced from galvanized solid round high strength steel or hot dip galvanized solid round high strength steel. The total height of the tower shall be 60 or 100 feet.
- 4.1.2 Tower foundation Base The design of the tower foundation shall be provided for each tower shall be such that it can be used in anywhere in Canada and shall support the proposed tower with the antenna configuration described in Sections 3.3.1/3.3.2. A concrete and rock foundation design shall be provided for all towers and shall detail all required material required for both type of installations.
- 4.1.3 Identification and Markings: An engraved metal plate permanently attached on the lowest tower section of each tower shall identify that the tower is owned by the Department of National Defence, NATO Stock code (5445-20-003-8420 for the 100ft tower & 5445-20-003-8661 for the 60ft tower) the Technical Authority is the DND Antenna Structure LCMM, manufacturer, the type of tower and date of manufacture. The lettering on this plate shall be a minimum of one (1) cm in height. In addition bi-lingual warning signs prohibiting climbing shall be provided. See below example.

**This Tower is owned by The Department of National Defence
NSN 5445-20-003-xxxx
Technical Authority- DND Antenna Support Structure LCMM
Manufacture and Date- xxxxxx
Contract xxxxxx
This tower shall only be climbed after receiving permission from the
Technical Authority**

-
- 4.1.4 The tower shall be delivered to final location strapped together in 10ft sections, with cloth cargo straps or other strapping so as not to damage any painted surfaces. The foundation, obstruction lighting and other material must be strapped internally to the tower sections ready for shipping. The entire tower shipments must be shipped on heavy duty wooded pallets or similar strong material.
- 4.1.5 Design: Each AWSS tower shall be constructed with an X or Z brace design and sections shall fit accurately together. Each tower section shall be joined together by bolt assemblies meeting the S37-13 standard. Bidders shall supply a report on test and stress analysis. The design shall include the consideration for Ae mounting brackets and that the brackets shall be up to 1 meter from the face of the tower so that appropriate wind and ice loading shall be considered in the design.
- 4.1.6 Interchangeability: All like units, assemblies, sub-assemblies and replaceable parts shall be physically and functionally interchangeable without modification of such items or of the equipment.
- 4.1.7 Defects: The tower and or any assembly, sub-assembly, or replaceable part shall be free from defects when subjected to a visual and mechanical inspection.
- 4.1.8 Climbing: Each tower shall be designed to ensure that it is safe for climbing by two trained and competent personnel. Each tower shall be equipped with an extended ladder or horizontal cross-member construction to facilitate climbing IAW CSA S37-13 (or latest version).
- 4.1.8 Wind Loading: Each Tower shall be designed to meet the wind loading requirements with the UHF/VHF antennas mounted above the micro wave dish and on support arms keeping the antennas 30 inches from the tower.
- 4.2 OPERATING CONDITIONS
- 4.2.1 Climatic Conditions: Each complete AWSS tower shall operate under the climatic conditions as detailed in the CSA Standard S37-13 for all areas of Canada.
- 4.2.2 Humidity: Each tower shall sustain no corrosion or deterioration which could prevent it from meeting operational, service or maintenance requirements when subjected to a warm, highly humid atmosphere or prolonged exposure to a salt-sea atmosphere.
- 4.2.3 Water Run-off: All tower members shall be designed to prevent water from becoming trapped and bursting the tubes during frigid weather when the tower is in use or in a stored condition.

4.3 ANCILLARIES

- 4.3.1 Lighting Kit: The Lighting Kit shall be in accordance with CAR 612 Standard and CSA Standard S37-13 and shall utilize NVG certified Red LED obstruction light, Teck 90 cable, mounting hardware and 60A disconnect box with external GFI for maintenance tools. An acceptable product is STS-RTO-TP1-Kit.
- 4.3.2 Lightning Protection: Each tower structure shall be provided with reliable lightning protection that shall take the form of direct secure grounding. Each leg of the tower shall be securely grounded.
- 4.3.3 Mounting Brackets and Clamps: Tower Parts List shall include a supplied quantity of clamps and mounts for types of antennas identified and universal mounts for Microwave dishes. All clamps and brackets shall be universal and nature. The provided clamps and mounts shall also be provided in a list format.
- 4.3.4 Markings: Each tower shall be painted in accordance with Transport Canada CAR 621 Standard.

4.4 DOCUMENTATION

- 4.4.1 Prior to delivery of the first tower, complete specifications, drawings, equipment lists and installation procedures shall be submitted to the TA in hard copy and electronic format:
(Will be inserted at contract)

Name:
Title:
Address:
Email:

Thereafter, one set of manuals shall be enclosed and shipped with each tower.

