

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Travaux publics et Services gouvernementaux
Canada
Place Bonaventure, portail Sud-Est
800, rue de La Gauchetière Ouest
7 ième étage
Montréal
Québec
H5A 1L6
FAX pour soumissions: (514) 496-3822

**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

Title - Sujet Electrical & Electronic Components	
Solicitation No. - N° de l'invitation W1985-125466/A	Date 2012-03-07
Client Reference No. - N° de référence du client W1985-12-5466	
GETS Reference No. - N° de référence de SEAG PW-\$MTA-850-11991	
File No. - N° de dossier MTA-1-34562 (850)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-03-23	Time Zone Fuseau horaire Heure Normale du l'Est HNE
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: Jutras, Jessie	Buyer Id - Id de l'acheteur mta850
Telephone No. - N° de téléphone (514) 496-3871 ()	FAX No. - N° de FAX (514) 496-3822
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: MINISTERE DE LA DEFENSE NATIONALE 202 DEPOT D'ATELIER, BAT. 0 SUD-FET 6769 NOTRE-DAME EST MONTREAL Québec H1N 2E9 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

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

Issuing Office - Bureau de distribution

Travaux publics et Services gouvernementaux Canada
Place Bonaventure, portail Sud-Est
800, rue de La Gauchetière Ouest
7 ième étage
Montréal
Québec
H5A 1L6

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PART 1 - GENERAL INFORMATION

1.1. Security Requirement

There is no security requirement associated with the requirement.

1.2. Requirement

The requirement is detailed in Annex A - Requirement and Pricing, that form part of the request for proposal and resulting contract.

1.3. Debriefings

After contract award, bidders may request a debriefing on the results of the bid solicitation. Bidders should make the request to the Contracting Authority within 15 working days of receipt of notification that their bid was unsuccessful. The debriefing may be provided in writing, by telephone or in person.

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 issued by Public Works and Government Services Canada. (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>)

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 (16/05/2011), Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.1.1 Clauses du guide des CCUA

B1000T (30/11/07), Condition of Material
 B3000T (16/06/06), Equivalent products (*Applicable to all items in Annex A except items 3,4, 6, 26, 28, 29, 30,31, 32, 33, 34, 35, 40, 41, 42, 43, 45, 48, 49, 50, 52 and 53*)
 B4024T (15/08/06), No substitute products (*Applicable to item 3,4, 6, 26, 28, 29, 30, 31, 32, 33, 34, 35, 40, 41, 42, 43, 45, 48, 49, 50, 52, 53 of the Annex A*)

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 questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

2.4 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work 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 favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least **five (5) calendar days** before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

2.5 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Quebec.

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

Prices must appear in the financial bid only (Annex A). 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>). To assist Canada in reaching its objectives, bidders are encouraged to:

- 1) use paper containing fibre certified as originating from a sustainably-managed forest and/or 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.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

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

Compliance with Annex A - Requirement and Pricing

4.1.2 Financial Evaluation

SACC Manual Clauses A0222T Evaluation of Price (11/01/2010),

The contract will be awarded in Canadian dollars. In the event the bid recommended for Contract award was submitted in foreign currency it will be converted using the rate given by the Bank of Canada in effect on the bid solicitation closing date.

SACC Manual Clauses C3011T Exchange Rate Fluctuation (11/01/2010)

4.2. Basis of Selection - Multiple Items

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 price on an item by item basis will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications to be awarded a contract. Canada will declare a bid non-responsive if the required certifications are not completed and submitted as requested.

Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify the bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

5.1. Certifications Precedent to Contract Award

The certifications listed below should be submitted with the bid, but may be completed and submitted afterwards. If any of these required certifications is not completed or submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

5.1.1 Federal Bidders Program - \$200,000 or more

1. The Federal Contractors Program (FCP) requires that some suppliers, including a supplier who is a member of a joint venture, bidding for federal government contracts, valued at \$200,000 or more (including all applicable taxes), make a formal commitment to implement employment equity. This is a condition precedent to contract award. If the Bidder, or, if the Bidder is a joint venture and if any member of the joint venture, is subject to the FCP, evidence of its commitment must be provided before the award of the Contract.

