

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Bid Receiving - PWGSC / Réception des  
soumissions - TPSGC  
11 Laurier St. / 11, rue Laurier  
Place du Portage, Phase III  
Core 0A1 / Noyau 0A1  
Gatineau, Québec K1A 0S5  
Bid Fax: (819) 997-9776

**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**

<b>Title - Sujet</b> HAZMAT SPILL TRAILER	
<b>Solicitation No. - N° de l'invitation</b> W8476-144999/A	<b>Date</b> 2014-05-21
<b>Client Reference No. - N° de référence du client</b> W8476-144999	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HP-912-65141	
<b>File No. - N° de dossier</b> hp912.W8476-144999	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2014-07-03</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Pearson, Neil	<b>Buyer Id - Id de l'acheteur</b> hp912
<b>Telephone No. - N° de téléphone</b> (819) 956-3976 ( )	<b>FAX No. - N° de FAX</b> (819) 953-2953
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  Specified Herein Précisé dans les présentes	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

**Vendor/Firm Name and Address**

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

**Issuing Office - Bureau de distribution**

Vehicles & Industrial Products Division  
11 Laurier St./11, rue Laurier  
7A2, Place du Portage, Phase III  
Gatineau, Québec K1A 0S5

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

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## **PART 1 - GENERAL INFORMATION**

### **1. Requirement**

Canada is seeking proposals to procure:

- 1.1 Quantity four (4) Hazmat Spill Trailer and related items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description Hazmat Spill Trailer and Annex "C" Load List Items.
- 1.2 Irrevocable options identified in Annex "A"- Pricing.
  - 1.2.1 The options may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.
  - 1.2.2 The options may be exercised in whole or in part and on more than one occasion at the sole discretion of Canada, up to the maximum quantity identified in Annex "A"- Pricing.
  - 1.2.3 The options may be exercised within twelve (12) months after contract award.

### **2. Debriefings**

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.

### **3. 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).

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## PART 2 - BIDDER INSTRUCTIONS

### 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 (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) 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 (2014-03-01) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.remove bold

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

**Delete:** sixty (60) days

**Insert:** ninety (90) days

### 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.

### 3. Enquiries - Bid Solicitation

All enquiries must be submitted to the Contracting Authority no later than seven (7) 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.

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#### **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.

#### **5. Environmental Considerations**

Canada is committed to greening its supply chain. In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to acquire products and services that have a lower impact on the environment than those traditionally acquired. Environmental performance considerations include, among other things: the reduction of greenhouse gas emissions and air contaminants; improved energy and water efficiency; reduced waste and support reuse and recycling; the use of renewable resources; reduced hazardous waste; and reduced toxic and hazardous substances. In accordance with the Policy on Green Procurement, for this solicitation:

- Offerors / suppliers are requested to provide all correspondence including (but not limited to) documents, reports and invoices in electronic format unless otherwise specified by the Contracting Authority or Project Authority, thereby reducing printed material.
- Offerors / suppliers should recycle (shred) unneeded copies of non-classified/secure documents (taking into consideration the Security Requirements).
- Product components used in performing the services should be recyclable and/or reusable, whenever possible.

#### **6. Improvement of Requirement During Solicitation Period**

Should bidders consider that the specifications, Statement of Work or Purchase Description 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 seven (7) days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

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## **PART 3 - BID PREPARATION INSTRUCTIONS**

### **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 (2 hard copies)

Section IV Additional Information (1 hard copy).

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 should:

- 1) use 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.

### **2. Section I: Technical Bid**

#### **Section IA: Technical Bid - Hazmat Trailer**

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

Bidders should complete and submit with their bid the following;

- Appendix "2" - Technical Information Questionnaire -Hazmat Spill Trailer.

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## 2.1A Substitutes and Alternatives

Bidders may propose substitutes and alternatives where "**shall<sup>(E)</sup>**" is indicated in the technical requirement description (Purchase Description/Statement of Requirement/Statement of Work). Offerors / suppliers are encouraged to offer or suggest green solutions whenever possible.

2.1A.1 Substitutes and alternatives that are equivalent in form, fit, function and performance will be considered for acceptance by the Technical Authority where the Bidder:

- (a) Clearly identifies a substitute and/or an alternative;
- (b) Designates the brand name, model and/or part number of the substitute and/or of the product, where applicable;
- (c) States that the substitute product is fully interchangeable with the item specified in the technical requirement description;
- (d) Provides complete specifications and brochures, where applicable;
- (e) Provides compliance statements that include technical details showing the substitute and/or the alternative meet all technical requirements specified in the technical requirement description; and
- (f) Clearly identifies those areas in the technical requirement description and in the brochures that support the substitute and/or the alternative compliance with the technical requirements.

2.1A.2 Substitutes and alternatives offered as equivalent in form, fit, function and performance will not be considered for acceptance by the Technical Authority if:

- (a) The bid fails to provide all of the information requested to allow the Technical Authority to fully evaluate the evaluate the equivalency; or
- (b) The substitute and/or the alternative fail to meet or fail to exceed the technical requirements specified in the technical requirement description

### Section IB: Technical Bid - Annex "C" Load List Items

In their technical bid, bidders must state in Annex "C" Load List Items if they propose the part number(s) requested or an equivalent product.

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Bidders must complete and submit with their bid the following;

- Annex "C" - Load List Items.

### **2.1B Equivalent Products**

In order to be considered for the evaluation of an equivalent product, Bidders must provide all required technical information.

2.1B.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:

- (a) designates the brand name, model and/or part number of the substitute product;
- (b) states that the substitute product is fully interchangeable with the item specified;
- (c) provides complete specifications and descriptive literature for each substitute product;
- (d) provides compliance statements that include technical specifics showing the substitute product meets all mandatory performance criteria that are specified in the bid solicitation; and
- (e) clearly identifies those areas in the specifications and descriptive literature that support the substitute product's compliance with any mandatory performance criteria.

2.1B.2 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.

2.1B.3 Offerors/suppliers are encouraged to offer or suggest green solutions whenever Possible.

2.1B.4 In conducting its evaluation of the bids, Canada may, but will have no obligation to, request bidders offering a substitute product to demonstrate, at the sole cost of bidders, that the substitute product is equivalent to the item specified in the bid solicitation.

### 3. Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment.

#### 3.1 Exchange Rate Fluctuation Risk Mitigation

- 3.1.1 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.
- 3.1.2 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.
- 3.1.3 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).
- 3.1.4 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.
- 3.1.5 Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

**4. Section III: Certifications**

Bidders must submit the certifications required under Part 5 - Certifications.

**5. Section IV Additional Information**

Canada requests that bidders submit the following information:

**5.1 Delivery**

**5.1.1 Firm Quantity**

While delivery of the Trailers are requested by 15 October 2014, the best delivery that can be offered is as follows:

Item 001 – Quantity one (1), Hazmat Spill Trailer and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

**NOTE:**

**ITEM 001 IS CONSIDERED THE PROTOTYPE TRAILER AND ONLY AFTER ACCEPTANCE TO ANNEX "B" PURCHASE DESCRIPTION ARE THE OTHER TRAILERS TO BE MANUFACTURED**

Item 002 – Quantity one (1), Hazmat Spill Trailer and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 003 – Quantity one (1), Hazmat Spill Trailer and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 004 – Quantity one (1), Hazmat Spill Trailer and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

**5.1.2 Optional Quantity**

If an option is exercised, the best delivery that can be offered is as follows:

Item 005 – Quantity up to four (4), Hazmat Spill Trailer and related items will be delivered within \_\_\_\_\_ calendar days after an option is exercised.

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## **5.2 Manufacturer's Standard Warranty Period**

Canada requests that the Bidder provide details of the manufacturer's standard warranty period for the vehicle/equipment and its component that exceeds the minimum warranty period of twelve (12) months.

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## **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **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.

#### **1.1 Mandatory Technical Evaluation Criteria - Hazmat Trailer**

##### **1.1.1 Mandatory Proof of Compliance**

Bidders must submit, with their bid, all proof of compliance required in the Annex B - Purchase Description and the Appendix 2 - Technical Information Questionnaire.

##### **1.1.2 Substitutes and/or Alternatives**

Bidders proposing substitutes and/or alternatives must provide all the information as detailed in Part 3, Section 1A, - Substitutes and Alternatives to be considered for evaluation.

#### **1.2 Mandatory Technical Evaluation Criteria - Load List Items**

1.2.1 Bidders must indicate the Part Number and the NSCM offered in Annex "C" Load List Items in accordance with the requirement.

##### **1.2.2 Mandatory Technical Criteria - Equivalent Products**

Bidders proposing an equivalent product must meet the following criteria:

In order to be considered for the evaluation of an equivalent product, Bidders must provide all required technical information as detailed in Part 3, Section 1B, - Equivalent Products to be considered for evaluation.

#### **1.3 Mandatory Financial Evaluation Criteria**

**1.3.1** Bidders must provide with their bid the financial information requested in the bid solicitation and at Annex A - Pricing for items 001, 002, 003, 004, 005, and 007.

**1.3.2** The prices of the bid Bids must be in Canadian dollars, DDP Delivered Duty Paid at destination, Incoterms 2000, for the firm quantities for items 001 to 004 and FCA Free Carrier at Contractor's Canadian facility, Incoterms 2000 for optional quantities items 005 and 007. Canadian Custom Duties and Excise Taxes included where applicable, and Applicable Taxes are extra.

### **1.3.3 Aggregate Evaluated Price**

Bids will be evaluated on an aggregate price basis for the firm quantity, optional quantity and familiarization instruction/training (option) as follows:

- a) the firm unit price for the firm quantity, the optional quantity and familiarization instruction/training (option) will be multiplied by their identified estimated quantities; and
- B) the sum of all results will determine the aggregate evaluated price.

## **2. Basis of Selection**

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical and financial evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated aggregate price will be recommended for award of a contract.

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## **PART 5 - CERTIFICATIONS**

Bidders must provide the required certifications and associated 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 in carrying out any of its obligations under the contract, if any certification made by the Bidder is found to be untrue whether knowingly or 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 may render the bid non-responsive or constitute a default under the Contract.

### **1. Certifications Required Precedent to Contract Award.**

#### **1.1 Integrity Provisions - Associated Information**

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Bid of Standard Instructions 2003. The associated information required will assist Canada in confirming that the certifications are true.

#### **1.2 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 ([http://www.labour.gc.ca/eng/standards\\_equity/eq/emp/fcp/list/inelig.shtml](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)) available from Employment and Social Development Canada (ESDC) - Labour's website.

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.

### **2 Additional Certifications Required Precedent to Contract Award**

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time

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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.

## **2.1 Product Conformance**

The Bidder certifies that all vehicles/equipment proposed conform, and will continue to conform throughout the duration of the contract, to all technical specifications of the purchase description(s).

This certification does not relieve the bid from meeting all mandatory technical evaluation criteria detailed in Part 4.

\_\_\_\_\_  
Bidder's authorized representative signature

\_\_\_\_\_  
Date

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## PART 6 - RESULTING CONTRACT CLAUSES

### 1. Security Requirement

There is no security requirement applicable to this contract.

### 2. Requirement

2.1 The Contractor must deliver quantity four (4), Hazmat Spill Trailer and related items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description Hazmat Spill Trailer and Annex "C" load list Items.

2.2 The Contractor grants to Canada irrevocable options identified in Annex "A" - Pricing.

2.2.1 The options may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

2.2.2 The options may be exercised in whole or in part and on more than one occasion at the sole discretion of Canada, up to the maximum quantity identified in Annex "A" - Pricing.

2.2.3 The options may be exercised within Twelve (12) months after contract award.

2.3 Optional Extended Warranty Period (**if applicable**)

The Contractor grants to Canada the irrevocable option to extend the warranty period for an additional (to be inserted by PWGSC at time of contract award) months, under the same terms and conditions and at the price stated in the Contract at Annex "A" - pricing. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option within ninety (90) calendar days after contract award and/or the exercising of an option by sending a written notice to the Contractor.

### 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 (<http://sacc.pwgsc.gc.ca/sacc/index-e.jsp>) issued by Public Works and Government Services Canada.

### 3.1 General Conditions

2010A (2014-03-01) General Conditions - Goods (Medium Complexity), apply to and form part of the contract.

Section 09 entitled Warranty of general conditions 2010A is amended by deleting subsection 2 in its entirety and replacing it with the following:

The Contractor must pay the transportation cost associated with returning the Work or any part of the Work to the Contractor's plant for replacement, repair or making good. The Contractor must also pay the transportation cost associated with forwarding the replacement or returning the Work or part of the Work when rectified to the delivery point specified in the Contract or to another location as directed by Canada. If, in the opinion of Canada, it is not expedient to remove the Work from its location, the Contractor must carry out any necessary repair or making good of the Work at that location. In such cases, the Contractor will be responsible for all Costs (including travel and living expenses) incurred in so doing, Canada will not reimburse these Costs.

If action to effect repairs under warranty cannot be initiated within **two (2)** working days and completed within a reasonable length of time or if the Contractor has no repair facilities in the immediate vicinity (**within 100 kilometres**) of the specified delivery destinations (consignees), the Department of National Defence reserves the right to make such repairs and be reimbursed by the Contractor at the rate of **\$103.91** per hour for labour and the cost for replaced parts."

All other provisions of the warranty section remain in effect.

## 4. Term of Contract

### 4.1 Delivery of Trailer

#### 4.1.1 Firm Quantity

Delivery date of the trailer must be made as follows:

Item 001 – Quantity one (1), Hazmat Spill Trailer and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

**NOTE:**

**ITEM 001 IS CONSIDERED THE PROTOTYPE TRAILER AND ONLY AFTER ACCEPTANCE TO ANNEX "B" PURCHASE DESCRIPTION ARE THE OTHER TRAILERS TO BE MANUFACTURED**

Item 002 – Quantity one (1), Hazmat Spill Trailer and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 003 – Quantity one (1), Hazmat Spill Trailer and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 004 – Quantity one (1), Hazmat Spill Trailer and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

**4.1.2 Option Quantity**

Item 005 - Quantity up to four(4), Hazmat Spill Trailer and related items to be delivered within \_\_\_\_\_ calendar days after an option is exercised. (Days to be inserted by PWGSC the Contracting Authority at time of contract award.)

**5. Authorities**

**5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Name: Neil Pearson  
Title: Supply Specialist  
Organization: Public Works and Government Services Canada - Acquisitions Branch  
LEFT Directorate, HP Division,  
7A2, Place du Portage, Phase 3, 11 Laurier Street, Gatineau Quebec,  
K1A 0S5  
Telephone: 819 956-3976  
Facsimile: 819 953-2953  
E-mail: neil.pearson@pwgsc-tpsgc.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 Procurement Authority

The Procurement Authority for the Contract is:

Name: \_\_\_\_\_ (To be inserted by PWGSC at time of contract award.)

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Facsimile: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

E-mail: \_\_\_\_\_

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for the implementation of tools and processes required for the administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Procurement Authority however the Procurement Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of Work can only be made through a contract amendment issued by the Contracting Authority.

## 5.3 Technical Authority:

The Technical Authority for the Contract is:

Name: \_\_\_\_\_ (To be inserted by PWGSC at time of contract award.)

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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.

#### 5.4 Contractor's Representative

Name and telephone number of the person responsible for :

##### General enquiries

Name: \_\_\_\_\_ (To be completed by the bidder.)

Title: \_\_\_\_\_

Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Facsimile: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

E-mail: \_\_\_\_\_

##### Delivery follow-up

Name: \_\_\_\_\_ (To be completed by the bidder.)

Title: \_\_\_\_\_

Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Facsimile: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

E-mail: \_\_\_\_\_

#### 5.5 After Sales Service

5.5.1 The following dealer and/or agent is authorized to provide after sales service, maintenance and warranty repairs and a full range of repair parts for the vehicle/equipment offered:

##### Item 001

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Distance between the delivery location and the dealer and/or agent: \_\_\_\_\_ km

##### Item 002

Name: \_\_\_\_\_

Solicitation No. - N° de l'invitation

W8476-144999/A

Amd. No. - N° de la modif.

