

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des soumissions - TPSGC

**11 Laurier St./ 11, rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2**

Gatineau, Québec K1A 0S5
FAX pour soumissions: (819) 997-9776

Request For a Standing Offer Demande d'offre à commandes

National Individual Standing Offer (NISO)

Offre à commandes individuelle nationale (OCIN)

Canada, as represented by the Minister of Public Works and Government Services Canada, hereby requests a Standing Offer on behalf of the Identified Users herein.

Le Canada, représenté par le ministre des Travaux Publics et Services Gouvernementaux Canada, autorise par la présente, une offre à commandes au nom des utilisateurs identifiés énumérés ci-après.

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Clothing and Textiles Division / Division des vêtements et des textiles

11 Laurier St./ 11, rue Laurier
6A2, Place du Portage
Gatineau, Québec K1A 0S5

Title - Sujet MCSE Standing Offer	
Solicitation No. - N° de l'invitation W8486-163191/A	Date 2016-09-16
Client Reference No. - N° de référence du client W8486-163191	GETS Ref. No. - N° de réf. de SEAG PW-\$\$PR-759-71555
File No. - N° de dossier pr759.W8486-163191	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-10-17	Time Zone Fuseau horaire Heure Avancée de l'Est HAE
Delivery Required - Livraison exigée See Herein	
Address Enquiries to: - Adresser toutes questions à: Lafleur, Mario	Buyer Id - Id de l'acheteur pr759
Telephone No. - N° de téléphone (873)469-3173 ()	FAX No. - N° de FAX (819)956-5454
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE 101 COLONEL BY DR. MGen Georges R. Pearkes Building OTTAWA Ontario K1A0K2 Canada	
Security - Sécurité This request for a Standing Offer does not include provisions for security. Cette Demande d'offre à commandes ne comprend pas des dispositions en matière de sécurité.	

Instructions: See Herein

Instructions: Voir aux présentes

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

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION

- 1.1 INTRODUCTION
- 1.2 SUMMARY
- 1.3 DEBRIEFINGS

PART 2 - OFFEROR INSTRUCTIONS

- 2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS
- 2.2 SUBMISSION OF OFFERS
- 2.3 ENQUIRIES - REQUEST FOR STANDING OFFERS
- 2.4 APPLICABLE LAWS
- 2.5 EXCEL SHEET

PART 3 - OFFER PREPARATION INSTRUCTIONS

- 3.1 OFFER PREPARATION INSTRUCTIONS

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

- 4.1 EVALUATION PROCEDURES
- 4.2 BASIS OF SELECTION
- 4.3 PRICE SUPPORT

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

- 5.1 CERTIFICATIONS REQUIRED WITH THE OFFER
- 5.2 CERTIFICATIONS PRECEDENT TO THE ISSUANCE OF A STANDING OFFER AND ADDITIONAL INFORMATION

PART 6 – FINANCIAL REQUIREMENTS

- 6.1 FINANCIAL CAPABILITY

PART 7 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

A. STANDING OFFER

- 7.1 OFFER
- 7.2 SECURITY REQUIREMENT
- 7.3 STANDARD CLAUSES AND CONDITIONS
- 7.4 TERM OF STANDING OFFER
- 7.5 AUTHORITIES
- 7.6 IDENTIFIED USERS
- 7.7 CALL-UP INSTRUMENT
- 7.8 LIMITATION OF CALL-UPS
- 7.9 FINANCIAL LIMITATION
- 7.10 PRIORITY OF DOCUMENTS
- 7.11 CERTIFICATIONS
- 7.12 APPLICABLE LAWS
- 7.13 PLANT CLOSING
- 7.14 PLANT LOCATION

B. RESULTING CONTRACT CLAUSES

- 7.1 REQUIREMENT
- 7.2 STANDARD CLAUSES AND CONDITIONS
- 7.3 TERM OF CONTRACT
- 7.4 PAYMENT
- 7.5 INVOICING INSTRUCTIONS
- 7.6 INSURANCE
- 7.7 SACC MANUAL CLAUSES
- 7.8 PROCEDURES FOR DESIGN CHANGE/DEVIATIONS
- 7.9 SUBCONTRACTORS
- 7.10 OVERSHIPMENT
- 7.11 MATERIALS
- 7.12 DELIVERY

LIST OF ANNEXES :

ANNEX "A" - QUARTERLY REPORT TEMPLATE

ANNEX "B" STATEMENT OF WORK

ANNEX "B" APPENDIX 1

MOUNTAIN CLIMBING SAFETY EQUIPMENT LIST

ANNEX "B" APPENDIX 2

PERFORMANCE REQUIREMENTS FOR ALLOWABLE SUBSTITUTIONS

ANNEX "C" APPENDIX 1

FINANCIAL EVALUATION MATRIX

ANNEX "C" APPENDIX 2

TECHNICAL EVALUATION MATRIX

ANNEX "D" "to PART 3 OF THE REQUEST FOR STANDING OFFERS

ELECTRONIC PAYMENT INSTRUMENTS

PART 1 - GENERAL INFORMATION

1.1 Introduction

The Request for Standing Offers (RFSO) is divided into seven parts plus attachments and annexes, as follows:

- | | |
|--------|---|
| Part 1 | General Information: provides a general description of the requirement; |
| Part 2 | Offeror Instructions: provides the instructions applicable to the clauses and conditions of the RFSO; |
| Part 3 | Offer Preparation Instructions: provides Offerors with instructions on how to prepare their offer to address the evaluation criteria specified; |
| Part 4 | Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the offer, and the basis of selection; |
| Part 5 | Certifications and Additional Information: includes the certifications and additional information to be provided; |
| Part 6 | Financial Requirements: includes specific requirements that must be addressed by Offerors; and |
| Part 7 | 7A, Standing Offer, and 7B, Resulting Contract Clauses: |
- 7A, includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions;
- 7B, includes the clauses and conditions which will apply to any contract resulting from a call-up made pursuant to the Standing Offer.

The Annexes include the quarterly report template, the statement of work, the mountain climbing safety equipment list, the performance requirements for allowable substitutions, the financial evaluation matrix, the technical evaluation matrix and the electronic payment instruments.

1.2 Summary

1.2.1 The contractor will be required to provide the deliverables listed in Annex "B" Appendix 1 (Total 162 Items). The items are identified by a commercial numbers. No substitutes are allowed for the items 1 to 7. See Annex B Appendix 2 for the list of items for which substitutes are allowed.

For year four, five and six, the unit prices will be determined and adjusted using the firm unit prices of the previous year (increase /decrease) in accordance with Statistics Canada's average Consumer Price Index for all municipalities in Canada. The adjustment shall be made annually based on the average of the CPI of the most recent published twelve months period.

1.2.2 The requirement is subject to the provisions of the Agreement on Internal Trade (AIT).

1.2.3 The requirement is subject to a preference for Canadian goods and/or services.

1.2.4 "The Request for Standing Offers (RFSO) is to establish National Individual Standing Offers (NISO) for the requirement detailed in the RFSO, to the Identified Users across Canada, **excluding** locations within Yukon, Northwest Territories, Nunavut, Quebec, and Labrador that are subject to Comprehensive Land Claims Agreements (CLCAs). Any requirement for deliveries to locations within CLCAs areas within Yukon, Northwest Territories, Nunavut, Quebec, or Labrador will have to be treated as a separate procurement, outside of the resulting standing offers. "

1.3 Debriefings

Offerors may request a debriefing on the results of the request for standing offers process. Offerors should make the request to the Standing Offer Authority within 15 working days of receipt of the results of the request for standing offers process. The debriefing may be in writing, by telephone or in person.

PART 2 - OFFEROR INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the Request for Standing Offers (RFSO) by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Offerors who submit an offer agree to be bound by the instructions, clauses and conditions of the RFSO and accept the clauses and conditions of the Standing Offer and resulting contract(s).

The 2006 (2016/04/04) - Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the RFSO.

Subsection 5.4 of 2006, Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days

Insert: 90 days

2.2 Submission of Offers

Offers 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 Request for Standing Offers.

2.2.1 SACC Manual Clauses

A9130T	2014/11/27	Controlled Goods Program – Bid
B1000T	2014/06/26	Condition of Material - Bid

2.3. Enquiries - Request for Standing Offers

All enquiries must be submitted in writing to the Standing Offer Authority no later than seven (7) calendar days before the Request for Standing Offers (RFSO) closing date. Enquiries received after that time may not be answered.

Offerors should reference as accurately as possible the numbered item of the RFSO to which the enquiry relates. Care should be taken by Offerors 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 Offerors do so, so that the proprietary nature of the question(s) is

eliminated, and the enquiry can be answered to all Offerors. Enquiries not submitted in a form that can be distributed to all Offerors may not be answered by Canada.

2.4. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Offerors may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their offer, 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 Offerors.

2.5 Excel Sheet

In order to receive the Excel Sheets electronically (Annex B Appendix 1 and Annex C Appendix 1-2) against this Request for Standing Offer, potential offerors must provide the following details with their request:

- Company Name
- Contact name
- E-mail address
- Request for Standing Offer Number & Closing Date

and send their request by e-mail to the following:

E-mail : mario.lafleur@tpsgc-pwgsc.gc.ca

It is imperative that the request be done as soon as possible to ensure timely receipt. Notwithstanding Canada must not be held responsible for untimely release of the Excel Sheets.