Suppliers who have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive government contracts over the threshold for solicitation of bids as set out in the Government Contracts Regulations. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than the reduction of their workforce to less than 100 employees. Any bids from ineligible contractors, including a bid from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

2. If the Bidder does not fall within the exceptions enumerated in 3.(a) or (b) below, or does not have a valid certificate number confirming its adherence to the FCP, the Bidder must fax (819-953-8768) a copy of the signed form LAB 1168, Certificate of Commitment to Implement Employment Equity, to the Labour Branch of HRSDC.
3. The Bidder, or, if the Bidder is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Bidder or the member of the joint venture

- (a) () is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada;
- (b) () is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;
- (c) () is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC (having not bid on requirements of \$200,000 or more), in which case a duly signed certificate of commitment is attached;
- (d) () is subject to the FCP, and has a valid certificate number as follows:
_____ (e.g. has not been declared an ineligible contractor by HRSDC.)

Further information on the FCP is available on the HRSDC Web site.

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement associated with the requirement.

2. Requirement

The Contractor must provide the requirement in accordance with Annex A - Requirement and Pricing that form part of the contract.

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 issued by Public Works and Government Services Canada. (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>)

3.1 General Conditions

2010A (16/05/2011), General Conditions - Goods (Medium Complexity) apply to and form part of the Contract.

4. Term of Contract

4.1 Delivery Date

While delivery is requested ASAP, the best delivery that could be offered is _____.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Jessie Jutras

Agent d'approvisionnement | Supply Officer

Direction générale des approvisionnements | Acquisitions Branch

Bureau régional du Québec | Quebec Regional Office

Travaux publics et Services gouvernementaux Canada | Public Works and Government Services Canada

800 rue de la Gauchetière Ouest, Suite 7300, Montréal (Québec) Canada, H5A 1L6

T: 514.496.3871 | F: 514.496.3822 |

Courriel: jessie.jutras@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.

5.2 Contact at Customer Department

(to be completed by Canada at the time of award)

For all information related to invoicing and/or payments you may communicate with:

Customer Department: _____

Name: _____

Telephone Number: _____

5.3 Contractor Contacts

Name and telephone number of the person responsible for :

General enquiries & Delivery follow-up

Name: _____

Telephone No. : _____

Facsimile No. : _____

E-mail address: _____

6. Payment

6.1 Basis of Payment - Firm Price

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price of \$ _____ (***amount to be inserted at contract award***). Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.2 Single Payment

Canada will pay the Contractor upon completion and delivery of the Work in accordance with the payment provisions of the Contract if:

- A) an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- B) all such documents have been verified by Canada;
- C) the Work delivered has been accepted by Canada.

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.

8. Certifications

Compliance with the certifications provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the entire contract period. If the Contractor does not comply with any certification or 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.

9. Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in the province of _____.

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) 2010A (2011-05-16), General Conditions - Goods (Medium Complexity)
- (c) Annex A, Requirement and Pricing;
- (d) the Contractor's bid dated _____.

Solicitation No. - N° de l'invitation

W1985-125466/A

Amd. No. - N° de la modif.

File No. - N° du dossier

MTA-1-34562

Buyer ID - Id de l'acheteur

mta850

Client Ref. No. - N° de réf. du client

W1985-12-5466

CCC No./N° CCC - FMS No/ N° VME

11. SACC Manual Clauses

SACC Référence	Section	Date
A2000C	Foreign Nationals (Canadian Contractor)	16/06/06
A2001C	Foreign Nationals (Foreign Contractor)	16/06/06
B7500C	Excess Goods	16/06/06
C2000C	Taxes - Foreign-based Contractor	30/11/07
G1005C	Insurance	12/05/08