File No. - N° du dossier

hp912W8476-144999

Buyer ID - Id de l'acheteur

hp912

CCC No./N° CCC - FMS No/ N° VME

W8476-144999

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Distance between the delivery location and the dealer and/or agent: \_\_\_\_\_ km

**Item 003**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Distance between the delivery location and the dealer and/or agent: \_\_\_\_\_ km

**Item 004**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Distance between the delivery location and the dealer and/or agent: \_\_\_\_\_ km

**6. Payment**

**6.1 Basis of Payment - Firm Unit Price(s)**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid the firm unit price(s) specified in Annex "A" - Pricing, and as follows:

Basis of Payment (BOP) Type 1: Firm unit prices in Canadian dollars, Delivered Duty Paid at destination, Incoterms 2000, including Canadian Custom Duties and Excise Taxes included where applicable, and applicable Taxes are extra.

Basis of Payment (BOP) Type 2: Firm unit prices in Canadian dollars, FCA Free Carrier, Incoterms 2000 at Contractor's Canadian facility or Contractor's Canadian distribution point, including Canadian Custom Duties and Excise Taxes included where applicable, and applicable Taxes are extra.

Basis of Payment (BOP) Type 3: Price to be negotiated in Canadian dollars, Delivered Duty Paid at destination, Incoterms 2000, including Canadian Custom Duties and Excise Taxes included where applicable, and applicable Taxes are extra.

The transportation cost and living expense will be "negotiated" when Canada intends to exercise an option and has identified the applicable quantities and destinations. When requested by Canada, as a basis for negotiation, the Contractor must provide the transportation price(s) and/or Travel and living expense and relevant information.

Basis of Payment (BOP) Type 4: If exercised, the Contractor will be reimbursed its authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the National Joint Council Travel Directive (<http://www.njc-cnm.gc.ca/directive/index.php?sid=90&hl=1&lang=eng>), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees".

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 SACC Manual Clauses

H1001C Multiple Payments

2008-05-12

### 6.3 Exchange Rate Fluctuation Adjustment

6.3.1 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.

6.3.2 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.

6.3.3 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)

$i_0$

Initial exchange rate (CAN\$ per unit of foreign currency [e.g. US\$1])

$i_1$

exchange rate for adjustments (CAN\$ per unit of foreign currency [e.g. US\$1])

Qty quantity of units

6.3.4 The initial exchange rate is typically set as the noon rate as published by the Bank of Canada on the solicitation closing date.

6.3.5 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.

6.3.6 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.

6.3.7 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  $[i_1 - i_0] / i_0$ ).

6.3.8 Canada reserves the right to audit any revision to costs and prices under this clause.

## 7. Invoicing Instructions

7.1 The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions including the Client Ref # BT454 . Invoices cannot be submitted until all work identified in the invoice is completed. Suppliers are requested to provide invoices in electronic format unless otherwise specified by the Contracting Authority or Project Authority, thereby reducing printed material.

Each invoice must be supported by:

- (a) a copy of the release document and any other documents as specified in the Contract;

7.2 Invoices must be distributed as follows:

- (a) The original and one (1) copy must be forwarded to the following address for certification and payment:

National Defence Headquarters  
Mgen George R. Pearkes Bldg  
101 Colonel By Drive  
Ottawa, Canada  
K1A 0K2

Attention: DLP \_\_\_\_\_

- (b) One (1) copy must be forwarded to the PWGSC Contracting Authority identified under the section entitled "Authorities" of the Contract.

7.3 Holdback

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A ten percent (10%) holdback will apply on the total price of each Trailer Items 001 to 005 on any due payment of the said trailer. Release of the holdback (10%) is conditional upon receipt and certified acceptance by inspection authority of the said vehicle and all related items as identified in Annex "A" - Pricing.

Applicable Taxes must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no Taxes payable as it was claimed and payable under the previous invoice.

- (a) The original and one (1) copy of the invoice for the holdback must be forwarded to the Procurement Authority identified under the section entitled "Authorities" of the Contract.
- (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

## 8. Certifications

### 8.1 Compliance

The continuous Compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing associated 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 associated 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.

## 9. Applicable Laws

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

## 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 (2014-03-01) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Pricing;

- (d) Annex "B" - Purchase Description - Hazmat Spill Trailer  
 (e) Appendix 2- Technical Information Questionnaire - Hazmat Spill Trailer  
 (f) Annex "C" - Load List Items  
 (g) the Contractor's bid dated \_\_\_\_\_

## 11. SACC Manual Clauses

A1009C	Work Site Access	2008-05-12
A9006C	Defence Contract	2012-07-16
A9049C	Vehicle Safety	2011-05-16
C2800C	Priority Rating	2013-01-28
C2801C	Priority Rating - Canadian-based Contractors	2011-05-16
D3010C	Dangerous Goods/Hazardous Products	2012-07-16
D5510C	Quality Assurance Authority (DND) - Canadian-based Contractor	2012-07-16
D5515C	Quality Assurance Authority (DND) - Foreign-based and United States Contractor	2010-01-11
D5540C	ISO 9001:2008 Quality Management Systems - Requirements (QAC Q)	2010-08-16
D5545C	ISO 9001:2000 - Quality Management Systems - Requirements (QAC C)	2010-08-16
D5604C	Release Documents - Foreign based Contractor	2008-12-12
D5605C	Release Documents - US based Contractors	2010-01-11
D5606C	Release Documents - Canadian-based Contractors	2012-07-16
D9002C	Incomplete Assemblies	2007-11-30
G1005C	Insurance	2008-05-12

## 12. Inspection and Acceptance

The Technical Authority or his representative is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the Requirements and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

### NOTE:

**ITEM 001 IS CONSIDERED THE PROTOTYPE TRAILER  
 AND ONLY AFTER ACCEPTANCE TO ANNEX "B" PURCHASE  
 DESCRIPTION ARE THE OTHER TRAILERS TO BE  
 MANUFACTURED**

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### 13. Preparation for Delivery

The trailer must be serviced, adjusted and delivered in condition for immediate use. The interior and exterior must be cleaned before leaving the factory and being released to inspection authority or consignee personnel at the final delivery location.

The generator fuel tank must be at least half full prior to release of the trailers to inspection authority or consignee.

All trailers delivered to the consignee are to be delivered between the hours of 8:00 am and 4:00 pm Monday through Friday, except Federal holidays. Any attempt by the carrier to deliver vehicles before or after these hours may be refused unless arrangements have been made for authorized, qualified personnel to be available to perform inspections and to accept the delivery. When the carrier is required to return due to its failure to make an appointment for delivery, Canada will not be liable to pay for additional costs.

### 14. Shipping Instructions - Delivery at Destination (For Firm quantities)

14.1 The Contractor must ship the goods prepaid DDP - Delivered Duty Paid (as detailed at Annex "A" - Pricing). Unless otherwise directed, delivery must be made by the most economical means. Shipping charges must be shown as a separate item on the Contractor's invoice. The Contractor is responsible for all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and taxes.

14.2 The Contractor must deliver the goods by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the contacts specified in Annex "A" - Pricing. The consignee may refuse shipments when prior arrangements have not been made.

### 15. Release Documents - Distribution

The Contractor must prepare the release documents and distribute them as follows:

- (a) Copy 1: mail to consignee marked: "Attention: Receipts Officer";
- (b) Copies 2 and 3: with shipment (in a waterproof envelope) to the consignee;
- (c) Copy 4: to the Contracting Authority;
- (d) Copy 5: to:  
National Defence Headquarters  
Mgen George R. Pearkes Building

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101 Colonel By Drive  
Ottawa, ON K1A OK2

Attention: DLP \_\_\_\_\_

- (e) Copy 6: to the Quality Assurance Representative;
- (f) Copy 7: to the Contractor;
- (g) Copy 8: all non-Canadian Contractors to:

DQA/Contract Administration  
National Defence Headquarters  
Mgen George R. Pearkes Building  
101 Colonel By Drive  
Ottawa, ON K1A OK2  
E-mail: ContractAdmin.DQA@forces.gc.ca.

## **16. Post-Contract Award Meeting/Pre-Production Meeting**

Within ten (10) working days of the receipt of the Contract, the Contractor must contact the Technical Authority to determine the details of a pre-production meeting. The meeting will be held at the Contractor's plant \_\_\_\_\_ (specify location). Cost of holding such pre-production meeting must be included in the price of the bid. Please note that the travel and living expenses for Government Personnel will be arranged and paid for by the Canada. The crown reserves the right to carry out the Post-Contract Award Meeting/Pre-Production Meeting via teleconference.

## **17. Progress Reports**

The contractor must prepare and submit monthly progress reports in two (2) copies, one to the Procurement Authority and one copy of the report must also be forwarded to the Contracting Authority.

Each progress report must address the following questions:

- (a) Is the delivery on schedule?
- (b) Is the Contract free of any areas of concern in which the assistance or guidance of Canada may be required?
- (c) Each negative response must be supported with an explanation.

## **18. Tools and Loose Equipment**

For shipment verification, all items and tools, which are shipped loose with the trailer must be listed on the Inspection Certificate (CF 1280) or on an attached packing note.

## **19. Spare Parts Availability**

The contractor must ensure that spare parts required to properly maintain and repair the complete vehicle covered by this specification will be available for purchase by the Department of National Defence, or its authorized agents, for a period of 10 years.

## **20. Material**

Material supplied must be new unused and of current production by manufacturer. (2014 model-year or newer).

## **21. Design Changes**

The "Design Change, Design Deviation and Waiver Procedure" as defined in National Defence Standard D-02-006-008/SG-007 must apply.

## **22. Interchangeability**

Unless changes during the production run are authorized by Procurement Authority, all vehicles supplied against any one item of a contract must be the same make and model, and all like assemblies, sub-assemblies and parts must be interchangeable.

## **23. Packaging**

The methods used for preservation and packaging must be in conformity with the Contractor's normal standard for domestic shipment or, if necessary, with standards for overseas shipment as below deck cargo.

## **24. Service at Delivery**

The Contractor must send a Service Representative to each delivery destination to perform the assembly/preparation on all trailers delivered. Cost to provide this service must be included in the price of each trailer.

**ANNEX "A" - PRICING**

**Item 001 Hazmat Spill Trailer (Firm Quantity)**

The Contractor must deliver the trailer including the sample manuals, approved manuals, CD of all manuals, data summary, photographs, warranty letter(s) and familiarization training in accordance with the attached Annex "B" - Purchase Description - Hazmat Spill Trailer and Annex "C" Load List Items.

The Hazmat Spill Trailer and related items must be delivered to:

CFB/ASU Wainwright  
Major Equipment Section, BLDG 593  
Denwood, Alberta  
TOB 1B0

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

Quantity: One (1)

**Item 002 Hazmat Spill Trailer (Firm Quantity)**

The Contractor must deliver the trailer including the approved manuals and warranty letter(s) and familiarization training in accordance with the attached Annex "B" - Purchase Description - Hazmat Spill Trailer and Annex "C" Load List Items.

The Hazmat Spill Trailer and related items must be delivered to:

CFB/ASU Petawawa  
Major Equipment Section  
Petawawa, Ontario  
K8H 2X3

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

Quantity: One (1)

**Item 003 Hazmat Spill Trailer (Firm Quantity)**

The Contractor must deliver the trailer including the approved manuals, warranty letter(s) and familiarization training in accordance with the attached Annex “B” - Purchase Description - Hazmat Spill Trailer and Annex “C” Load List Items.

The Hazmat Spill Trailer and related items must be delivered to:

BFC/USS Valcartier  
Major Equipment Section Bat 188 (Pon Comb)  
Courcelette, Quebec  
G0A 4Z0

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

Quantity: One (1)

**Item 004 Hazmat Spill Trailer (Firm Quantity)**

The Contractor must deliver the trailer including the approved manuals, warranty letter(s), and familiarization training in accordance with the attached Annex “B” - Purchase Description - Hazmat Spill Trailer and Annex “C” Load List Items.

The Hazmat Spill Trailer and related items must be delivered to:

19 Wing Comox  
Major Equipment Section  
Comox, British Columbia  
V0R 2K0

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

Quantity: One (1)

**Item 005 Hazmat Spill Trailer (Optional Quantity)**

If this option is exercised, the Contractor must deliver the trailer/equipment including approved manuals and warranty letter(s) in accordance with the attached Annex "B" - Purchase Description - Hazmat Spill Trailer

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipement in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment).

Quantity: Up to four (4)

**Item 006 Transportation Cost (optional Quantities)**

If optional trailers are exercised, the contractor must deliver the trailer to final destination detailed below.

The Hazmat Spill Trailer and ancillary items must be delivered to:  
\_\_\_\_\_  
\_\_\_\_\_ (to be provided by PWGSC if an option is exercised)  
\_\_\_\_\_  
\_\_\_\_\_

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC if an option is exercised.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC if an option is exercised.)

Quantity: Up to four (4)

Negotiated price: \$(to be negotiated if an option is exercised) per vehicle/equipment, for transportation cost, Delivered Duty Paid at destination, in accordance with Part 6, Basis of Payment Type 3.

*(This item will not be included in the financial evaluation)*

**Item 007 Familiarization instructions/training (Option)**

If this option is exercised, the Contractor must provide familiarization instruction/training, in accordance with the attached Annex "B" - Purchase Description - Hazmat Spill Trailer

Firm unit price of \$\_\_\_\_\_ in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment).

Quantity: up to four (4)

**Item 008 Travel and Living for Familiarization Instruction/Training (Option)**

All travel must have the prior authorization of the Technical Authority. All payments are subject to government audit.

All travel and living expenses incurred in the performance of the work outside Canada will be the Contractor's responsibility.

When requested by Canada, the Contractor must provide an estimated cost for the travel and living.

Estimated cost: \_\_\_\_\_ Familiarization Instruction/Training, for Travel and Living expenses, Delivered Duty Paid at destination, in accordance with Part 6, Basis of Payment Type 4.

Quantity: up to four (4)

*(This item will not be included in the financial evaluation)*

**Item 009 Optional Extended Warranty Period**

**Optional warranty coverage available:**      YES \_\_\_\_\_      NO \_\_\_\_\_

If yes, Canada requests that the Bidder provide details and pricing information of any optional extended warranty period available for the vehicle/equipment and any related items.

If exercised, the warranty period will be extended for an additional period of \_\_\_\_\_ months/calendar days.

Firm unit price of \$\_\_\_\_\_ Basis of Payment Type 2 (as detailed in Part 6)

*(This item will not be included in the financial evaluation)*

ANNEX: B

Date: May 2014



**NOTICE**

This documentation has been reviewed by the Technical Authority and does not contain controlled goods.

**AVIS**

Cette documentation a été révisée par l'Autorité technique et ne contient pas de marchandises contrôlées.

**PURCHASE DESCRIPTION  
FOR  
TRAILER, VAN TYPE, TANDEM AXLE  
HAZMAT SPILL**

Department of National Defence  
21 May, 2014

1. SCOPE

- 1.1. Applicability: This purchase description describes the requirement for a Hazmat Spill trailer, van body type, tandem axle with a minimum payload of 1,500kg. The trailer will be used for responding to emergencies involving fuel and hazardous chemical spills. There are presently a number of Hazmat Trailers in use by the Canadian Forces.
- 1.2. Notes: The following applies:
- (a) All "mandatory" requirements are identified by "**shall**".
  - (b) Requirements identified by "**shall**<sup>(E)</sup>" are mandatory. The Technical Authority will consider substitutes/alternatives for acceptance as an Equivalent;
  - (c) This document calls up minimum mandatory and guidance requirements.
  - (d) In this document, "provided" implies "provided and installed".
  - (e) All conversions (metric/customary) are approximate.