Item No.	NSN	Item Name	Acceptable PN's and NCAGE						Proposed P/N	Proposed NCAGE	Unit of Issue	Firm QTY	Firm		Option QTY	Option Unit Price	Option Total Price	Average Unit Price (****4)	Delivery	
			P/N:	G228	5-8X12	NCAGE:	75535	QTY					Total Price							
001	5340-00-059-3305	TURNBUCKLE	P/N:	2009-8861-001	NCAGE:	36620				EACH	45		0	45			0	0		
			P/N:	919065-0007	NCAGE:	65597														
			P/N:	MS16208-7	NCAGE:	80205					EACH	1000		0	1000			0	0	
002	5306-00-087-1628	BOLT MACHINE	P/N:	001-PRF-04P	NCAGE:	38178				EACH	200		0	200			0	0		
			P/N:	BG 4216	NCAGE:	04025					EACH	200		0	200			0	0	
003	4010-00-123-3343	GUY	P/N:	BG 4223	NCAGE:	04025				EACH	200		0	200			0	0		
			P/N:	6346	NCAGE:	73569														
004	5975-00-127-5874	GUY GRIP PREFORMED	P/N:	7526	NCAGE:	35086														
			P/N:	5B135-5-1	NCAGE:	80063					EACH	50		0	50			0	0	
			P/N:	G12986400	NCAGE:	10001														
005	4030-00-188-0525	ANCHOR GUY	P/N:	G12986450	NCAGE:	10001														
			P/N:	G414 5-16	NCAGE:	75535														
			P/N:	363072PC5	NCAGE:	10001					EACH	60		0	60			0	0	
006	4030-00-266-0063	THIMBLE ROPE	P/N:	416143-63	NCAGE:	96214														
			P/N:	VBE860-2B1K5	NCAGE:	H0203														
			P/N:	S170346	NCAGE:	14632														
007	5920-00-280-5020	FUZE CARTRIDGE	P/N:	352250005439	NCAGE:	H0203														
			P/N:	B2R78P38	NCAGE:	03538					EACH	125		0	125			0	0	
			P/N:	BG2111	NCAGE:	04025					EACH	80		0	80			0	0	
008	5975-00-477-7197	GRIP GUY	P/N:	RRC271	NCAGE:	81348														
			P/N:	2350-5900-106	NCAGE:	06032					EACH	25		0	25			0	0	
009	4030-00-542-3183	SHACKLE	P/N:	G227-1-2X12	NCAGE:	75535														
			P/N:	GAR644C	NCAGE:	1NJ8					EACH	50		0	50			0	0	
010	5340-00-663-3411	TURNBUCKLE	P/N:	G228-3-4X18	NCAGE:	75535														
			P/N:	G228-3-4X18	NCAGE:	75535					EACH	30		0	30			0	0	
011	5975-00-771-5284	CONNECTOR GROUND	P/N:	350586	NCAGE:	338L5														
			P/N:	350586	NCAGE:	338L5					EACH	20		0	20			0	0	
012	5340-00-837-6383	TURNBUCKLE	P/N:	G228-3-4X18	NCAGE:	75535														
			P/N:	G228-3-4X18	NCAGE:	75535					EACH	30		0	30			0	0	
013	5315-01-015-8720	PIN QUICK RELEASE	P/N:	G228-3-4X18	NCAGE:	75535														
			P/N:	G228-3-4X18	NCAGE:	75535					EACH	20		0	20			0	0	

014	4030-01-029-1163	STAKE BASE PLATE	P/N: 880021 P/N: 2350-5900-109 P/N: 2350-5900-109 P/N: 2350-5900-109 P/N: RR-C-271 TVIVA GRA CL1 5/16 NCAGE: 81348	NCAGE: 338L5 NCAGE: 75535 NCAGE: 71747 NCAGE: 06032			EACH	8		0	8		0	0	
015	5340-01-055-4943	TURNBUCKLE					EACH	50		0	50		0	0	
016	4030-01-115-6660	SHACKLE					EACH	50		0	50		0	0	
017	5340-01-116-0975	TURNBUCKLE					EACH	50		0	50		0	0	
018	4030-01-117-6379	SHACKLE					EACH	50		0	50		0	0	
019	4030-01-120-3933	THIMBLE ROPE					EACH	50		0	50		0	0	
020	4030-01-120-5633	THIMBLE ROPE					EACH	50		0	50		0	0	
021	4030-01-120-9479	BAND WIRE STRAND					EACH	40		0	40		0	0	
022	5340-01-121-2957	TURNBUCKLE					EACH	50		0	50		0	0	
023	5340-01-124-7919	TURNBUCKLE					EACH	50		0	50		0	0	
024	4030-01-125-1128	BAND WIRE STRAND					EACH	100		0	100		0	0	
025	5975-01-173-6936	GRIP GUY PREFORMED					EACH	50		0	50		0	0	
026	5985-01-187-4701	MAST SECTION					EACH	2		0	2		0	0	
027	5120-01-223-7644	GRIP GUY PREFORMED					EACH	50		0	50		0	0	
028	5985-01-263-7327	MAST SECTION					EACH	2		0	2		0	0	
029	5985-01-272-1190	MAST SECTION					EACH	2		0	2		0	0	
030	5985-01-342-8778	MAST					EACH	8		0	8		0	0	