Solicitation No. - N° de l'invitation

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MTA-1-34562

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mta850

Client Ref. No. - N° de réf. du client

W1985-12-5466

CCC No./N° CCC - FMS No/ N° VME

Annex A - Requirement and pricing

See Annex A attached

ITEM	NSN	P/N ACCEPTABLE	TITLE	DESCRIPTION	QTY	Unit price
1.	5975011393404	TMS-SCE-3/4-2.0-9	Sleeve, marker,cable	TMS-SCE-3/4-2.0-9 Color = White Shrink Ratio = 3:1	10000 EA	
2.	5970014487273	TMS-SCE-3/8-2.0-9	Insulation sleeving, electrical	Sleeve marker heatshrink wht 3/8" Color: White Shrink Ratio: 3:1	1500 EA	
3.	5340015893763 NO SUBSTITUTE	202C611-50-0 (Raychem)	Boot, dust and moisture seal	Boot, dust and moisture seal Style designator: a52 thru-hole Overall height: 120.7 millimeters nominal Base inside diameter: 14.2 millimeters minimum Opening inside diameter: 11.2 millimeters minimum	2000 EA	
4.	597020A0F2087 NO SUBSTITUTE	202A111-25/225-0 (Raychem)	Insulation sleeving, electrical	Insulation sleeving,electrical,special purpose, transition-t Pre-coated curing adhesive Main body inside diameter as supplied: 0.65 inches minimum Main body inside diameter after unrestricted recovery: 0.31 inches maximum First branch inside diameter as supplied: 0.65 inches minimum First branch inside diameter after unrestricted recovery .31 inches maximum Second branch inside diameter as supplied: 0.65 inches minimum Second branch inside diameter after unrestricted recovery 0.310 inches maximum Color: black Flexibility: Elastomer fluid resistant, flexible Environmental protection: corrosion resistant and flame resistant and Mildew resistant	1800 EA	

5.	5970009237173	1202-1-B7	Insulation sleeving, electrical,	<p>Style designator: b5 transition-t</p> <p>Distance from centerline of main body to end of first branch: after unrestricted recovery 1.160 inches nominal</p> <p>Main body inside diameter: as supplied 0.520 inches minimum</p> <p>Main body inside diameter: after unrestricted recovery 0.270 inches maximum</p> <p>First branch inside diameter: as supplied 0.520 inches minimum</p> <p>First branch inside diameter: after unrestricted recovery 0.270 inches maximum</p> <p>Main body wall thickness: as supplied 0.060 inches maximum</p> <p>Main body wall thickness: after unrestricted recovery 0.060 inches nominal</p> <p>First branch wall thickness: as supplied 0.060 inches maximum</p> <p>First branch wall thickness: after unrestricted recovery 0.060 inches nominal</p> <p>Main body overall length: after unrestricted recovery 2.310 inches nominal</p> <p>Angle between main body and first branch centerlines in deg: as supplied 30.0 nominal</p> <p>Angle between main body and first branch centerlines in deg: after</p> <p>Unrestricted recovery 90.0 nominal</p> <p>Material: plastic, polyolefin, RT-301,</p> <p>Raychem Color: black</p> <p>Flexibility:semirigid</p> <p>Temp rating: -55.0 deg Celsius</p>	760 EA	
6.	5970011600766 NO SUBSTITUTE	381A301-71 (Raychem)	Insulation sleeving, electrical,	<p>Shrinkable transition boot precoated only</p> <p>Product Type Features: Molded Part Type: Molded Boot</p>	1000 EA	
7.	5970123085089	202k132-25/225-0	Insulation sleeving, electrical,	<p>Shrinkable boot precoated only</p> <p>Product Type Features: Molded Part Type = Molded Boot</p>	1000 EA	

8.	5970123179221	301A034-25/225-0	Insulation sleeving, electrical,	<p>Style designator: transition-t Main body inside diameter: as supplied 26,0 millimeters minimum Main body inside diameter: after unrestricted recovery 13,5 millimeters maximum First branch inside diameter: as supplied 26,0 millimeters minimum First branch inside diameter: after unrestricted recovery 13,5 millimeters maximum Main body wall thickness: after unrestricted recovery 2,5 millimeters maximum First branch wall thickness: after unrestricted recovery 2,5 millimeters maximum Main body overall length: after unrestricted recovery 120,0 millimeters maximum Coating material: adhesive Color: black Flexibility: flexible Temp rating: 150,0 deg celsius</p>	2300 EA	
9.	6145001440231	M81044/12-22-9	Wire,electrical	<p>Conductor form: single conductor stranded -material: core conductor single conductor copper alloy 101 or copper Alloy 102 -material: 1st position primary insulation single conductor plastic Polyalkene -material: 2nd position jacket single conductor plastic polyvinylidene Fluoride -material document and classification: core conductor single conductor Astm b33 assn std all material responses -surface treatment: core conductor single conductor tin -surface treatment document and classification: core conductor single Conductor astm b33-63 assn std single treatment response -round conductor size: single conductor 22 awg -strand quantity per conductor: single conductor 19 -strand awg size per conductor: single conductor 34 -color: 1st position cover single conductor white -voltage rating: single conductor 600.0 maximum root mean square (rms) Operating voltage -cross-sectional shape style: 6 round -cross section outside diameter: 0.047 inches nominal -temp rating: 150.0 deg Celsius</p>	4000 M	