2. APPLICABLE DOCUMENTS

- 2.1. Publications: The following documents form part of this Purchase Description. Web sites for the organization are given when available. Effective documents are those in effect on date of manufacture. Sources are as shown:
- (a) Canadian Motor Vehicle Safety Standards (CMVSS)  
Transport Canada  
Road Vehicle and Motor Vehicle Regulation  
330 Sparks Street  
Ottawa  
Ontario  
K1A 0N5  
<http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm>
  - (b) Society of Automotive Engineers (SAE) Handbook  
400 Commonwealth Dr.  
Warrendale  
PA  
USA  
15096  
<http://www.sae.org>
  - (c) CSA Standard C22-1, Canadian Electrical Code, Part 1, Safety Standards for Electrical Installations.

### 3. REQUIREMENTS

- 3.1. Standard Design: The following applies (Reference Fig. 1).
- (a) The trailer **shall** be a proven product or **shall** be based on a proven product and **shall** be the manufacturer's latest standard model commercial product.
  - (b) The trailer **shall** include all components, equipments and accessories normally supplied with a trailer of this type although the specifics may not be listed in this purchase description.
  - (c) All systems and components **shall** be in accordance with common industry practice such as SAE, CSA and ISO standards and test methods.
  - (d) Ratings not to be raised above normal commercial levels in order to meet the requirements of this purchase description.
  - (e) All systems and components **shall** be properly located and protected from road hazards such as water, mud and gravel.
  - (f) Systems and components **shall** be of the same make, model and model year.
  - (g) Compliance to applicable federal laws, regulations and industry standards governing manufacture and safety regulations in effect in Canada at the time of manufacture.
- 3.2. Operating Conditions:
- (a) The trailer, under all load conditions, **shall** operate without appreciable degradation in performance, reliability and maintainability.
  - (b) The trailer **shall** operate safely and efficiently on paved roads, gravel roads and dirt roads with severe washboard and pot holes.
  - (c) The trailer **shall** operate safely and efficiently in the temperature range of -40°C to 40°C.
- 3.3. Vehicle Safety Regulations:
- (a) The trailer **shall** be certified to: Motor Vehicle Safety Act (MVSA) and Motor Vehicle Safety Regulations (MVSR) in Canada or equivalent, through a completed vehicle Safety Compliance Certification Label with a National Safety Mark, as a seal of compliance.
- 3.4. Human Engineering and Safety: The following applies:
- (a) All systems and components on the trailer **shall** be safe and easy to use by the 5-95<sup>th</sup> percentile soldier under all operating conditions. Safety features such as warning lights and instructions plates; non-slip surfaces **shall** be provided as required.
- 3.5. Payload and Weight Rating:
- (a) Payload: The trailer **shall** be capable of carrying 1,500 kg in the van body.
  - (b) Weight Rating: Maximum gross trailer weight 3,500 kg.
- 3.6. Dimensions: The following nominal dimensions **shall** be provided, tolerance of +/-2.5 mm.
- (a) Exterior length less drawbar, 7,315 mm.
  - (b) Exterior width, 2,438 mm.

- (c) Interior height, 2,032 mm.
  - (d) Height of trailer floor above ground level 457 mm.
  - (e) Height of drawbar, 457 mm.
  - (f) Maximum height of trailer, 2642 mm.
- 3.7. Maintainability: The following applies:
- (a) All maintenance and repair tasks, especially routine operator maintenance, **shall** be easy to perform with a minimum of special tools. Special tool **shall** be supplied.
- 3.8. Air- portability:
- (a) The trailer **shall** be air transportable in a CC130J Hercules aircraft.
  - (b) Eight evenly spaced tie-downs **shall** be installed on the frame for rail or aircraft transport.
  - (c) The trailer **shall** be configured for air transport, using common hand tools, within 0.5 hours.
- 3.9. Chassis Systems:
- (a) Brakes:
    - I. A hydraulic surge brake system **shall** be installed on the trailer with a lockout capability for backing up.
    - II. A manually applied mechanical parking brake connected to all wheels with the control located at the front of the trailer. The trailer **shall** be equipped with spring activated hand/emergency brake that **shall** hold the trailer on a 20% grade facing up or down the grade.
  - (b) Tires and Wheels: The following **shall** be provided:
    - I. Tubeless tires.
    - II. Wheels interchangeable.
    - III. Wheel assemblies balanced to preclude shimmy at road speeds.
    - IV. A spare wheel and tire (full size) assembly, mounted on the exterior front of the trailer.
  - (c) Suspension and Axles:
    - I. The trailer **shall** be equipped with a torsion type suspension of sufficient capacity to absorb the high impact loading experienced when travelling over rough terrain. High frequency vibrations **shall** be attenuated by the suspension system to minimize the detrimental effects on the payload.
  - (d) Frame:
    - I. The main frame rails **shall** be HSS structural steel tubing, nominal dimensions 127 mm by 50 mm by 5 mm.
    - II. The frame **shall** be reinforced to provide maximum strength at the towing, air and rail transport tie-down points.
  - (e) Drawbar: The following applies:

- I. An aluminium or steel drawbar with a height adjustable towing eye **shall** be provided.
  - II. The towing eye, capable of being hitched to the Holland Hitch, PH-16B or equivalent, **shall** be provided and be capable of being positioned between 457 mm to 914 mm above ground level.
  - III. The drawbar to transfer approximately 10 to 13% of the GVW of the trailer to the towing vehicle's pintle hook.
- 3.10. Electrical System: (Reference Fig. 2 A & B)
- (a) 110V/220 ac and 12VDC system **shall** be provided. The ac system will be powered by an acoustic 5 KW diesel generator or shore power. The towing vehicle will provide the dc power.
  - (b) An external ac receptacle with a switchover at the AC Load centre **shall** provide power to the trailer when the generator is not in use.
  - (c) The trailer **shall** be supplied with two power cables with electrical connectors for vehicle hook-up, one when towed by a Standard Military Vehicle (SMP) (STANAG 4007 (Edition 2)) a 24 VDC system and the other when towed by a commercial vehicle with a seven pin circular for a 12 VDC system. The connectors **shall** terminate at a switch box on the exterior front wall of the trailer and provide power for the beacon light, trailer markers, signal lights and three 12 VDC fixtures in the two compartments.
  - (d) Loom covered wiring **shall** be protected by insulating grommets where passing through metal.
  - (e) Brakes, back-up lights, clearance lamps, running lamps and turning indicator lamps **shall** be as per SAE Standards.
  - (f) An orange beacon light **shall** be installed on the roof, centre front of the trailer that uses towing vehicle power and be easily removable for air transport.
  - (g) Three dc emergency lights, two in the rear compartment and one in the front compartment **shall** be installed.
  - (h) The lights and reflectors **shall** be shock mounted, recessed or otherwise protected from damage. Lights at the rear of the trailer **shall** be sealed with a flexible rubber ring and waterproof connector.
- 3.11. Generator:
- (a) An electric and manual start, acoustic 5.0 KW diesel generator set **shall** <sup>(E)</sup> be installed in the front compartment with the access from the left side of the trailer.
  - (b) The generator **shall** supply the ac power requirement of the trailer as well as external power as required. The generator **shall** be wired to a power distribution box to be mounted on the left wall in the front compartment with quick disconnect.
  - (c) Generator **shall** be mounted on a shelf with a slide out, lock out capability while running. This compartment **shall** be insulated. The generator access door **shall** be securable in the open and closed position and pad lockable.
- 3.12. Van Body:

- (a) The body **shall** be a commercial type aluminium van body.
  - (b) The cross-members can be formed 10 gauge channel steel, 50 mm deep or an aluminium equivalent. Each cross-member **shall** have support gussets welded to the main frame rails.
  - (c) The exterior skin **shall** be pre-painted smooth aluminium sheet, 18 gauge, riveted to wall posts and under structure. Rivets **shall** be spaced 76 mm centre to centre.
  - (d) Wall posts **shall** be aluminium J-type extrusions or an equivalent on 305 mm centres with wide flanges for lining.
  - (e) All panel joints **shall** be designed to prevent the ingress of moisture.
  - (f) All furniture **shall** be made from aluminium. No wood **shall** be used in any construction on the trailer.
- 3.13. Floor:
- (a) The floor **shall** be made from aluminium tread plate and be able to with stand loading and off loading of oil drums, other heavy items with rough edges, oil spillage, etc.
- 3.14. Interior Walls and Ceiling:
- (a) The interior walls and ceiling **shall** be lined with 18 gauge aluminium, white pre-painted sheeting.
  - (b) Thermal breaks **shall** be provided between the interior sheeting and the wall posts and roof cross-members.
- 3.15. Roof:
- (a) A one piece roof riveted around the perimeter to the roof rails **shall** be provided.
  - (b) The roof **shall** be bonded to arched 51 mm top-hat type extruded aluminium roof bows or an equivalent, spaced 305 mm apart.
- 3.16. Front Compartment:
- (a) A compartment **shall** be built at the front of the trailer, five feet in length, the full width and height of the van body with the entrance door on the right side of the trailer. The following applies:
    - (b) The dividing wall **shall** be of the same construction as the left and right walls.
    - (c) Completely insulated **shall** maintain temperature specified in Para 3.20 (a).
    - (d) Generator enclosure **shall** be acoustically enclosed and maintain 75 dba with door closed.
- 3.17. Features:
- (a) A front mount, adjustable, retractable, landing gear with a pivoting, pneumatic caster wheel.
  - (b) A rear bumper fabricated from hollow structural aluminium.
  - (c) Towing safety chains and mud flaps.
  - (d) License Plate Holders and Lamp **shall** be provided.

## 3.18. Doors:

- (a) An aluminium framed single door 711 mm by 1828 mm on the right side of the van body, for the front compartment access **shall** be provided.
- (b) This door **shall** contain a double pane tempered safety glass window with an area of 0.28 square metres, and be equipped with a "black out" curtain constructed from light proof canvas or vinyl material. The curtain **shall** be retained in the open and closed position using velcro stripping.
- (c) An aluminium framed, minimum of 76 mm wide and the full height of the van body, **shall** be provided for the rear door. The door **shall** be used as an access ramp, hinged at the bottom with a cabling mechanism for opening and closing. This door **shall** be covered with aluminium tread plate.
- (d) An aluminium door **shall** be installed for access to the generator compartment on the exterior left wall. The door opening **shall** be the full size of the compartment and be of the lift up type, securable in the open and closed position.
- (e) The two main entrance doors of van body **shall** be equipped with a pad lockable heavy duty 3 point compression type door lock, w/special insert mechanism to allow inside handle override.
- (f) All door handles **shall** be capable of accepting a padlock with a 9.5 mm (3/8 in) shackle.
- (g) Rain gutters **shall** be installed over the doors.
- (h) Bulb type perimeter door seals **shall** be installed on the doors or door frames, "peel and stick" style door seals are not acceptable.
- (i) A hydraulic closing system capable of securing the main entrance doors in the open position **shall** be provided.
- (j) A minimum of three bolted hinges with non-removable pins mounted on the front-most edge of the doors **shall** be provided on the main entrance doors. Piano hinges can be used on all other doors.

## 3.19. Electrical System: (Reference Fig.2 (A) &amp; (B))

- (a) Exterior Lighting: Qty four ac flood lights **shall** be mounted at the corners of the van body. The power switch conveniently located inside the van body on the right rear wall. Lights **shall** be of the LED type, 150 Watts each, adjustable and shielded. One dc orange beacon light that satisfy the requirement for a vehicle being used on an air field **shall** be installed on the roof of the trailer and **shall** be easily removable for air transport.
- (b) Interior Lighting: The following applies:
  - I. Lights **shall** be, covered, LED, double, 48inch, 110-VAC, 20 Watts, qty two in the rear compartment of the van body and one in the front compartment.
  - II. Lights **shall** be installed longitudinal to the centreline of the trailer and controlled by separate on/off switches conveniently located near the doors.
  - III. Qty two 12V dc lights, **shall** be mounted in the rear ceiling and qty one in the front compartment to provide emergency lighting with controls close to the doors.

- IV. Qty two battery operated emergency lights **shall** be installed, one on the front wall in the rear compartment and one on the left wall in the front compartment.
  - V. The lights **shall** be wired in 110V ac system and **shall** have a switch to turn off the system when trailer is not in use, e.g. in storage or when being towed.
  - VI. The ac load centre **shall** be mounted inside the front compartment, above to the generator enclosure.
  - VII. The electrical system **shall** be capable of being powered by the generator in the front compartment and also from an external power source when the generator is not in use. All wiring harnesses, connecting cables, **shall** be provided.
- (c) Interior Electrical Receptacles
- I. Surface mounted Ground Fault Interrupted (GFI) duplex 120 VAC 15 amp electrical receptacles **shall** be provided and located as follows:
    - (a) Two receptacles, centrally located, one on each wall of the trailer and qty one in the front compartment next to the generator housing.
- (d) Exterior Mounted Junction Box: The following applies:
- I. The trailer **shall** be equipped with an exterior mounted junction box, recessed into the front compartment, which will interface an exterior power source receptacle with the generator the 110 VAC system. Two duplex receptacles **shall** also be installed in the junction box for exterior use.
  - II. The box **shall** be located on the left front face of the trailer.
- (e) Trailer body Wiring: The following applies:
- I. All wiring **shall** be numbered and clearly identified at all junctions and bulkheads. Numbering pattern **shall** be on agreement with contractor produced schematics.
  - II. Installation of all running lamps, wiring and electrical devices **shall** comply with applicable Transport Canada Safety Standards and SAE Standards for commercial trailers and **shall** be inspected and approved in writing by the local inspection authority such as the Local Hydro authority or a CSA electrical inspector.
- 3.20. Heating Unit: The following applies:
- (a) The trailer **shall** be equipped with electric base board heater unit(s) capable of heating and maintaining the front compartment to 20 degrees C with outside temperature at minus -40 degrees C.
  - (b) Controls and indicators **shall** be located on the inner front wall at a location convenient to the operator.
- 3.21. Propane Rack; The following applies:
- (a) A propane rack, capable of carrying two 30 lb bottles shall be mounted against the exterior front wall.
- 3.22. Mud Flaps: Mud flaps **shall** be provided.

- 3.23. Spare Tire Assembly: A spare tire and rim assembly **shall** be installed on the exterior front wall. Tire changing tools including a jack **shall** be provided.
- 3.24. Interior Layout: The interior layout of **shall** be as follows: (Figure 1, Reference only)
- (a) Right Interior Wall: The following applies and all items **shall** be supplied and installed, as per figure 1 ref.
- I. Two adjustable shelving units, approximately 914 mm wide by 762 mm deep, floor to ceiling height, each with four shelves. Each unit will be framed with slotted 38 by 38 mm aluminium angles. Aluminium sheeting **shall** be used to enclose each unit on the sides and industrial netting or an equivalent used as the doors, doors **shall** be securable in the open position;
  - II. One aluminium locker, approximately 914 mm wide by 762 mm deep, the full height of wall, with a divider one foot from the right side and four adjustable shelves on each side. The locker **shall** have two doors with recessed handles;
  - III. A restraint system to secure an over pack drum;
  - IV. An adjustable shelving unit, approximately 914 mm wide by 762 mm deep and two feet high installed on the right upper corner. Unit will be built as para. 3.24, (a).
  - V. A 20 lb Carbon Dioxide fire extinguisher with squeeze grip control (bracket included) **shall** be provided and mounted on the right rear wall, with easy accessible from the door.
- 3.25. Left Interior Wall: The following applies and all items **shall** be supplied and installed, as per (Figure 1 reference only).
- (a) An aluminium compartment, approximately 508 mm high and 610 mm deep **shall** be installed. Access to the compartment will be from two lift up type doors on the left exterior wall, with a latch on each one to hold it the open position.
- (b) Four adjustable shelving units approximately 914 mm wide by 762 mm deep, the height of the left wall, with three shelves in each one. Units are to be built as para. 3.24, (a).
- 3.26. Interior Front Wall:
- (a) A first aid kit, NSN 6545-21-111-8439 and a standard eye wash bottle, NSN 6545-21-113-0912 **shall** <sup>(E)</sup> be provided and installed on this wall with easy access.
- 3.27. Front Compartment:
- 3.28. Front Wall: The following applies and **shall** be supplied and installed:
- (a) An aluminium locker 610 mm wide by 381 mm deep by 1981 mm high with recessed handles on doors.
- (b) A fold down aluminium table approximately 914 mm wide by 457 mm deep with folded perimeter of 25 mm. Table **shall** be secured in both positions.
- 3.29. Rear Wall: The following applies and **shall** be supplied and installed:
- (a) A locker approximately 610 mm wide by 381 mm deep by 1981 mm high with recessed handles on doors.