031	5445-01-344-0234	PIVOT FOOT TOWER	P/N: 380157 P/N: 10-18473 P/N: G-209 3.25T P/N: SH2207 P/N: 140038 P/N: G-209 18473	NCAGE: 338L5 NCAGE: 75535 NCAGE: 75535 NCAGE: U0205 NCAGE: 38178 NCAGE: K2516														
	4030-01-366-5565	SHACKLE	P/N: P-58SH	NCAGE: 3AH51				EACH	50	0	50		0	0				
			P/N: 140036 P/N: 1018419 P/N: 22221614	NCAGE: 38178 NCAGE: 75535 NCAGE: 40688														
	033	4030-01-443-3040	SHACKLE					EACH	50	0	50		0	0				
	034	5975-01-450-6325	GRIP GUY PREFORMED	P/N: CDE-3103	NCAGE: 04025				EACH	50	0	50		0	0			
035			P/N: L4TNM-PS P/N: 180311-0000 P/N: L4TNM-PSA P/N: 40056333 P/N: 40056333	NCAGE: Z3446 NCAGE: 64415 NCAGE: 84147 NCAGE: K3902 NCAGE: KCUC6														
	5935-01-478-0053	CONNECTOR PLUG ELECTRICAL	P/N: L4TNM-PSA	NCAGE: K6608				EACH	150	0	150		0	0				
		CONNECTOR PLUG	P/N: F4PNMV2-HC	NCAGE: ZT306														
	5935-01-493-6268	ELECTRICAL	P/N: F4PNMV2-HC	NCAGE: 84147				EACH	50	0	50		0	0				
	037	5935-01-514-7432	CONNECTOR PLUG ELECTRICAL	P/N: L4TNF-PSA P/N: H683-0901-091	NCAGE: 84147 NCAGE: 96169				EACH	75	0	75		0	0			
038	4030-01-533-5234	THIMBLE ROPE	P/N: G-408-5/16 P/N: G-408-1037559	NCAGE: 75535 NCAGE: 75535				EACH	50	0	50		0	0				
039	4030-01-533-5239	THIMBLE ROPE	P/N: G-411-1037390 P/N: G-411-3/4	NCAGE: 75535 NCAGE: 75535				EACH	50	0	50		0	0				
040	4030-01-533-5392	THIMBLE ROPE	P/N: G-408-1/4 P/N: G-408-1037531	NCAGE: 75535 NCAGE: 75535				EACH	50	0	50		0	0				
041	4030-01-534-8150	THIMBLE ROPE	P/N: G-411-7/8 P/N: G-411-1037416	NCAGE: 75535 NCAGE: 75535				EACH	50	0	50		0	0				
042	5975-01-547-4824	ROD GROUND	P/N: NCC 5810	NCAGE: 8W992				EACH	50	0	50		0	0				
043	5120-01-552-0947	WRENCH SOCKET	P/N: 875949	NCAGE: 57010				EACH	18	0	18		0	0				
044	5985-01-552-0949	MAST SECTION	P/N: 880023	NCAGE: 338L5				EACH	2	0	2		0	0				

[illegible]

NOTE: To receive the Excel Format of this Annex, please contact me at Johanne.DeRito@tpsgc-pwgsc.gc.ca

(* 1) Equivalent products will be evaluated: Bidders must submit specifications to demonstrate equivalency.

(**2) The Controlled Goods Clause applies to item 065

(***3) Please refer to Annex "B", for items 098 and 099. Specification for 60 and 100 Foot AWSS Self-Support Communications Towers.

(****4) Average Unit Price = $\frac{\text{Firm QTY Unit Price} + \text{Option QTY Unit Price}}{2}$