10.	6145001819773	M81044/12-22-0	Wire,electrical	<p>Conductor form: single conductor stranded</p> <p>-material: core conductor single conductor copper alloy 101 or copper Alloy 102</p> <p>-material: 1st position primary insulation single conductor plastic Polyalkene</p> <p>-material: 2nd position jacket single conductor plastic polyvinylidene Fluoride</p> <p>-material document and classification: core conductor single conductor Astm b33 assn std all material responses</p> <p>-surface treatment: core conductor single conductor tin</p> <p>-surface treatment document and classification: core conductor single Conductor astm b33-63 assn std single treatment response</p> <p>-round conductor size: single conductor 22 awg</p> <p>-strand quantity per conductor: single conductor 19</p> <p>-strand awg size per conductor: single conductor 34</p> <p>-color: 1st position cover single conductor black</p> <p>-voltage rating: single conductor 600.0 maximum root mean square (rms)</p> <p>Operating voltage</p> <p>-cross-sectional shape style: 6 round</p> <p>-cross section outside diameter: 0.047 inches nominal</p> <p>-temp rating: 150.0 deg Celsius</p>	8000 M	
11.	6145007284026	AA59569R36T0250 RAY101-6 RAYCHEM QQB575R36T0250	Braid,wire	<p>Braid,wire. 10 awg,384 strands of 36 awg,tinned copper,</p> <p>Tubularbraid,0.250 inches inside diameter</p>	500 M	

12.	6145013931343	RAY 101-20 RAY-101-20.0	Braid,wire	<p>Conductor form: single conductor braid, tubular</p> <p>Material: core conductor single conductor copper</p> <p>Material document and classification: core conductor single conductor</p> <p>Astm b33 assn std single material response</p> <p>Surface treatment: core conductor single conductor tin</p> <p>Surface treatment document and classification: core conductor single</p> <p>Conductor astm b33 assn std single treatment response</p> <p>Round conductor size: single conductor 8 awg</p> <p>Strand quantity per conductor: single conductor 768</p> <p>Strand awg size per conductor: single conductor 36</p> <p>Conductor cross-sectional shape: single conductor tubular braid</p> <p>Inside diameter: single conductor 0.7874 inches nominal</p>	2500 FT	
13.	6145013931346	RAY 101-12-5 QQB59569F36T0500	Braid,wire	<p>Conductor form: single conductor braid, tubular</p> <p>Material: core conductor single conductor copper</p> <p>Material document and classification: core conductor single conductor</p> <p>Astm b33 assn std single material response</p> <p>Surface treatment: core conductor single conductor tin</p> <p>Surface treatment document and classification: core conductor single</p> <p>Conductor astm b33 assn std single treatment response</p> <p>Round conductor size: single conductor 9 awg</p> <p>Strand quantity per conductor: single conductor 540</p> <p>Strand awg size per conductor: single conductor 36</p> <p>Conductor cross-sectional shape: single conductor tubular braid</p> <p>Inside diameter: single conductor 0.492 inches nominal</p> <p>Cross-sectional shape style: round</p>	24000 FT	