- (b) A table, the length of the front compartment **shall** be installed on top of the generator compartment.
- (c) An adjustable shelving unit that will fit between the generator compartment and the locker. This unit **shall** have four shelves with the height from floor to ceiling. The unit will be constructed as para. 3.24 (a).
- (d) A hinged boarding step, fixed to the frame and stored under the trailer when not in use, **shall** be provided for access to the front compartment.

3.30. Paint and Corrosion Protection:

- (a) The complete trailer **shall** be painted in accordance with the manufacturer's best production procedures using standard commercial practices and materials, rendering a durable finish of the required film thickness and a smooth appearance free from runs, sag and orange peel.
- (b) A cleaning and etching treatment plus primer followed by two coats of paint **shall** be provided on all aluminium components.
- (c) Trailer **shall** be painted white on exposed exterior surfaces normally painted for the commercial trade. Exposed chassis items such as frame **shall** be painted black. Chromed, polished and mill finished surfaces need not be painted.
- (d) Metal surfaces **shall** be treated with a rust preventive oily film product having the following properties:
  - I. Moisture repelling.
  - II. Creeping and self-healing.
  - III. Low solvent content.
  - IV. Compatibility with other materials.
  - V. Non toxic.
- (e) The product **shall** be certified by an independent test laboratory as capable of passing a 12 hour ASTM B117 salt spray endurance test.
- (f) The application **shall** include but not be limited to: the underside of fenders, enclosed and boxed-in sections, seams, mouldings, crevices, weld points, under body and exposed exterior brackets.
- (g) The complete trailer, including the van body **shall** be protected.
- (h) The product **shall** be proven industrial product.
- (i) Stainless steel, zinc plated or hot dipped galvanized fasteners **shall** be provided.
- (j) The design of the complete trailer **shall** prevent galvanic corrosion.

3.31. Miscellaneous:

- (a) Identification Plate: The following information **shall** be provided as a minimum, permanently marked and in a conspicuous and protected location and **shall** be bilingual, English/French:

- I. Manufacturer, model, model year and serial number.
  - II. GAWR and GVWR ratings.
  - III. NATO STOCK NO.
  - IV. Maximum Payload.
  - V. Centre of Gravity Location.
  - VI. Equipment Configuration Code, ECC:
  - VII. Axle Load:
  - VIII. Tongue Load:
  - IX. Tire Pressure (PSI):
  - X. CFR No:
  - XI. The following **shall** be stencilled/painted in the centre of the left and right exterior side walls: -CE HAZMAT EMERGENCY RESPONSE TEAM-. This **shall** also be done in the bilingual form and **shall** be readable from a distance of 50 feet.
- (b) Warning and Instruction Plates: The following applies:
- I. All plates **shall** be within easy view of the user.
  - II. Instructions for special procedures to be followed **shall** be provided.
  - III. International symbols and/or bilingual markings **shall** be provided.
- (c) Dangerous Goods Placard Holders: Four aluminium "Dangerous Goods" placard holders **shall** be supplied as follows:
- I. One each side of the body, centred front to rear and top to bottom.
  - II. One at the rear, centred on the right rear door.
  - III. One at the front, preferably on the left front face of the body.
- (d) Photographs: The contractor **shall** supply the following 200 mm by 250 mm colour photographs taken against a plain background:
- I. 5 left front three-quarter view of a completed unit.
  - II. 5 right rear three-quarter view of a completed unit.
- (e) Safety Recalls and Servicing Data: The following information **shall** be sent to the final delivery locations, on a continuing basis, throughout the expected life of the trailer (10 years):
- I. Safety recalls.
  - II. Manufacturer's technical service bulletins.
  - III. Manufacturer's parts change information.

3.32.1 Deliverables: The following items **shall** be provided:

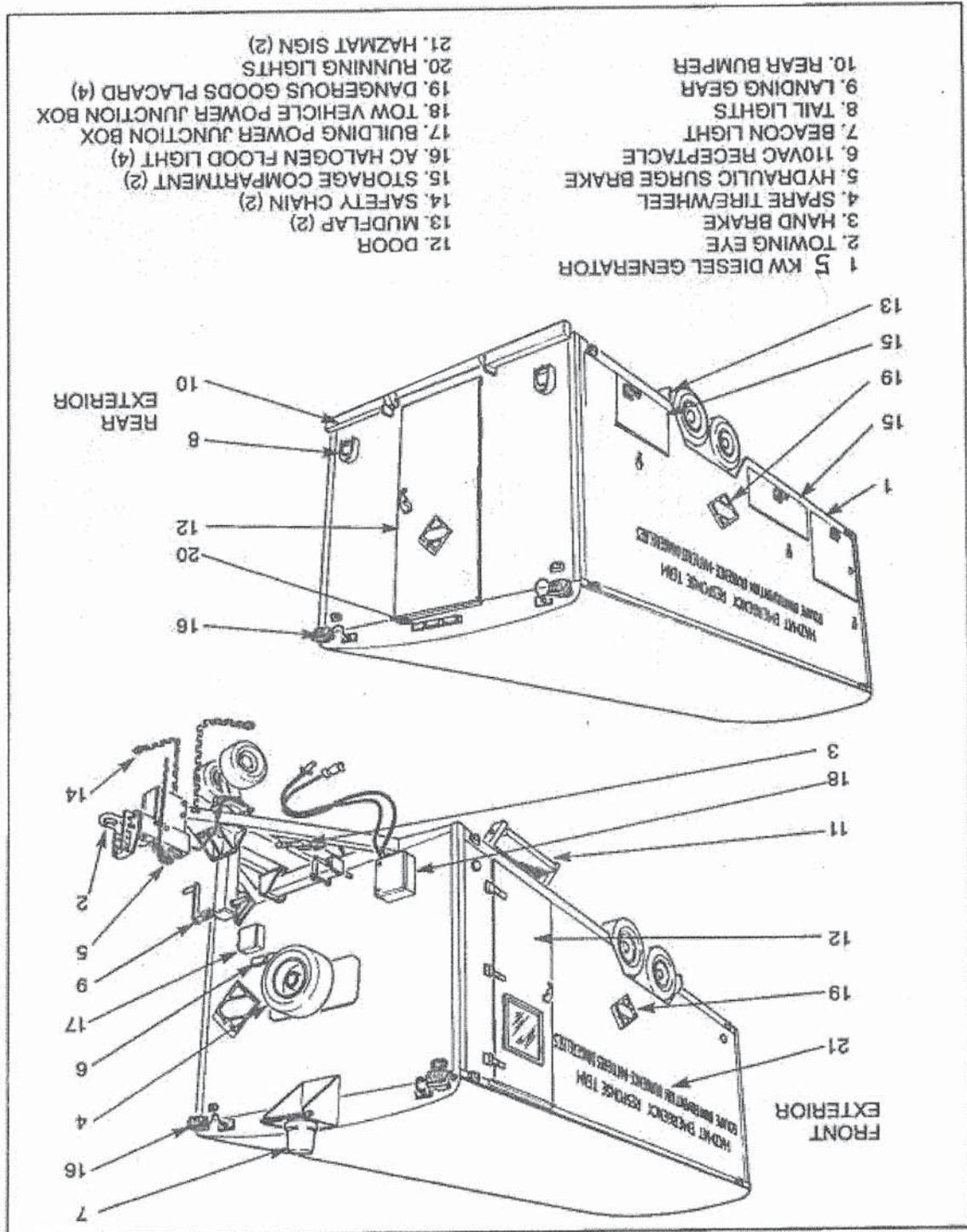
3.32.2 Equipment Manuals – The following manuals **shall** be provided:

- (a) Operator's/Owner's Manuals – Operator's manuals **shall** be furnished in a bilingual format or as 2 manuals in a single binder (one English, one French). A hard copy of the Operator's manual **shall** be delivered with each trailer.
- (b) Parts Manuals – The Parts Manuals **shall** be in English (French translation is desirable).
- (c) Maintenance (Shop Repair) Manuals - The Maintenance (Shop Repair) Manual **shall** be in English (French translation is desirable).
- (d) A copy of the manuals on CD/DVD-ROM will be acceptable. For usability, CD/DVD-ROM **shall** not require password to be accessed.
- (e) Sample Manuals – A set of Sample Manuals, including all of the above manuals. The sample manuals **shall** be delivered to the Technical Authority 15 working days before delivery of trailers. Sample manuals will not be returned. The Technical Authority will provide manual approval or comments within 30 days.
  - IV. Data Summary – The Contractor **shall** provide a Data Summary to the Technical Authority for each complete trailer make/model furnished. The Contractor **shall** complete Data Summary by filling in the required data and an electronic picture into a Data Summary template provided by the Technical Authority.
  - V. Photographs – The contractor **shall** provide the TA with two (2) digital pictures, one of the left front three-quarter view, and one of the right rear three-quarter view. All pictures **shall** be taken with a clear uncluttered background.
  - VI. Warranty Letter – The contractor **shall** provide a copy of the completed Warranty Letter with each trailer shipped in the format approved by the Technical Authority. The Contractor **shall** send a copy of the completed Warranty Notification Letter to the Technical Authority for each trailer shipped, at shipment. A copy of the Warranty Letter **shall** be forwarded to the Technical Authority in electronic format.

3.32.3 Load List Items: The following applies:

- (a) Load List items **shall** be purchase and installed in the completed trailer. Load list items are as per Annex C.

Fig 1. (Sheet 1 of 2) Hazmat Trailer Component Identification.