14.	5970009909911	M23053/5-210-C RT-375-38.1-CLR THV-150, 38.1, CLR	Insulation sleeving, electrical	<p>Style designator: a1 shrinkable</p> <p>Expanded inside diameter: 1.000 inches minimum</p> <p>Recovered inside diameter: 0.500 inches maximum</p> <p>Recovered wall thickness: 0.030 inches minimum and 0.040 inches maximum</p> <p>Material: plastic, polyolefin, mil-i-23053/5, class 2</p> <p>Color: clear</p> <p>Flexibility: flexible</p> <p>Heat shrinkage rating in percent: 50.0</p> <p>Temp rating: -55.0 deg celsius and 135.0 deg celsius</p> <p>Minimum tensile strength: 1500 pounds per square inch</p> <p>Dielectric material voltage rating per unit thickness: 500.0 volts per Mil /0.001 inch/</p> <p>Environmental protection: corrosion resistant and mildew resistant and water resistant</p>	150 FT	
15.	5940011362540	M83519/1-2 S01-02-R S0102R	Splice,conductor	<p>Basic shape style: a58 heat shrinkable</p> <p>Overall length: 0.650 inches</p> <p>Conductor accommodation type: all ends recessed barrel</p> <p>Electrical insulation feature: heat shrinkable sleeve</p> <p>Identification code color: white</p> <p>Material: conductor accommodation lead alloy</p> <p>Material: insulation plastic polyvinylidene fluoride</p> <p>Features provided: plastic insert, meltable</p> <p>Special features: 0.105 in. Min dia one end,0.145 in</p>	8 Package (100 unit per package)	
16.	5970013514437	M23053/18-208-C THV150, 12.7, CLR RT-375-12.7, CLR TAT-125 SCD TYPE 2 (CLR)-12.7 RT-375 1/2-X	Insulation sleeving, electrical	<p>Insulation sleeving,electrical; Plastic fluoropolymer</p> <p>Shrinkable, Flexible, Color clear</p> <p>Expanded inside dia 0.500 in.</p> <p>Recovered inside dia 0.250 in.</p> <p>Recovered wall thickness: 0.012 in.</p>	1000 FT	
17.	5970013514438	M23053/18-209-C RT-375-3/4-C	Insulation sleeving, electrical	<p>Insulation sleeving,electrical; Plastic polyolefin</p> <p>Shrinkable, Flexible, Color clear</p> <p>Expanded inside dia 0.750 in.</p> <p>Recovered inside dia 0.375 in.</p> <p>Recovered wall thickness: 0.033 in.</p> <p>Flame,mildew,water and corrosion resistant</p>	3000 FT	

18.	5970013518985	M23053/18-209-C	Insulation sleeving, electrical	Insulation sleeving,electrical Plastic polyolefin; Shrinkable; Flexible Color clear Expanded inside dia 0.250 in. Recovered inside dia 0.125 in. Recovered wall thickness: 0.012 in. Flame,mildew,water and corrosion resistant	350 FT	
19.	5975014429409	4397130001 TMS-SCE-1.0-2.0-9 10652298-008	Sleeve,marker, cable	Color: white Corrosion resistant and mildew resistant and water resistant Expanded inside diameter: 1.000 inches nominal Recovered inside diameter: 0.333 inches nominal Recovered wall thickness: 0.025 inches nominal Shrink ratio: 3:1	1 Box	
20.	5940015196889	CWT-9003 6393474 FIND 006	Splice,conductor	basic shape style: heat shrinkable overall length: 1.655 inches conductor accommodation type: all ends recessed barrel electrical insulation feature: heat shrinkable sleeve identification code color: white with red stripe material: radiation cross-linked modified polyolefin special features: 0.105 IN. MIN. DIA. both end	4400 EA	
21.	5970015276447	EPS-400-.700-48- BLACK	Insulation sleeving, electrical	Style designator: a1 shrinkable Overall length: 48.000 inches nominal Expanded inside diameter: 0.700 inches minimum Recovered inside diameter: 0.175 inches maximum Recovered wall thickness: 0.055 inches minimum Material: plastic, polyolefin Design form: full round Color: black Flexibility: semirigid Temp rating: -55.0 deg celsius and 110.0 deg celsius Minimum tensile strength: 1900 pounds per square inch Dielectric withstanding voltage in volts: 700.0 Environmental protection: flame resistant Reliability indicator: not established Special features: adhesive lined	150 FT	

22.	5940015435397	SO63-2-55-22-9	Splice,conductor	Splice,conductor Shield terminal sleeve s2102 with white ld. 22 awg Heat shrinkable style; Straight barrel conductor accommodation 0.650 in. Lg. Dim. 0.105 in min dia one end 0.145 in min dia other end 4.000 in. Preinstalledlead;plastic polyvinylidene Fluoride,heat shrinkable sleeve,white;	8000 EA	
23.	5970121514455	DR-25 3/4-0 NST, 3/4", Noir NTW-H, 3/4", Noir	Insulation sleeving, electrical	Heat shrink Color: Black Features: Flame Retardant Inner Diameter - Recovered 9,5mm Inner Diameter - Supplied 19,0mm Material: Elastomer Recovered Wall Thickness 1,45mm Shrinkage Ratio 2 to 1 Type: Tubing, Flexible Corrosion,hydraulic fluid,mildew and moisture resistant	1000 M	
24.	5970121514503	DR-25 1/2-0 NST, 1/2", Noir NTW-H, 1/2", Noir	Insulation sleeving, electrical	Heat shrink Color: Black Features: Flame Retardant Inner Diameter - Recovered 6,4mm Inner Diameter - Supplied 12,7mm Material: Elastomer Recovered Wall Thickness 1,22mm Shrinkage Ratio 2 to 1 Type: Tubing, Flexible Corrosion,hydraulic fluid,mildew and moisture resistant	3500 M	
25.	5970121514504	DR-25 3/8-0 NST, 3/8", BLACK NTW-H, 3/8", BLACK	Insulation sleeving, electrical	Color: Black Features: Flame Retardant Inner Diameter - Recovered 4.8mm Inner Diameter - Supplied 9.5mm Material: Elastomer Recovered Wall Thickness 0.51mm Shrinkage Ratio 2 to 1 Type: Tubing, Flexible Corrosion,hydraulic fluid,mildew and moisture resistant	800 M	
26.	5935200058746 NO SUBSTITUTE	KIT40846	Connector, receptacle, electrical	Connector type: USBFTV 72G35 Shell style: Receptacle Service class: Olive Drab	500 EA	

27.	5935998146403	TV07RW-13-35SB (W52)	Connector, receptacle, electrical	<p>Series designation: Tri-Start Series connector 38999</p> <p>Shell style: Jam nut receptacle</p> <p>Service class: Corrosion resistant olive drab cadmium plate aluminum,</p> <p>500 hour extended salt spray, EMI -50dB@10GHz specification min. 175 Celsius</p> <p>Shell size: 13</p> <p>Insert arrangement: 13-35</p> <p>Contact Type: Socket</p> <p>Keyway orientation: B</p> <p>Number of contacts: 22</p>	650 EA	
28.	5935661469938 NO SUBSTITUTE	62GB-51T-10-7SF	Connector,plug, electrical	<p>Series designation: Aluminium shell</p> <p>Shell style: Receptacle cable mounting</p> <p>Shell size: 10</p> <p>Shell plating: Olive drab zinc cobalt</p> <p>Number of contact: 07</p> <p>Contact style: Socket</p> <p>Orientation: F</p>	1100 EA	
29.	5935991517479 NO SUBSTITUTE	TV06RW-13-35SN (W52)	Connector,plug, electrical	<p>Series designation: Tri-Start Series connector 38999</p> <p>Shell style: straight plug</p> <p>Service class: Corrosion resistant olive drab cadmium plate aluminum,</p> <p>500 hour extended salt spray, EMI -50dB@10GHz specification min. 175 Celsius</p> <p>Shell size: 13</p> <p>Insert arrangement: 13-35</p> <p>Contact Type: Socket</p>	2000 EA	
30.	5935992198453 NO SUBSTITUTE	62GB-56TG-14-04PW	Connector,plug, electrical	<p>Series designation: Aluminium shell</p> <p>Shell style: 56T straight plug</p> <p>Shell size: 14</p> <p>Number of contact: 04</p> <p>Contact style: Pin</p> <p>Orientation: W</p>	80 EA	
31.	5935993759574 NO SUBSTITUTE	TV06RW-13-35PD (W52)	Connector,plug, electrical	<p>Series designation: Tri-Start Series connector 38999</p> <p>Shell style: straight plug</p> <p>Service class: Corrosion resistant olive drab cadmium plate aluminum,</p> <p>500 hour extended salt spray, EMI -50dB@10GHz specification min. 175 Celsius</p> <p>Shell size: 13</p> <p>Insert arrangement: 13-35</p> <p>Contact Type: Pin</p>	1600 EA	