(Sheet 2 of 2) Hazmat Trailer Component Identification

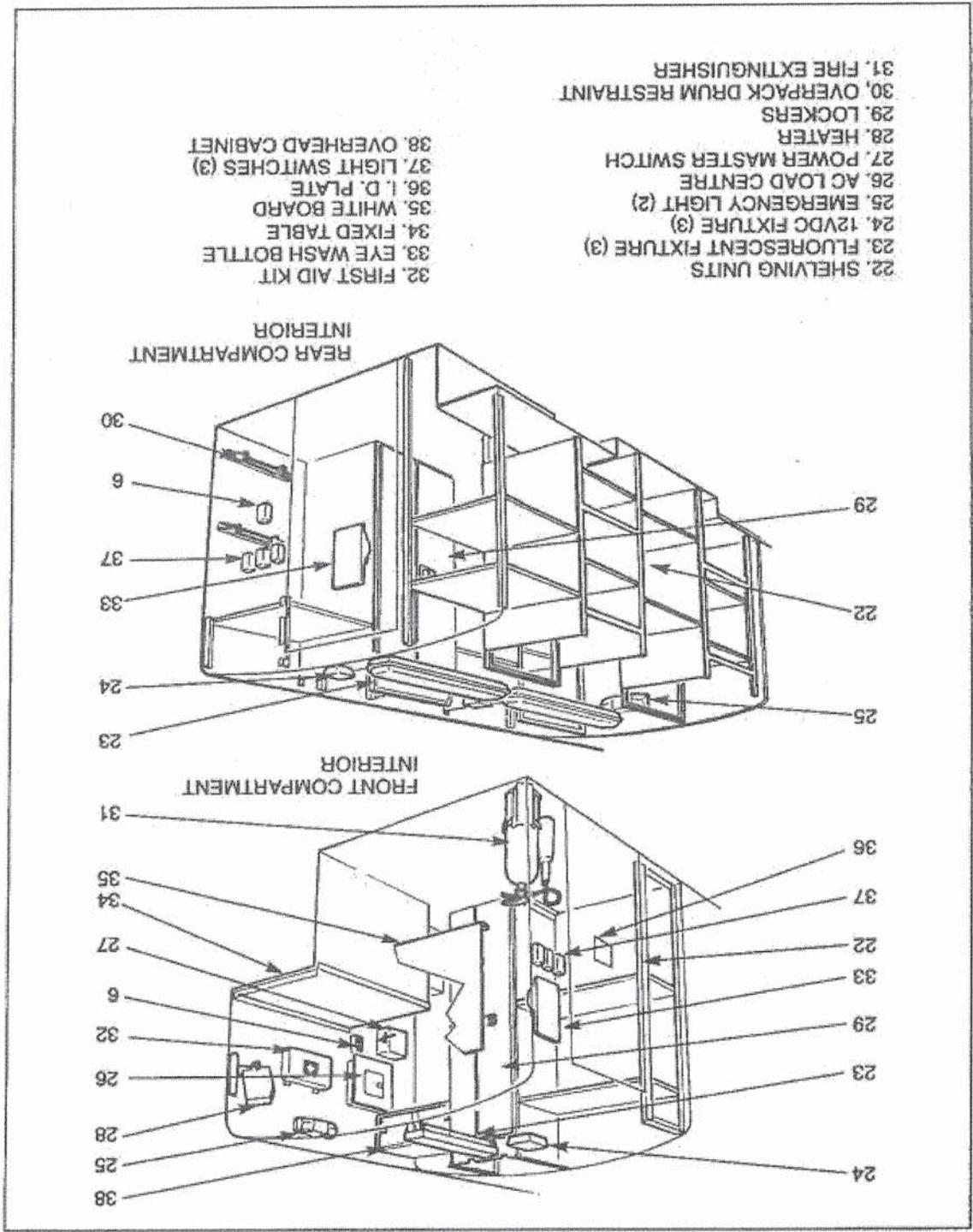


Fig 2A Wiring Schematic-DC

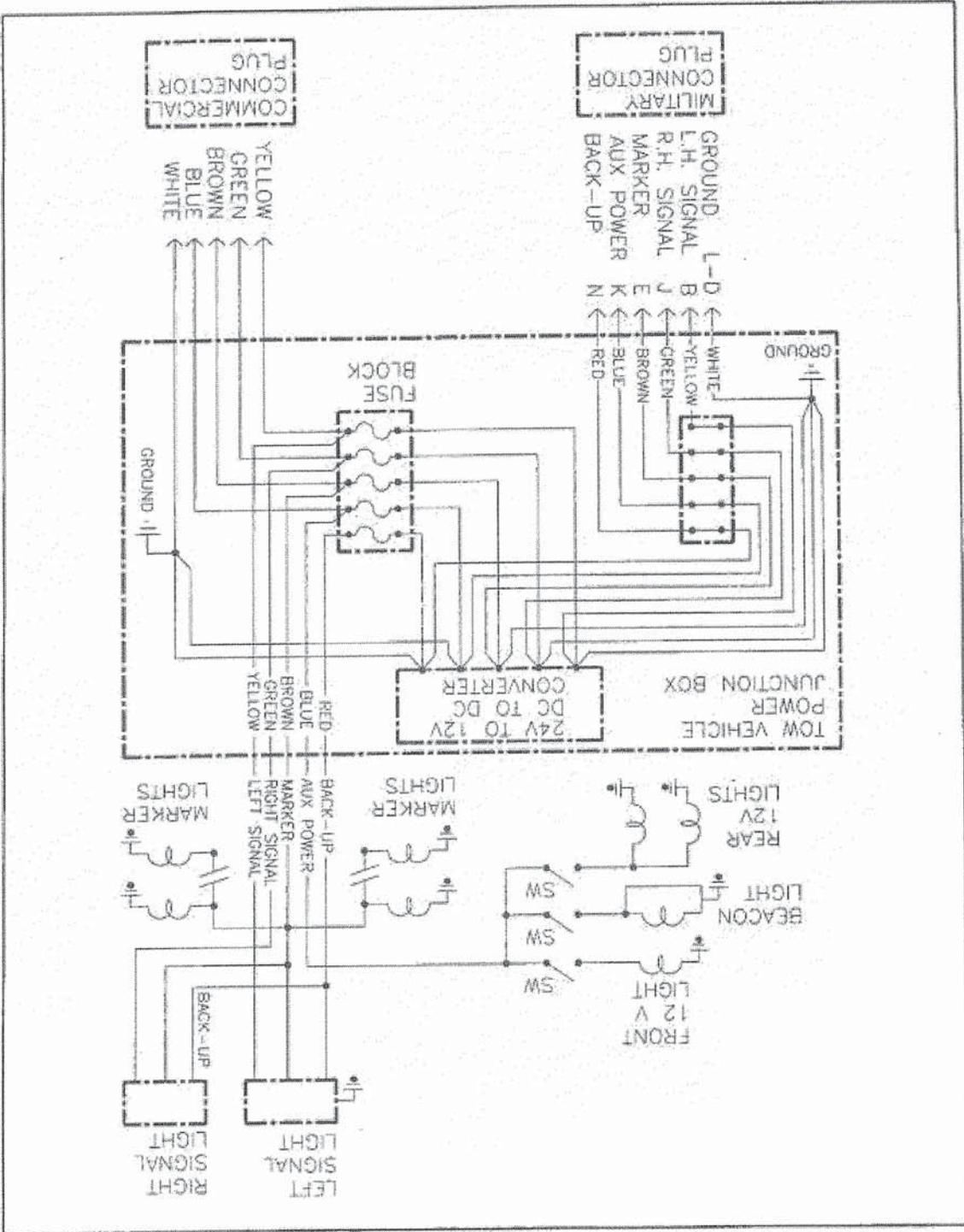
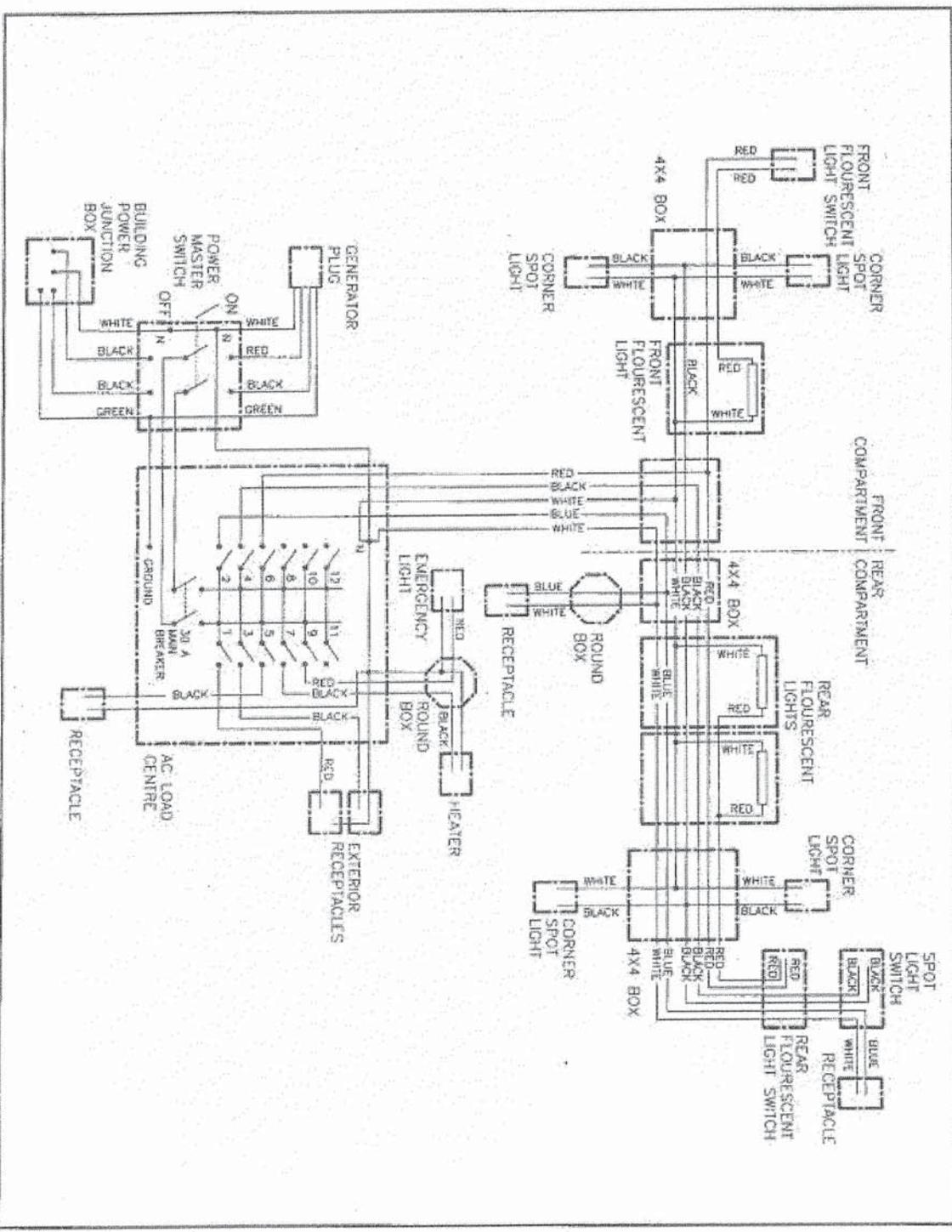


Fig. 2B Wiring Schematic-AC





#### **NOTICE**

This documentation has been reviewed by the technical authority and does not contain controlled goods.

#### **AVIS**

Cette documentation a été révisée par l'autorité technique et ne contient pas de marchandises contrôlées.



**30 Apr 2014**

### **TRAILER, VAN TYPE, TANDEM AXLE**

#### **TECHNICAL INFORMATION QUESTIONNAIRE**

This questionnaire covers technical information, which *shall* be provided for evaluation of the configuration(s) of the vehicle(s) offered.

Where the specification paragraphs below indicate “Proof of Compliance”, the “Proof of Compliance” *shall* be provided for each performance requirement/specification.

Bidders should indicate the requested information and indicate the document name/title and page number where the Proof of Compliance can be found.

Definitions for *Equivalent* and *Proof of Compliance* are found in the DEFINITIONS section at the end of this document.

#### **CONTRACTOR INFORMATION**

**Contractor Name** \_\_\_\_\_

**Proposal Date** \_\_\_\_\_

**Canada** – DAPVS 3  
of the Chief of the Defence Staff  
Publiée avec l'autorisation du Chef d'état-major de la Défense

**Substitutes/Alternatives**

Are any equipment substitutes/alternatives offered as *Equivalent*? YES  NO

If yes, please identify all equipment substitutes/alternatives offered as *Equivalents* below:

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Make: \_\_\_\_\_, Model: \_\_\_\_\_

**3.5 Payload – Proof of Compliance**

The payload of the trailer is: \_\_\_\_\_ kg.

The empty weight of the trailer is: \_\_\_\_\_ kg.

Payload information can be found in document(s): \_\_\_\_\_, page: \_\_\_\_\_.

**3.6 Dimensions – Proof of Compliance**

<u>Clause</u>	<u>Description</u>	<u>Value</u>	<u>Document Name/Title</u>	<u>Page</u>
3.6.2 (a)	Trailer exterior Length less drawbar			
3.6.2 (b)	Trailer exterior width			
3.6.2 (c)	Interior height			
3.6.2 (d)	Height of Trailer floor			
3.6.2 (e)	Height of drawbar			
3.6.2 (f)	Trailer Height			

**3.9 Brakes – Proof of Compliance**

(a) Manual mechanical Parking brake system configuration can be found in document(s):  
page: \_\_\_\_\_.



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**3.9.c Suspension – Proof of Compliance**

Suspension configuration can be found in document(s): \_\_\_\_\_ page: \_\_\_\_\_.

**Axles – Proof of Compliance**

Axle capacity is: \_\_\_\_\_,

And can be found in document(s): \_\_\_\_\_ page: \_\_\_\_\_.

**3.9.d Trailer Construction – Proof of Compliance**

Main frame material and construction can be found in document(s): \_\_\_\_\_ page: \_\_\_\_\_.

**3.11 Generator Unit – Proof of Compliance**

make: \_\_\_\_\_ model: \_\_\_\_\_.

Generator information can be found in document(s): \_\_\_\_\_ page:

**3.20.a Heating Unit – Proof of Compliance**

make: \_\_\_\_\_ model: \_\_\_\_\_.

Heater Unit can be found in document(s): \_\_\_\_\_ page: \_\_\_\_\_.

## **DEFINITIONS**

*The following definitions apply to the interpretation of this Technical Information Questionnaire:*

- a) “Equivalent” - A standard, means, or component type, which has been accepted by the Technical Authority as meeting the specified requirements for form, fit, function and performance.
- b) “Proof of Compliance” is defined as an unaltered document, such as;
  - a brochure; and/or
  - technical literature; and/or
  - a third party test report provided by a nationally and/or internationally recognized testing facility; and/or
  - a report generated by a nationally and/or internationally recognized third party software.

The document **shall** provide detailed information on each performance requirement and/or specification. Where a document submitted as Proof of Compliance does not cover all the performance requirements and/or specifications or when no such document is available or when modifications to the original equipment or customization are required to achieve the performance requirements and/or specifications, a Certificate of Attestation (as a separate document) signed by a senior engineer representing the Original Equipment Manufacturer (OEM) detailing the modifications and how they meet the performance requirements and/or specifications **shall** be provided. The certificate **shall** detail all performance requirements and/or specifications required to substantiate compliance. One certificate can be provided for one or all performance requirements and/or specifications.

Item	NSN Number	Load List Items --- ANNEX "C"; April 2014	Unit of Issue	QTY	Specify PN Offred	Specify NSCM Offered
1	1670-21-819-8932	TIE DOWN,CARGO,AIRCRAFT, MATERIAL AND LOCATION POLYAMIDE NYLON WEBBING COMPONENT LENGTH 10,000 FEET NOMINAL WEBBING, COMPONENT WIDTH 1.750 INCHES NOMINAL WEBBING, TIGHTENING DEVICE RATCHET W/INTEGRAL HOOKS, DWG # 8040140-1 ,Acklands 41842-11	EA	5		
2	4020-21-885-3302	ROPE,FIBROUS, MATERIAL AND LOCATION PLASTIC, POLYPROPYLENE OVERALL STRAND QUANTITY 3, BREAKING STRENGTH 660.0 DECANEWTONS MINIMUM FABRICATION METHOD TWISTED COLOR YELLOW OVERALL DIAMETER 8.0 MILLIMETERS NOMINAL LENGTH PER TEN TURNS 300.0 MILLIMETERS MAXIMUM ISSUE FORM COIL LENGTH 370.0 METERS MINIMUM LENGTH 407.0 METERS MAXIMUM SUPPLEMENTARY FEATURES 27 KTEX NOMINAL LINEAR DENSITY, CANADIAN GENERAL STANDARDS BOARD PUBLIC WORKS & GOVERNMENT SERVICES CANADA CAN/CGSB-40.13-95	MR	1		
3	4041-21-900-4111	FAN,TUBEAXIAL HEIGHT 14.5 INCHES NOMINAL,DRIVE TYPE DIRECT, PRIME MOVER TYPE ELECTRIC MOTOR, SPEED ADJUSTMENTS SINGLE SPEED, INCLOSURE TYPE GUARDED, ELECTRICAL CONNECTION TYPE CORD W/ATTACHED PLUG, PRIME MOVER POWER RATING 0.25 HORSEPOWER, VOLTAGE IN VOLTS AND CURRENT TYPE 115.0 AC, PHASE SINGLE, FREQUENCY IN HERTZ 60.0, AIR FLOW RATE 1124.0 CUBIC FEET PER MINUTE NOMINAL, SPECIAL FEATURES WEIGHT 19.0 POUNDS;13.000 INCHES WIDE;14.500 INCHES LONG, VALLEN 1325D, T. A. PELSUE COMPANY 1325A.	EA	1		
4	4230-21-904-2007	HAZARDOUS SPILL,CLEANUP KIT, ITEM DESCRIPTION, C/O 46.0 GAL 16 GAUGE DRUM 1; CLOSING RINGS 2; GLOVES 1 PAIR; PROTECTIVE SUIT 1; PROTECTIVE GOGGLES 1; DRAIN STOPPER 1; CONTAINMENT BOOM 1; MATASORB PADS 25; MATASORB BLANKET 1; POLYETHYLENE BAGS 2, CAN-ROSS ENVIRONMENTAL SERVICES LTD CR-100, ITW 48440	KT	2		
5	4240-00-498-5342	HARNES.SAFETY,W/WRIS, TWO SOFT PLIABLE LEATHER WRISTLETS W/DOUBLE-BUCKLE STRAPS; FOUR SLIDING CLOTHING CLIPS WHICH KEEP THE ASSEMBLY OUT OF THE WAY WHILE WORKING; 25 FT OF 9/16 IN. NYLON ROPE PERMANENTLY SPLICED TO ONE D-RING, MSA CANADA INC 13-85267, MINE SAFETY APPLIANCES COMPANY 85267, MSA CANADA INC 210119	EA	2		
6	4240-01-022-8501	RESPIRATOR,AIR FILTERING, FILTER TYPE CARTRIDGE AND FILTER PAD MASK FILTER QUANTITY 2, FILTER REPLACEABILITY REPLACEABLE, EXHAUST VALVE INCLUDED, MASK TYPE HALF FACEPIECE MASK MATERIAL RUBBER, HEAD HARNESS INCLUDED, STRAP TYPE DOUBLE, MATERIAL TYPE ELASTIC ADJUSTABILITY ADJUSTABLE, SPECIAL FEATURES SOLE SOURCE REQUIRED BY STATUE 6.302; MEDIUM; BLACK; W/O FILTERS OR CARTRIDGES	EA	2		
7	4240-01-206-1077	CARTRIDGE,RESPIRATOR,AIR FILTERING, DUST AND MIST AND ORGANIC VAPORS,CHLORINE,HYDROGEN CHLORIDE,SULFUR DIOXIDE,FUMES AND RADIONUCLIDES, SPECIAL FEATURES, SOLE SOURCE REQUIRED BY STATUTE 6.302; NIOSH APPROVAL NO. TC-23C-153; TYPE GMC-H COMBINATION FILTER/CARTRIDGES, MINE SAFETY APPLIANCES COMPANY 464027 and 815180	EA	2		

Item	NSN Number	Load List Items --- ANNEX "C"; April 2014	Unit of Issue	QTY	Specify PN Offered	Specify NSCM Offered
8	4240-21-843-3685	GOGGLES, INDUSTRIAL, FRAME MATERIAL PLASTIC, VINYL, LENS MATERIAL PLASTIC, POLYCARBONATE, LENS COLOR CLEAR, CARRYING CASE NOT PROVIDED, SPECIAL FEATURES CHEMICAL SPLASH USE, LAMINATION FEATURE NOT LAMINATED, FRAME COLOR CLEAR, EYE CUP NOT INCLUDED, OVER OTHER SPECTACLES USAGE DESIGN INCLUDED, APERTURE ELEMENT TYPE LENS, INDIVIDUAL APERTURE LENS QUANTITY 1, MSA CANADA INC 03-791064 and 791079	EA	6		
9	4240-21-877-2381	CYLINDER, COMPRESSED GAS, CYLINDER STYLE DESIGNATOR 1 BOTTLE TYPE, MAXIMUM OPERATING PRESSURE 2215.0 POUNDS PER SQUARE INCH, SPECIFIC GAS FOR WHICH DESIGNED AIR, CAPACITY RATING 45.0 CUBIC FEET NOMINAL NECK THREAD LOCATION EXTERNAL, SPECIAL FEATURES CW VALVE AND GAUGE ASSY, LIGHT WEIGHT MATL, U/W SELF-CONTAINED BREATHING APPARATUS, MSA CANADA INC 801279	EA	6		
10	4240-21-891-1165	RESPIRATOR, AIR FILTERING, FILTER TYPE CARTRIDGE, FILTER TYPE FILTER PAD, MASK FILTER QUANTITY 2, MASK FILTER QUANTITY 2, FILTER REPLACEABLE, EXHAUST VALVE INCLUDED, MASK TYPE HALF FACEPIECE, MASK MATERIAL RUBBER, MASK MATERIAL ALUMINUM, HEAD HARNESS STRAP TYPE DOUBLE, MATERIAL TYPE ELASTIC, ADJUSTABILITY ADJUSTABLE, SPECIAL FEATURES SIZE SMALL, BLACK, 4 POINT ADJUSTABLE, MSA CANADA INC 808057 and 465825	EA	2		
11	4240-21-891-1168	RESPIRATOR, AIR FILTERING, FILTER TYPE CARTRIDGE, FILTER TYPE FILTER PAD, MASK FILTER QUANTITY 2, MASK FILTER QUANTITY 2, FILTER REPLACEABLE, EXHAUST VALVE INCLUDED, MASK TYPE HALF FACEPIECE, MASK MATERIAL RUBBER, MASK MATERIAL ALUMINUM, HEAD HARNESS INCLUDED, STRAP TYPE DOUBLE, MATERIAL TYPE ELASTIC, ADJUSTABILITY ADJUSTABLE, SPECIAL FEATURES SIZE LARGE, BLACK, 4 POINT ADJUSTABLE, MSA CANADA INC 808061	EA	2		
12	4220-21-920-9328	SELF-CONTAINED BREATHING APPARATUS, CUSTOM 4500 MMR SCBA; CW MASK MOUNTED REGULATOR; AUDIALARM LOW PRESSURE WARNING DEVICE; REDUNDANT LOW PRESSURE WARNING DEVICE AND VULCAN CARRIER AND HARNESS ASSEMBLY; DOUBLE WAIST PULL, MSA CANADA INC 220243	EA	4		

Item	NSN Number	Load List Items --- ANNEX "C"; April 2014	Unit of Issue	QTY	Specify PN Offred	Specify NSCM Offered
13	4310-21-109-2052	COMPRESSOR UNIT,RECIPROCATING, COMPRESSOR QUANTITY 1, GAS FOR WHICH DESIGNED AIR, DISCHARGE FLOW RATE 1.7 CUBIC FEET PER MINUTE, DISCHARGE PRESSURE 150.0 POUNDS PER SQUARE INCH GAGE COOLING SYSTEM DESIGN SINGLE, COMPRESSOR COOLING MEDIUM AIR, PRIME MOVER COOLING MEDIUM AIR, UNLOADER TYPE AUTOMATIC, MOUNTING TYPE HORIZONTAL TANK, RECIPROCATING COMPRESSOR DESIGN SINGLE ACTING, CYLINDER QUANTITY 2, STAGE QUANTITY 1, PRIME MOVER TYPE ELECTRIC MOTOR, VOLTAGE IN VOLTS AND CURRENT TYPE 110.0 AC, VOLTAGE IN VOLTS AND CURRENT TYPE 220.0 AC, FREQUENCY IN HERTZ 60.0, PHASE SINGLE, CURRENT TYPE AND RATING IN AMPS 9.8 AC, CURRENT TYPE AND RATING IN AMPS 4.9 AC, RECEIVER TANK CAPACITY 3.5 CUBIC FEET, CONTROL DEVICE TYPE AUTOMATIC START-STOP SILENCER TYPE INLET, SPECIAL FEATURES BELT GUARD,AUTOMATIC TANK DRAIN COMBINATION FILTER AND SILENCER, ATLANTIC COMPRESSED AIR LTD 261H20, COOPER INDUSTRIES INC DBA COOPER TOOLS B101B	EA	1		
14	4320-21-903-1959	PUMP,INFLATING,MANUAL, OPERATION METHOD HAND, ACTION TYPE SINGLE, CYLINDER QUANTITY 1, CHERNE INDUSTRIES INC. 273-007 Westburne 273945	EA	1		
15	4630-01-270-6662	LIFT LINE AND HOSE, WESTBURNE 261084	EA	1		
16	4630-01-287-3160	MAT SEALING, GENERAL CHARACTERISTICS ITEM DESCRIPTION 1/2 IN. THK; 36.000 IN. LG BY 36.000 IN. WIDE; CUSTOM FORMULATED CORE ELASTOMER, ITW 48485	EA	4		
17	7220-01-283-0774	RUG, CUSTOM ENVIRONMENTAL SERVICES LTD CHEMSTOP, ITW 48495	EA	4		
18	4940-01-165-3558	REPAIR KIT,HAZARDOUS, GENERAL CHARACTERISTICS ITEM DESCRIPTION, PATCH OR PLUG THAT WILL FIT ANY KIND OF HOLE, UP TO A MAX. OF 5X9 IN.;INCLUDES SCREW PATCHES,TIRE PLUGGING KIT,LEAD WOOL,"T" PATCHES,WOOD WEDGE AND FELT KIT,LADDER PATCH AND WRAP CHAINS,AND BASIC TOOLS TO WORK WITH, EDWARDS & CROMWELL MANUFACTURING INC KIT_A	EA	1		
19	4720-21-899-7089	HOSE,AIR DUCT, SCUFF STRIP IS SPIRAL BLACK NYLON, T. A. PELSUE COMPANY DBA PELSUE CO 2015HD, VALLEN 201HRT	EA	2		
20	4730-01-270-6583	PLUG,HOSE 10 in., WESTBURNE 041394	EA	1		
21	4730-01-270-6584	PLUG,HOSE 12-18 in., WESTBURNE 275123	EA	1		
22	4730-01-270-6585	PLUG,HOSE 12 in., WESTBURNE 041408	EA	1		
23	4730-01-276-9019	PLUG,INFLATABLE, FOR PIPE DIA 6.0 IN.; DEFLATED PLUG SIZE 5.50 IN. DIA X 8.50 IN. LENGTH, WESTBURNE 270067	EA	1		
24	4730-01-276-9020	PLUG,INFLATABLE, FOR PIPE DIA 8.0 IN.; DEFLATED PLUG SIZE 6.50 IN. DIA X 9.00 IN. LENGTH, WESTBURNE 041386				

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25	5110-21-893-1533	COMPOUND LEVER, CENTER CUTTER, 0.438 INCHES MAXIMUM SOFT WIRE ROPE CAPACITY, 0.312 INCHES MAXIMUM HARD WIRE ROPE CAPACITY; 26.250 INCHES OVERALL LENGTH; WITH FIBERGLASS HANDLES AND GROPING HOOK TO GUIDE WIRE INTO JAW OPENING; DESIGNED FOR FIREMAN, COOPER INDUSTRIES INC, H K PORTER/COOPER TOOLS DIV 0190FFC, CAVERHILL LEAR 0390FC	EA	1		
26	5110-21-849-7192	CUTTER,BOLT, HEAD TYPE RIGID, CUT TYPE CENTER CUT, SHARP EDGE, MATERIAL, ACCOMMODATED DIAMETER 0.3125 INCHES NOMINAL, INSULATED HANDLE NOT PROVIDED, OVERALL LENGTH 18.000 INCHES NOMINAL, RIDGE TOOL COMPANY 18KC, ACKLANDS RCR BC918F	EA	1		
27	5110-21-903-3305	AX,SINGLE BIT, HANDLE LENGTH 14.0 INCHES NOMINAL, OTO MELARA SPA 13-006A03, GARANT DIV. U.S.I. CANADA INC HUN 12514, ACKLANDS ELG D90106	EA	1		
28	5120-00-243-2957	HAMMER,HAND, STYLE DESIGNATOR SLEDGE, BLACKSMITH'S DOUBLE-FACED, HEAD WEIGHT 10.000 POUNDS HANDLE MATERIAL WOOD, HANDLE LENGTH 35.000 INCHES NOMINAL, SPECIAL FEATURES HICKORY HANDLE SPECIFICATION/STANDARD DATA 05047-ASME B107.54 PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD, STANLEY WORKS THE 850-10LB, T & E TOOLS PTY LTD 7069, ACKLANDS ELG D40502L	EA	1		
29	5120-00-293-1108	WISE AND STAND,PIPE, CHAIN TYPE WISE WITH 1/4 TO 4 IN. PIPE CAPACITY; FOLDING TRI-STAND WITH INTEGRAL PIPE BENDER; ALUMINIUM ALLOY BASE AND LEGS, ACKLANDS RDG 40160, EMCO LTD 34-172, RIDGE TOOL COMPANY 45,	EA	1		
30	5120-21-104-9300	SHOVEL HAND, HANDLE TYPE D-STYLE, BLADE LENGTH 14.625 INCHES NOMINAL, BLADE WIDTH 11.812 INCHES NOMINAL BLADE CONSTRUCTION TYPE SMOOTH BACK, ALUMINIUM BLADE; 50,000 IN. NOM LG O/A, ACKLANDS Gar GA115DS, GARANT DIV. U.S.I. CANADA INC. GA115D	EA	6		
31	5120-21-105-3268	WISE MACHINIST'S, JAW NOMINAL OPENING 6.0 INCHES, MATERIAL STEEL, BASE TYPE STATIONARY SWIVEL BACK JAW NOT PROVIDED, JAW NOMINAL WIDTH 4.0 INCHES, SPECIAL FEATURES REPLACEABLE JAW FACES, CGSB 39-GP-54, TYPE 5, CLASS 1, STYLE A EXCEPT JAW OPENING MAY BE 5.500 IN.	EA	1		
32	5120-01-343-0975	WRENCH,PIPE, OVERALL LENGTH 48.000 INCHES NOMINAL, WRENCHING SURFACE SIZE SINGLE END 6.000 INCHES MAXIMUM WRENCHING SURFACE SHAPE SINGLE END INTERNAL RECTANGULAR, MATERIAL HANDLE ALUMINIUM STYLE DESIGNATOR 131 STRAIGHT JAW, ACKLANDS RDG 31115, RIDGE TOOL COMPANY 31115, GRAY FORGINGS AND STAMPINGS LTD NSP48A	EA	1		
33	5120-21-108-8418	JACK, HYDRAULIC, HAND, LOAD CAPACITY 3.0 TONS, UNIT TYPE SELF-CONTAINED, RETRACTED HEIGHT 9.25 INCHES NOMINAL, EXTENDED HEIGHT 15.0 INCHES NOMINAL, PUMP TYPE SINGLE, SPECIAL FEATURES W/SCREW EXT.FED GGG-J-63 TYPE 1, CLASS 2, STYLE A, SIZE 3-6, ACKLANDS WSW J4 Jack, HEIN WERNER CORP C39 and E3-9A	EA	1		
34	5120-21-639-1722	WRENCH PIPE, MATERIAL OVERALL STEEL, OVERALL LENGTH 24.0 INCHES NOMINAL, WRENCHING SURFACE SIZE SINGLE END 2.5 INCHES MAXIMUM, WRENCHING SURFACE SHAPE SINGLE END INTERNAL OVAL, SPECIAL FEATURES JAW CAPACITY IS IPS, SPECIFICATION/STANDARD DATA 35068-39GP48 GOVERNMENT STANDARD, GRAY FORGINGS AND STAMPINGS LTD NSP24, ACKLANDS RDG 41662	EA	1		

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35	5120-21-639-1723	WRENCH,PIPE, MATERIAL OVERALL STEEL,OVERALL LENGTH 36.0 INCHES NOMINAL, WRENCHING SURFACE SIZE SINGLE END 3.5 INCHES MAXIMUM, WRENCHING SURFACE SHAPE SINGLE END INTERNAL OVAL, SPECIAL FEATURES JAW CAPACITY IS IPS, SPECIFICATION/STANDARD DATA 35068-39GP48 GOVERNMENT STANDARD, ACKLANDS RDG 31005	EA	1		
36	5120-21-639-1724	WRENCH,PIPE, MATERIAL OVERALL STEEL,OVERALL LENGTH48.0 INCHES NOMINAL, WRENCHING SURFACE SIZE SINGLE END 5.000 INCHES MAXIMUM, WRENCHING SURFACE SHAPE SINGLE END INTERNAL OVAL, SPECIAL FEATURES JAW CAPACITY IS IPS, SPECIFICATION/STANDARD DATA 35068-39GP48 GOVERNMENT STANDARD, ACKLANDS RDG 31040	EA	1		
37	5120-21-639-3316	SHOVEL HAND, HANDLE LENGTH 50.0 INCHES, SIZE DESIGNATOR COMMERCIAL NO. 2, BLADE LENGTH 290.0 MILLIMETERS MINIMUM, BLADE LENGTH 320.0 MILLIMETERS MAXIMUM, BLADE CONSTRUCTION TYPE SMOOTH BACK, BLADE WIDTH 215.0 MILLIMETERS MINIMUM, BLADE WIDTH 245.0 MILLIMETERS MAXIMUM SPECIAL FEATURES HANDLE 1165.0 MM TO 1270.0 MM MAX LONG,TYPE 1,CLASS B, SPECIFICATION/STANDARD DATA 35068-39GP4M GOVERNMENT STANDARD, ACKLANDS TRU BLR, ELGIN HANDLES LTD E800, GARANT DIV. U.S.I. CANADA INC. GLR2	EA	4		
38	5120-21-639-5887	BAR,WRECKING, OVERALL LENGTH 24.0 INCHES NOMINAL, WIDTH ACROSS FLATS 0.75 INCHES NOMINAL, SPECIAL FEATURES HEX OR OCTAGON STOCK;GOOSE NECK CLAW / ONE END,OFFSET PINCH POINT OTHER END SPECIFICATION/STANDARD DATA 35068-39GP45 GOVERNMENT STANDARD, ACKLANDS ELG D124	EA	1		
39	5120-21-639-5893	BAR,WRECKING, OVERALL LENGTH 36.0 INCHES NOMINAL, WIDTH ACROSS FLATS 0.75 INCHES NOMINAL, SPECIAL FEATURES HEX OR OCTAGON STOCK;STRAIGHT OFFSET CLAW ONE END,OFFSET PINCH POINT OTHER END SPECIFICATION/STANDARD DATA 35068-39GP45 GOVERNMENT STANDARD, ACKLANDS ELG D136,	EA	1		
40	5120-21-639-5898	BAR,WRECKING, OVERALL LENGTH 48.0 INCHES NOMINAL, WIDTH ACROSS FLATS 1.25 INCHES NOMINAL, SPECIAL FEATURES HEX OR OCTAGON STOCK;STRAIGHT OFFSET CLAW END,OFFSET PINCH POINT OTHER END SPECIFICATION/STANDARD DATA 35068-39GP45 GOVERNMENT STANDARD, ACKLANDS W005800,	EA	1		
41	5120-21-801-0484	HAMMER,HAND, STYLE DESIGNATOR 8 SLEDGE, BLACKSMITH'S DOUBLE-FACED, HEAD WEIGHT 4.0 POUNDS SPECIFICATION/STANDARD DATA 35068-39GP2 GOVERNMENT STANDARD, ACKLANDS BC918F, BNT/WILL TOOLS 1792, STANLEY WORKS THE 850, VICTRIX TECHNOLOGIES INC 86207-63,	EA	1		
42	5120-21-901-6765	JACK,HYDRAULIC,HAND, EXTENDED HEIGHT 16.625 INCHES MAXIMUM, RETRACTED HEIGHT 8.562 INCHES MINIMUM, UNIT TYPE SELF-CONTAINED, LOAD CAPACITY 6.0 TONS PUMP TYPE SINGLE, SCREW EXTENSION HEIGHT 2.75 INCHES NOMINAL, ACKLANDS WSW J6 CANADIAN TIRE CORPORATION LIMITED 09-1006-4, STRONGARM INC. 306A or C3,	EA	1		
43	5120-21-853-7379	RAKE,ASPHALT, OVERALL WIDTH 16.500 INCHES NOMINAL, SPECIAL FEATURES FOURTEEN TEETH, ACKLANDS TRU 1014L, GARANT DIV. U.S.I. CANADA INC. GAR-14,	EA	6		