32.	5935994590298 NO SUBSTITUTE	62GB-5338-10-76PF	Connector,plug, electrical	Series designation: Aluminium shell Shell style: Free style plug, with thread Shell size: 110 Shell plating: Olive drab zinc cobalt Number of contact: 7 of 20 contacts and 6 of 22 contacts Contact style: Pin	650 EA	
33.	5935995518739 NO SUBSTITUTE	TV06RW-13-35PB (W52)	Connector,plug, electrical	Series designation: Tri-Start Series connector 38999 Shell style: Straight Plug Service class: Corrosion resistant olive drab cadmium plate aluminum, 500 hour extended salt spray, EMI -50dB@10GHz specification min. 175 Celsius Shell size: 13 Insert arrangement: 13-35 Contact Type: Pin Keyway orientation: B Number of contacts: 22	800 EA	
34.	5935995671223 NO SUBSTITUTE	TV07RW-13-35SD (W52)	Connector,plug, electrical	Series designation: Tri-Start Series connector 38999 Shell style: Jam nut receptacle Service class: Corrosion resistant olive drab cadmium plate aluminum, 500 hour extended salt spray, EMI -50dB@10GHz specification min. 175 Celsius Shell size: 13 Insert arrangement: 13-35 Contact Type: Socket Number of contacts: 22	1900 EA	
35.	5935998144251 NO SUBSTITUTE	TV07RW-13-35PN (W52)	Connector,plug, electrical	series designation: Tri-start Series connector 38999 shell style: jam nut receptacle service class: corrosion resistant olive drab cadmium plate aluminum, 500 hour extended salt spray, EMI -50dB@10GHz specification min. 175 Celsius shell size: 13 insert arrangement: 13-35 contact type: pin numbers of contacts: 22	1000 EA	

36.	5935011467337	MIL-C-38999/26	Connector,plug, electrical	<p>Body style: 9a straight shape, internal coupling w/backshell</p> <p>Overall length: 31.0 millimeters maximum</p> <p>Overall diameter: 44.9 millimeters maximum</p> <p>Connector locking method: internally threaded coupling nut</p> <p>Threaded device type: coupling facility</p> <p>Nominal thread size: 1.500 inches</p> <p>Thread class: 2b</p> <p>Thread quantity per inch: 10</p> <p>Thread direction: right-hand</p> <p>Shell type: solid</p> <p>Shell material: aluminum alloy</p> <p>Shell surface treatment: cadmium</p> <p>Shell surface treatment document and classification: qq-p-416 fed spec</p> <p>Single treatment response</p> <p>Polarization method: keyway or multiple keyway</p> <p>Insert position in deg: 0.0</p> <p>Mating end quantity: 1</p>	70 EA	
37.	5935145692808	KIT40846 (USB FIELD)	Connector, receptacle, electrical	<p>Connector type: USBFTV 72G35</p> <p>Shell style: Receptacle</p> <p>Service class: Olive Drab</p>	700 EA	
38.	5935200029360	3CTI-BJC-32C	Cover,electrical connector	<p>Overall length: 115.0 millimeters nominal</p> <p>Special features: dustcap,shell size 13,lanyard with fitting for screw</p> <p>Part name assigned by controlling agency: 3cti composite connector</p> <p>Cap;for use with d38999/26 style connectors</p>	1100 EA	
39.	5935015677258	USBFTVC7G	Cover, electrical connector	<p>Style designator: 2a external bayonet w/chain or rope</p> <p>Material: metal</p> <p>Surface treatment: cadmium</p> <p>Special features: for use with usb tv harsh environment jam nut</p>	900 EA	
40.	5935016008481 NO SUBSTITUTE	660-024NC13F5-05	Cover, electrical connector	<p>For Use With:Mil-C-38999 Series III</p> <p>Connectors Receptacle</p> <p>Finish: Zinc cobalt, Dark olive drab</p> <p>Shell Size:13</p> <p>Attachment type: Wire rope, nylon jacket</p> <p>Attachment length: 5 inches</p> <p>Eyelet OD: 0.167 inches</p>	1600 EA	
41.	5935016008487 NO SUBSTITUTE	660-023NC13F5-58	Cover, electrical connector	<p>For Use With:Mil-C-38999 Series III</p> <p>Connectors Plug</p> <p>Finish: Zinc cobalt, Dark olive drab</p> <p>Shell Size:13</p> <p>Attachment type: Wire rope, nylon jacket</p> <p>Attachment length: 5 inches</p> <p>Split ring OD: 0.890 inches</p>	400 EA	