Item	NSN Number	Load List Items --- ANNEX "C"; April 2014	Unit of Issue	QTY	Specify PN Offered	Specify NSCM Offered
44	5120-21-859-1720	WRENCH,PIPE, MATERIAL HANDLE ALUMINIUM ALLOY, MATERIAL WRENCHING SURFACE STEEL OVERALL LENGTH 14.000 INCHES NOMINAL, WRENCHING SURFACE SIZE SINGLE END 1.5 INCHES MAXIMUM WRENCHING SURFACE SHAPE SINGLE END INTERNAL OVAL, FEATURES PROVIDED REPLACEABLE WRENCHING FEATURE SPECIAL FEATURES REPLACEABLE STEEL JAWS, SPECIFICATION/STANDARD DATA 35068-39GP48 GOVERNMENT STANDARD, ACKLANDS RDG 41652.	EA	1		
45	5120-21-859-1721	WRENCH,PIPE, MATERIAL HANDLE ALUMINIUM ALLOY, MATERIAL WRENCHING SURFACE STEEL, OVERALL LENGTH 18.000 INCHES NOMINAL, WRENCHING SURFACE SIZE SINGLE END 2.0 INCHES MAXIMUM WRENCHING SURFACE SHAPE SINGLE END INTERNAL OVAL, FEATURES PROVIDED REPLACEABLE WRENCHING FEATURE SPECIAL FEATURES REPLACEABLE STEEL JAWS, SPECIFICATION/STANDARD DATA 35068-39GP48 GOVERNMENT STANDARD, ACKLANDS RDG 41657	EA	1		
46	5210-21-865-0539	TAPE,MEASURING, MATERIAL FIBER, SYNTHETIC, WOVEN, DESIGN TYPE GENERAL PURPOSE DISTANCE MEASURING, STANDARD GRADUATION UNIT INCHES AND FEET, MEASURING CAPACITY 50.000 FEET, TAPE SMALLEST GRADUATION UNIT 1/8 INCH, READING DIRECTION LEFT TO RIGHT, WIDTH 0.625 INCHES NOMINAL, INCLOSURE TYPE CASE, END TYPE NONBUTT, WINDING METHOD HAND CRANK, PLUMB BOB NOT INCLUDED, NATIONAL BUREAU OF STANDARDS CERTIFICATION NOT PROVIDED, SPECIAL FEATURES BLACK GRADUATIONS;RED FOOT MARKS;VINYL COVERED CASE;DOUBLE ROLLER THROAT SPECIFICATION/STANDARD DATA 35068-39-GP-22 GOVERNMENT STANDARD, ACKLANDS STT 34-885	EA	1		
47	5440-21-845-6131	LADDER,EXTENSION, MATERIAL LIGHT ALLOY, SURFACE TREATMENT NATURAL LENGTH 20.0 FEET NOMINAL, CROSSPIECE TYPE RUNG, CROSSPIECE SURFACE TYPE NONSLIP, SAFETY FEET INCLUDED SAFETY FEET TYPE PRONG FOOT PLATE W/SWIVEL RUBBER SHOE MOBILITY FEATURE NOT INCLUDED, END CAPS INCLUDED, ROOF HOOKS NOT INCLUDED, SECTION QUANTITY 2, SECTION SEPARATION FEATURE NOT INCLUDED, ROPE/PULLEY INCLUDED, SAFETY LOCK INCLUDED SPECIFICATION/STANDARD DATA 35907-D667A GOVERNMENT SPECIFICATION, LEVITT BL3720-2	EA	1		
48	5830-21-040-9384	LOUDSPEAKER-MICROPHONE, MEGAPHONE;POWER SOURCE:18.0 VOLTS DC(12 C BATTERIES), CONE TYPE TRANSDUCER;OUTDOOR USAGE;PORTABLE;PISTOL HANDGRIP, TRIGGER TALK SWITCH,VOLUME CONTROL;MAGNETIC/DYNAMIC ELEMENT;14.000 INCHES WIDE;NILE GREEN BASE AND MOUTHPIECE,TULIP GREEN HANDLE, CABLEFORM S-168M	EA	1		
49	6150-21-844-7538	CABLE ASSEMBLY,POWER,ELECTRICAL, 3 CONDUCTORS,18.0 FEET LONG, ACKLANDS NMA UT405M	EA	3		
50	6150-21-863-5422	CABLE ASSEMBLY,POWER,ELECTRICAL, 3 CONDUCTORS,GROUNDED,10 METRES LONG,10 AMPERES,125 VOLTS, ACKLANDS NMA UT410M, CAMCO INC (HAMILTON) GE7325D	EA	3		

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51	6150-21-869-5157	CABLE ASSEMBLY,POWER,ELECTRICAL. 100 FEET LONG,ROUND,TERMINATED BOTH ENDS WITH LUG WITH HOLE 0.625 INCH DIAMETER,NSN 5940-21-798-0108,CABLE NSN 6145-21-302-1016,DYMO STANDARD VINYL TAPE (ORANGE,CATALOGUE NUMBER 158-4) 0.500 INCH WIDE,6.000 INCHES LONG,FOR CABLE IDENTIFICATION;9.000 INCHES LONG HEAT SHRINKABLE CLEAR TUBING OVER IDENTIFICATION HEAT SHRINKABLE TUBING;4.000 INCHES BLUE FOR CABLE MATCH IDENTIFICATION. ACKLANDS NMA UT-430M.	EA	1		
52	6230-01-388-5324	LANTERN,ELECTRIC, SHAPE TAPERED, MATERIAL BODY PLASTIC BATTERY TYPE AND QUANTITY REQUIRED 1 DRY, LIGHT BEAM MOTION FIXED. ALEXANDER BATTERY DFE, EVEREADY PRODUCTS CORP 101WB, DURACELL INC 351005 and L5960 FULTON INDUSTRIES, INC. 618B.	EA	1		
53	6230-21-844-8344	LANTERN,ELECTRIC, VOLTAGE RATING IN VOLTS 6.0 DC NOMINAL, MATERIAL BODY PLASTIC LAMP TYPE ACCOMMODATED AND QUANTITY 1 INCANDESCENT, MOUNTING METHOD PORTABLE LIGHT BEAM MOTION FIXED, SPECIAL FEATURES UNDERWATER TYPE;MAX OP DEPTH 450.0 FT.;W/INTEGRAL HANDLE;ACCOM SEALED BEAM LAMP;W/PUSH-BUTTON SWITCH;COLOR BLACK, SPECIFICATION/STANDARD DATA 25609-UL750 MANUFACTURERS SPECIFICATION. DACOR CANADA UL-750.	EA	2		
54	6230-00-269-3034	FLASHLIGHT, SHAPE STRAIGHT, OVERALL DIAMETER 2.250 INCHES MAXIMUM OVERALL LENGTH 9.375 INCHES MAXIMUM, VOLTAGE RATING IN VOLTS 3.0 DC NOMINAL, MATERIAL BODY PLASTIC ABS, MATERIAL FILTER PLASTIC MATERIAL LENS PLASTIC POLYCARBONATE, MATERIAL REFLECTOR PLASTIC MATERIAL DOCUMENT AND CLASSIFICATION BODY L-P-1183, TY VI FED SPEC SINGLE MATERIAL RESPONSE MATERIAL DOCUMENT AND CLASSIFICATION FILTER L-P-393 FED SPEC SINGLE MATERIAL RESPONSE MATERIAL DOCUMENT AND CLASSIFICATION LENS L-P-393 FED SPEC SINGLE MATERIAL RESPONSE MATERIAL DOCUMENT AND CLASSIFICATION REFLECTOR L-P-1183, TY VI FED SPEC SINGLE MATERIAL RESPONSE SURFACE TREATMENT REFLECTOR VACUUM PLATED OR ELECTRO PLATED LAMP TYPE ACCOMMODATED AND QUANTITY 1 INCANDESCENT LAMP BASE TYPE ACCOMMODATED SINGLE CONTACT MINIATURE FLANGED LENS TYPE AND QUANTITY 1 FLAT, ROUND, LENS SURFACE CONDITION BACK SMOOTH LENS SURFACE CONDITION FACE SMOOTH, LENS COLOR COLORLESS, LENS TRANSPARENCY TRANSPARENT, BATTERY TYPE AND QUANTITY REQUIRED 2 DRY, MOUNTING METHOD RING, TERMINAL TYPE AND QUANTITY 1 SPRING, COMPRESSION, LIGHT BEAM MOTION FIXED AND FLASHING HAZARDOUS LOCATIONS/ENVIRONMENTAL PROTECTION EXPLOSION PROOF NEC CL.I, GP, CD, CL.II, GP, EFG, CL.III AND WATERTIGHT FURNISHED ITEMS AND QUANTITY 2 LAMP, FEATURES PROVIDED REMOVABLE LIGHT FILTER AND REPLACEABLE BATTERY AND SWITCH SPECIAL FEATURES COMPARTMENT, STORAGE CONTAINS 1 DIFFUSED LENS, 1 BLACKOUT FILTER, 2 RED FILTERS AND 1 BLUE FILTER NONDEFINITIVE SPEC/STD DATA II TYPE AND 1 STYLE AND 2 CELL SZ LEVITT 1810, DURACELL INC FN35, FULTON INDUSTRIES, INC. N35-IB.	EA	3		

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55	6230-21-847-9478	LANTERN ELECTRIC, VOLTAGE RATING IN VOLTS 6.0 DC NOMINAL, MATERIAL CASE PLASTIC LAMP TYPE ACCOMMODATED AND QUANTITY 1 INCANDESCENT, LAMP BASE TYPE ACCOMMODATED TWO SCREW TERMINALS, LENS COLOR COLORLESS, BATTERY TYPE AND QUANTITY REQUIRED 4 DRY, MOUNTING METHOD PORTABLE, SPECIAL FEATURES PISTOL TYPE; ACCOM PAR-36, P/N 4546 SEALED BEAM LAMP; SPARKPROOF SLIDING SWITCH; WILANYARD; SHOCKPROOF; WATERPROOF; FLOATS BEAM UP; PISTOL HANDLE SPECIFICATION/STANDARD DATA 18560-ACR/L-6A MANUFACTURERS SPECIFICATION. JD WRIGHT 1810, ACR ELECTRONICS, INC. ACR/L-6A or IKELITE K, ACTIVE GEAR CO OF CANADA LTD IKELITE K.	EA	1		
56	6230-21-891-8049	FLOODLIGHT ELECTRIC, SHAPE RECTANGULAR, OVERALL DEPTH 7.0 INCHES NOMINAL OVERALL HEIGHT 13.0 INCHES NOMINAL, OVERALL WIDTH 12.0 INCHES NOMINAL VOLTAGE RATING IN VOLTS 115.0 AC NOMINAL, MATERIAL BODY ALUMINUM LAMP TYPE ACCOMMODATED AND QUANTITY 1 INCANDESCENT LAMP BASE TYPE ACCOMMODATED RECESSED SINGLE CONTACT LENS TYPE AND QUANTITY 1 RECTANGULAR, LENS SURFACE CONDITION BACK SMOOTH, LENS SURFACE CONDITION FACE SMOOTH LENS COLOR COLORLESS, LENS TRANSPARENCY TRANSPARENT MOUNTING METHOD UNTHREADED HOLE, WIRING PROVISION METHOD CABLE ASSEMBLY, WIRING PROVISION LENGTH 48.0 INCHES NOMINAL LIGHT BEAM MOTION FIXED, LIGHT ADJUSTMENT METHOD SWIVEL JOINT LAMP PROTECTION DEVICE CLOSED END WIRE GUARD SPECIFICATION/STANDARD DATA 53494-2186-1 MANUFACTURERS SPECIFICATION LIND EQUIPMENT LE862, SPECIALTY LIGHTING INC DIV SPECIALTY LIGHTING 2186-1	EA	4		
57	6545-21-113-0912	EYE WASH STATION, NSN: 6545-21-113-0912 EYE WASH STATION. NON-CORROSIVE PANEL W/FOUR WALL MOUNTING SCREW HOLES; CONTAINS: ONE 500ML PLASTIC BOTTLE W/EYE CUP, DRAIN TUBE, AIR VALVE, CUP LID; COMPLETE INSTRUCTION PRINTED ON PANEL. SAFETY SUPPLY CANADA 032Y823, BEL-ART PRODUCTS INC F24865, SUPERIOR ? ACKLANDS 10e316-161	EA	2		
58	6665-21-914-1284	DETECTOR KIT, GAS, C/W BILINGUAL DISPLAY AND BILINGUAL MANUALS; WITHOUT CALIBRATION GAS BOTTLE LEVITT-SAFETY LTD IV540230102PCXX or PHD ULTRA	KT	1		
59	6720-20-AOL-0529	Camera, digital, Fujifilm Finepix S4800, 16 Mega Pixel	EA	1		
60	6850-21-106-6834	WATER INDICATING PASTE, QUANTITY WITHIN EACH UNIT PACKAGE 3.0 TUBES SPECIAL FEATURES UNIT PACKAGES: 1, AMOUNT MAY VARY FROM 2.0 OUNCES TO 4.0 OUNCES LIND EQUIPMENT KULOR KUT WATER, KOLOR-KUT PRODUCTS CO WATER FINDING PASTE, MIL-W-83779	EA	2		
61	6850-01-342-0945	GASOLINE INDICATING PASTE, KOLOR-KUT PRODUCTS CO GAS AND OIL GAUGING PASTE KULOR KUT GASO	EA	2		

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62	7240-21-849-7146	SAFETY CAN, MATERIAL STEEL, SPOUT TYPE FLEXIBLE, GATE VALVE NOT INCLUDED, CAPACITY 5.0 GALLONS, SPOUT OPENING DIAMETER 1.0 INCHES NOMINAL, SPOUT GASKET INCLUDED COLOR RED, SPECIAL FEATURES FLAME ARRESTER;SPRING OPERATED LEAK PROOF SPOUT SEAL;POSITIVE CONTROL DISPENSING VALVE VALEN 10821, PROTECTOSEAL CO CONTAINER DIV 249AF8, SAFETY SUPPLY CANADA 607A233 EAGLE MFG CO U2-51-S, BELCO SAFETY PRODUCTS LTD WB206	EA	1		
63	7920-21-554-0025	BROOM,PUSH, BRUSH MATERIAL EXPOSED LENGTH 100.0 MILLIMETERS MINIMUM BRUSH MATERIAL EXPOSED LENGTH 110.0 MILLIMETERS MAXIMUM ACKLANDS ATG 7314, 22GP15	EA	6		
64	7920-21-554-2301	RAG,WIPING, MATERIAL COTTON, PREPARATION TYPE BLEACHED PREPARATION TYPE UNBLEACHED, COLOR ANY ACCEPTABLE, USAGE DESIGN GENERAL SPECIFICATION/STANDARD DATA 35068-35-GP-1 PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION ACKLANDS WPR50, CANADIAN GENERAL STANDARDS BOARD PUBLIC WORKS & GOVERNMENT SERVICES CANADA 36GP1	EA	1		
65	7920-01-408-1284	ABSORBENT MATERIAL,SPILL CLEANUP, UNIT PACKAGE QUANTITY 2, UNIT PACKAGE TYPE PACKAGE PIGMALION CUST 32X21X3, ABSORPTION CORP.DIV INDUSTRIAL API-150,	EA	4		
66	7920-01-408-6882	ABSORBENT MATERIAL, SPILL CLEANUP, UNIT PACKAGE QUANTITY 18, UNIT PACKAGE TYPE CARTON ITW 48320, ABSORPTION CORP. DIV INDUSTRIAL KYS-718,	EA	2		
67	7920-01-408-6883	ABSORBENT MATERIAL, SPILL CLEANUP, SPECIAL FEATURES 17,000 IN LG BY 17,000 IN WD PIGMALION AWP16X, ABSORPTION CORP DIV INDUSTRIAL API-130	EA	2		
68	7920-01-408-1283	ABSORBENT MATERIAL, SPILL CLEANUP, PHYSICAL FORM PILLOW, SPECIAL FEATURES ALL PURPOSE, 8 IN LG X 17 IN WD BIG O GL-18093, ABSORPTION CORP. DIV INDUSTRIAL API-140	EA	2		
69	7920-01-408-1288	ABSORBENT MATERIAL,SPILL CLEANUP, PHYSICAL FORM BOOM BIG O OB-5MS, ABSORPTION CORP. DIV INDUSTRIAL PBW-2202	EA	2		
70	7920-01-408-1281	ABSORBENT MATERIAL, SPILL CLEANUP, PHYSICAL FORM BOOM PIGMALION SW-120, ABSORPTION CORP. DIV INDUSTRIAL PBI-1102	EA	2		
71	7920-01-408-1280	ABSORBENT MATERIAL, SPILL CLEANUP, PHYSICAL FORM BOOM PIGMALION SW-240, ABSORPTION CORP. DIV INDUSTRIAL PBI-2206	EA	2		

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72	7920-01-408-1277	ABSORBENT MATERIAL, SPILL CLEANUP, SPECIAL FEATURES WILL ABSORB APPROXIMATELY 150 LBS OF LIQUID. PIGMALION RP CUSTOM, ABSORPTION CORP. DIV INDUSTRIAL EM-K	EA	2		
73	7920-01-408-1282	ABSORBENT MATERIAL, SPILL CLEANUP, 45.0 POUNDS. ABSORPTION CORP. DIV INDUSTRIAL KYS-700 BIG O OB-100	EA	2		
74	7930-21-898-1838	ABSORBENT MATERIAL, OIL AND WATER, 3M CANADA INC 100, PIGMALION OS150	EA	1		
75	Commercial	Absorbent (bag), PIGMALION SAC 20	EA	10		
76	7930-21-896-6115	Multi agent spill kit, LEVITT BEPS 100	EA	1		
77	7930-21-896-6118	KIT, SPILL CLEANUP, ACID, C/O: SIX 1.93KG (4.25LB) CARTONS NEUTRALIZER, 5 PLASTIC DISPOSAL BAGS AND TIES, 1 PAIR GLOVES, 1 SPONGE, 2 SCOOPS, COMPLETE INSTRUCTIONS; KIT DIM. 31.0 CM LG, INSTRUCTIONS; MINIMUM ABSORPTION AND NEUTRALIZATION CAPACITIES 0.47L OF MINERAL ACIDS; KIT DIM. 40.0CM L, 30.0CM W, 30.0CM H LEVITT BEPS 101	KT	3		
78	7930-21-896-6119	KIT, SPILL CLEANUP, CAUSTIC, C/O: ONE 4KG (8.8LB) CARTON NEUTRALIZER, THREE 400GM (0.9LB) CARTONS ABSORBENT, 5 PLASTIC DISPOSABLE BAGS AND TIES, 1 PAIR SAFETY GOGGLES, 1 PAIR GLOVES, 1 SPONGE, 2 SCOOPS, COMPLETE INSTRUCTIONS; COLOR CHANGE INDICATOR OF NEUTRALIZATION; MINIMUM ABSORPTION CAPACITY 0.9L; MINIMUM NEUTRALIZATION CAPACITY 2.3L; KIT DIM. 30.0CM L, 30.0CM W, 30.0CM H LEVITT BEPS 102	KT	3		
79	7930-21-896-6120	KIT, SPILL CLEANUP, FLAMMABLE SOLVENT, C/O THREE 2.27KG CARTONS OF ABSORBENT, 5 PLASTIC DISPOSAL BAGS AND TIES, 1 PAIR SAFETY GOGGLES, 1 PAIR GLOVES, 1 SPONGE, 2 SCOOPS, COMPLETE INSTRUCTIONS; MINIMUM ABSORBENT CAPACITY 5.6L; KIT DIM. 30.0CM L, 30.0CM W, 30.0CM H. LEVITT BEPS 103	KT	3		
80	7930-21-901-0973	ABSORBENT MATERIAL, MATERIAL PEAT BASE, SPECIAL FEATURES NON-TOXIC; REPELS WATER; BIODEGRADABLE; FOR OIL, PCB AND PETROLEUM BASED FLUIDS; 13.0 LITRE BAG ITW 48490, NOVA CORP OF ALBERTA NOVAL ENTERPRISES DIV 13000	EA	10		
81	7930-21-901-0974	Absorbent material,				
82	8145-21-902-1700	CONTAINER ASSEMBLY, PAINT, (4X1 qt) INT COMP CTR NS-QTFC	EA	2		
83	8145-21-902-1701	CONTAINER ASSEMBLY, PAINT, CONSISTS OF 2 FOAM CAPS AND A DOT 12B40 (CTC 12B) FIBREBOARD SHIPPER, 1X1 GALLON SIZE; FOR SHIPMENT OF DANGEROUS GOODS. INT COMP CTR NS-GALFC	EA	2		
84	8145-21-902-1702	CONTAINER ASSEMBLY, PAINT, , CONSISTS OF 8 FOAM CAPS AND A DOT 12B40 (CTC 12B) FIBREBOARD SHIPPER, 4X1 GALLON SIZE; FOR SHIPMENT OF DANGEROUS GOODS. INT COMP CTR NS-SLFC.	EA	2		
85	8415-21-808-2589	GLOVES, CHEMICAL AND OIL PROTECTIVE, CUFF TYPE GAUNTLET, GARMENT SIZE LARGE, SPECIAL FEATURES ROLLED EDGE OR PINKED EDGE. LEVITT GPLF128-10	PR	4		

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86	8415-21-853-7457	HELMET, SAFETY, USER DESIGNATOR MEN, USER DESIGNATOR WOMEN, MATERIAL MAIN BODY PLASTIC, COLOR MAIN BODY YELLOW HEADWEAR FASTENING METHOD ADJUSTABLE HEADBAND BRIM TYPE SHORT, ELECTRICAL SHOCK RESISTANCE IN VOLTS 20000 GARMENT SIZE UNIVERSAL, FEATURES PROVIDED VISOR, VALEN 420, MCMASTER-CARR SUPPLY COMPANY 5387T11 YELLOW SAFETY SUPPLY CANADA 058A022-4	EA	6		
87	8415-21-855-3870	GLOVES, CHEMICAL AND OIL PROTECTIVE, USER DESIGNATOR MAN, CUFF TYPE GAUNTLET, LENGTH 14.0 INCHES, ENVIRONMENTAL PROTECTION ACID RESISTANT, GARMENT SIZE UNIVERSAL, SPECIAL FEATURES CAUSTIC AND SOLVENT RESISTANT; HEAVY WEIGHT MATERIAL, VALEN 4414, ANSELL CANADA INC 4-414	PR	8		
88	8415-21-899-2631	COVERALLS, DISPOSABLE, (MM) FIBER MATERIAL MAIN BODY OLEFIN COLOR MAIN BODY WHITE, GARMENT SIZE ANY ACCEPTABLE GARMENT CLOSING METHOD FRONT SLIDE FASTENER FEATURES PROVIDED HOOD, FEATURES PROVIDED WRIST SEALS ACKLANDS KMB58102	EA	1		
89	8415-21-899-2634	COVERALLS, DISPOSABLE, (MM) FIBER MATERIAL MAIN BODY OLEFIN COLOR MAIN BODY WHITE, GARMENT SIZE LARGE GARMENT CLOSING METHOD FRONT SLIDE FASTENER FEATURES PROVIDED HOOD, FEATURES PROVIDED WRIST SEALS ACKLANDS KMB58102	EA	1		
90	8415-21-899-2947	GLOVES, CHEMICAL AND OIL PROTECTIVE, CUFF TYPE SELF-CLOTH TIE GARMENT SIZE UNIVERSAL, MSA CANADA INC- 207092, ACKLANDS PIP NS4-10	PR	6		
91	9330-21-847-4948	PLASTIC SHEET, MATERIAL TRANSPARENCY CLEAR, COLOR BOTH SIDES CLEAR WIDTH 144.0 INCHES NOMINAL, THICKNESS 0.006 INCHES NOMINAL MATERIAL PLASTIC, POLYETHYLENE ACKLANDS - RSN 4415-00, COMMERCIAL, BROOKFIELD MONEL 400	FT	2		
92	9525-00-729-5435	WIRE, NONELECTRICAL, MATERIAL NICKEL, QQ-N-281, CLASS A HEAT TREATMENT ANNEALED, MINIMUM TENSILE STRENGTH 70000 POUNDS PER SQUARE INCH, LENGTH 1040.000 FEET NOMINAL BASIC SHAPE STYLE D7 ROUND, CROSS SECTION OUTSIDE DIAMETER 0.040 INCHES NOMINAL, WEIGHT PER UNIT MEASURE 5.000 POUNDS PER PIECE, NONDEFINITIVE SPEC/STD DATA CLASS A, FORM 7 AND CONDITION ANNEALED	SL	1		

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93	9905-21-904-7072	SIGN,TRAFFIC, MATERIAL PLASTIC, INSCRIPTION MEN WORKING, INSCRIPTION MEN WORKING, MARKING DESIGNATION LEGEND, MARKING DESIGNATION LEGEND COLOR INSCRIPTION BLACK AND INSCRIPTION BACKGROUND ORANGE AND BORDER BLACK REFLECTING SURFACE BACKGROUND, DESIGN SHAPE DIAMOND, SIDE LENGTH 30.0 INCHES NOMINAL THICKNESS 0.125 INCHES NOMINAL, SPECIAL FEATURES COMPLETED WITH FOLDING TRIPOD AND TELESCOPE BODY EXTENDS TO 12 FEET HIGH TOPPED WITH 3 FLAG HOLDERS; L-V-351 OVERALL, VALLEN - 0119057, SAFETY SUPPLY CANADA - SAFETYSCOPE MODEL 1228X	EA	1		
94		Storage tank, VALLEN - FDT1000	EA	1		
95	5350-21-877-4997	CLOTH, ABRASIVE, ACKLANDS - XAB 10135, 3M CANADA INC - 50286	RL	3		
96		KIT PLUG AND DYKE 4/pkg, LEVITT - BLCR 10P	KT	3		
97		LADDER MULTIWAY, WESTBURNE - FA1016	EA	1		
98		HAZARD TAPE, ACKLANDS - BDY 91230	RL	2		
99		PLASTIC PAIL AND LIDS, ACKLANDS - SCP 1P505	EA	6		
100		HAND PUMP, ACKLANDS - WSW JW218	EA	1		
101		HAZARD SIGN, ACKLANDS - BDY 92284	EA	2		
102		HAZMAT SUIT (lg), VALLEN - RESPONDER LEV A	EA	4		
103		HAZMAT SUIT (Xlg), VALLEN - RESPONDER LEV A	EA	4		
104		Spill kit, ITW - 48435	EA	2		
105		KIT PLUG AND PATCH, LEVITT - PP200	KT	3		
106		PUMP, MANNIONS PUMP HOUSE - HUSLY 715	EA	1		
107		TRAINING SUIT (lg), VALLEN - 41455 L	EA	2		
108		TRAINING SUIT, (xlg), VALLEN 41455XL	EA	4		
109		POOL (150 gal), QUATREX - 8150	EA	1		
110		P00L (20 gal), QUATREX - 8020	EA	1		
111	5180-21-807-6005	TOOL KIT, GENERAL MECHANICS, COMPONENT QUANTITY 107 COMPONENT DOCUMENT ORIGIN GOVERNMENT, DOCUMENT SOURCE 38905 DOCUMENT TYPE EQUIPMENT CHECK LIST, USAGE DESIGN WATER, SANITATION AND POL TECH (624), DOCUMENT IDENTIFICATION L-49-070-461/LC-001, SPECIAL FEATURES COMPONENTS PER DOCUMENT TYPE	KT	1		
112	6545-21-111-8439	FIRST AID KIT, GENERAL PURPOSE, NSN: 6545-21-111-8439 FIRST AID KIT, GENERAL PURPOSE. NO.1; TO 9 PERSONNEL; WITH ITEMS AS PER A-MD-172-001/LX-000, ACVKLANDS	EA	1		

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113	8405-21-876-3672	PARKA;WET WEATHER, GARMENT SIZE ANY ACCEPTABLE FIBER MATERIAL MAIN BODY NYLON, CLOTH NAME MAIN BODY DUCK COLOR MAIN BODY YELLOW, COATING SUBSTANCE MAIN BODY RUBBER, CHLOROPRENE, ENVIRONMENTAL PROTECTION WATERPROOF GARMENT STYLE PULLOVER GARMENT CLOSING METHOD BOTTOM DRAW/CORD, HOOD TYPE PERMANENTLY ATTACHED, LINING DEGREE UNLINED SPECIFICATION/STANDARD DATA 35907-D-87-001- GOVERNMENT SPECIFICATION LEVITT - CRW501A	EA	6		
114	8405-21-876-3677	TROUSERS;WET WEATHER, CANADIAN FORCES;YELLOW;NYLON DUCK NEOPRENE COATED;WATERPROOF;SIZE:ANY ACCEPTABLE LEVITT - CRW501B	EA	6		
115	8415-21-103-8426	GLOVES;MENS, USAGE DESIGN WORK, CUFF TYPE HEMMED, GARMENT SIZE LARGE, FEATURES PROVIDED W/PULL TAB D-87-001-371/SF-001, ACKLANDS - ALG981LGE	PR	10		
116	8415-21-104-2111	MITTENS;EXTREME COLD WEATHER, USER DESIGNATOR CANADIAN FORCES HAND FOR WHICH DESIGNED AMBIDEXTROUS, CUFF TYPE KNIT WRIST GARMENT SIZE ANY ACCEPTABLE, SPECIFICATION/STANDARD DATA 35907-CL010-4-6 GOVERNMENT SPECIFICATION.VALLEN - 10016	PR	8		
117	8415-21-104-2125	MITTEN SHELLS;MENS, USER DESIGNATOR CANADIAN FORCES COLOR BROWN, CUFF TYPE ANY ACCEPTABLE GARMENT CLOSING METHOD STRAP GARMENT SIZE ANY ACCEPTABLE, SPECIFICATION/STANDARD DATA 35907-CL010-3-4 GOVERNMENT STANDARD VALLEN - 15090	PR	8		
118	8415-21-513-4650	APRON;LABORATORY, MATERIAL PLASTIC VINYL, COLOR BLACK GARMENT STYLE FULL LENGTH, GARMENT CLOSING METHOD BACK TIE TAPE GARMENT SLEEVE LENGTH SLEEVELESS, LENGTH 45.0 INCHES, WIDTH 33.0 INCHES SPECIAL FEATURES ADJUSTABLE NECKBAND;WITH 1.500 INCHES DEEP DRIP LIP AT BOTTOM LEVITT - CM836	EA	4		
119	8415-21-857-8169	MITTENS;SAFETY, CUFF TYPE HEMMED, GARMENT SIZE ANY ACCEPTABLE VALLEN - 15030	SE	8		
120	8415-21-874-0848	BOOTS;SAFETY, RUBBER; BLACK;SAFETY BOX; NONSLIP; 15.000 IN. H;SIZE 9 VALLEN - 650-2020	PR	4		