42.	5935016008490 NO SUBSTITUTE	660-023NC13F5-05	Cover, electrical connector	For Use With:Mil-C-38999 Series III Connectors Plug Finish: Zinc cobalt, Dark olive drab Shell Size:13 Attachment type: Wire rope, nylon jacket Attachment length: 5 inches Eyelet OD: 0.167 inches	300 EA	
43.	5935016008485 NO SUBSTITUTE	660-023M13F5-05	Cover, electrical connector	For Use With:Mil-C-38999 Series III Connectors Plug Finish: Electroless nickel Shell Size:13 Attachment type: Wire rope, nylon jacket Attachment length: 5 inches Eyelet OD: 0.167 inches	400 EA	
44.	5935015436812	S4023S0904-34-2	Backshell, electrical connector	Style designator: 3c straight type Material: aluminum alloy and rubber, silicone base Surface treatment: cadmium and chromate Thread series designator: unef Nominal thread size: 0.688 inches Thread quantity per inch: 24	400 EA	
45.	5935015999634 NO SUBSTITUTE	M85049/88-23W02	Backshell, electrical connector	Connector Shell Size:23 Cable Exit Angle:180° Connector Body Material: Aluminium Alloy Body Plating: Nickel cadmium with Green Chromate Passivation Colour: Green Chromate Connector Type: Backshell	60 EA	
46.	5935200027283	3CTI-BBC-01-08	Backshell, electrical connector	Material: nickel bronze Cable opening diameter: 0.500 inches maximum Special features: straight	450 EA	
47.	5935015891096	440HJ030NF1304-B	Backshell, electrical connector	Angle: 90° Finish: Nickel cadmium Color: Olive Corrosion resistance: 1000 hours Shell size: 13	250 EA	
48.	5935993655111 NO SUBSTITUTE	AIA5003-13-00-00-10-AA-04	Backshell, electrical connector	For Use With:Mil-C-38999 Series III Connectors Connector Shell Size:13 Cable Exit Angle:180° Connector Body Material: Aluminium Alloy Body Plating: Zinc Cobalt with Green Chromate Passivation Colour: Green Chromate Connector Type: Backshell Series:5003 Termination Method: Zeta Lock Termination with heatshrink boot groove	5000 EA	

49.	5935995533411 NO SUBSTITUTE	AIA5001-14-00-90-10-AA-04	Backshell, electrical connector	For Use With:Mil-C-38999 Series III Connectors Connector Shell Size:14 Cable Exit Angle:90° Connector Body Material: Aluminium Alloy Body Plating: Zinc Cobalt with Green Chromate Passivation Colour: Green Chromate Connector Type: Backshell Series:5001 Termination Method: Zeta Lock Termination with heatshrink boot groove	60 EA	
50.	5935996844625 NO SUBSTITUTE	AIA5001-10-00-00-10-AA-04	Backshell, electrical connector	For Use With:Mil-C-38999 Series III Connectors Connector Shell Size:10 Cable Exit Angle:180° Connector Body Material: Aluminium Alloy Body Plating: Zinc Cobalt with Green Chromate Passivation Colour: Green Chromate Connector Type: Backshell Series:5001 Termination Method: Zeta Lock Termination with heatshrink boot groove	1250 EA	
51.	5935015891035	440FS031NF1803-3B	Adapter, connector	Angle: Straight Finish: NF Shell size: 18	150 EA	
52.	5935997010613 NO SUBSTITUTE	AIA5001-14-00-00-10-AA-04	Backshell, electrical connector	Connector Shell Size:14 Cable Exit Angle:180° Connector Body Material: Aluminium Alloy Body Plating: Zinc Cobalt with Green Chromate Passivation Colour: Green Chromate Connector Type: Backshell Series:5001 Termination Method: Zeta Lock Termination with heatshrink boot groove	550 EA	
53.	5935998865351 NO SUBSTITUTE	AIA5003-13-00-90-10-AA-04	Backshell, electrical connector	For Use With:Mil-C-38999 Series III Connectors Connector Shell Size:13 Cable Exit Angle:90° Connector Body Material: Aluminium Alloy Body Plating: Zinc Cobalt with Green Chromate Passivation Colour: Green Chromate Connector Type: Backshell Series:5003 Termination Method: Zeta Lock Termination with heatshrink boot groove	3000 EA	