*Take Note: A hard copy of all prices must be submitted with the bid

PART 3 - OFFER PREPARATION INSTRUCTIONS

3.1. Offer Preparation Instructions

Canada requests that Offerors provide their offer in separately bound sections as follows:

- Section I: Financial Offer (1 hard copy)
Section II: Certifications (1 hard copy)

If there is a discrepancy between the wording of the soft copy and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

Prices must appear in the financial offer only. No prices must be indicated in any other section of the offer.

Canada requests that Offerors follow the format instructions described below in the preparation of their offer.

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to that of the Request for Standing Offers.

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, Offerors should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.
- 3) Green Initiatives (for PWGSC information only)
Offerors are requested to provide details of their policies and practices in relation to the following initiatives:
 - environmentally responsible manufacturing;
 - environmentally responsible waste disposal;
 - waste reduction;
 - packaging;
 - re-use strategies;
 - recycling.

Section I: Financial Offer

Offerors must submit their financial offer in accordance with Annex C Appendix 1 - Basis of Payment. The total amount of Applicable Taxes must be shown separately.

3.1.1 Electronic Payment of Invoices - Offer

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "D" Electronic Payment Instruments, to identify which ones are accepted.

If Annex "D" Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.2 Exchange Rate Fluctuation

C3011T 2013/11/06 Exchange Rate Fluctuation

Section II: Certifications

Offerors must submit the certifications and additional information required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Offers will be assessed in accordance with the entire requirement of the Request for Standing Offers including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the offers.

- (c) The evaluation team will determine first if there are two or more offers with a valid Canadian Content certification. In that event, the evaluation process will be limited to the offers with the certification; otherwise, all offers will be evaluated. If some of the offers with a valid certification are declared non-responsive, or are withdrawn, and less than two responsive offers with a valid certification remain, the evaluation will continue among those offers with a valid certification. If all offers with a valid certification are subsequently declared non-responsive, or are withdrawn, then all the other offers received will be evaluated.

4.1.1 Technical Evaluation

The bidder must complete the Annex C Appendix 2

4.1.1.1 SACC Manual Clauses

B4024T 2006/08/15 No Substitute Product for the items 1 to 7

4.1.1.2 EQUIVALENT PRODUCTS (see the Annex B appendix 2)

1. Products that are equivalent in form, fit, function and quality to the items 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. 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.
3. 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.

4.1.2 Financial Evaluation

4.1.2.1 Mandatory Financial Criteria

- a. The Offeror must submit firm unit prices for all items submitted in Canadian dollars, applicable taxes excluded, FCA (Contractor's facility) Incoterms 2000, transportation costs excluded, all applicable Customs Duties and Excise taxes excluded.
- b. The Offeror must submit firm unit pricing for any item quoted. The Offeror is requested to quote firm unit pricing at no more than two decimal points.

4.2 Basis of Selection

An offer must comply with all requirements of the RFSO and meet all mandatory technical and financial evaluation criteria to be declared responsive.

The responsive offer with the lowest evaluated price per item submitted will be recommended for the issuance of a standing offer (potential for a maximum of 6 standing offers). Ranking will be established using the estimated quantities per item at plant.

4.3. Price Support

In the event that there is only one compliant offer received, Canada may require the Offeror to submit price support. Acceptable price support is one or more of the following, at the discretion of Canada:

- (a) current published price list, indicating the percentage discount available to Canada, if applicable;
- (b) paid invoices for like items (like quality and quantity) sold to other customers.

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Offerors must provide the required certifications and additional information to be issued a standing offer.

The certifications provided by Offerors to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare an offer non-responsive, will have the right to set-aside a standing offer, or will declare a contractor in default if any certification made by the Offeror is found to be untrue whether made knowingly or unknowingly during the offer evaluation period, during the Standing Offer period, or during the contract period.

The Standing Offer Authority will have the right to ask for additional information to verify the Offeror's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Standing Offer Authority will render the offer non-responsive, result in the setting aside of the Standing Offer or constitute a default under the Contract.

5.1 Certifications Required with the Offer

Offerors must submit the following duly completed certifications as part of their offer.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

5.1.2 Additional Certifications Required with the Offer

5.1.2.1 Canadian Content Certification

5.1.2.1.1 SACC Manual clause A3050T (2014/11/27) Canadian Content Definition

Canadian Content Certification

This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the request for standing offer, offerors acknowledge that only offers with a certification that the good(s) offered are Canadian goods, as defined in clause A3050T, may be considered.

Failure to provide this certification completed with the offer will result in the good(s) offered being treated as non-Canadian goods.

The Offeror certifies that:

- () a minimum of 80 percent of the total price for the offer consist of Canadian goods as defined in paragraph 1 of clause A3050T.

For more information on how to determine the Canadian content for a mix of goods, a mix of services or a mix of goods and services, consult Annex 3.6. (9), Example 2, of the Supply Manual.

Plant Location

Item(s) will be manufactured at: _____

5.2 Certifications Precedent to the Issuance of a Standing Offer and Additional Information

The certifications and additional information listed below should be submitted with the offer, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Standing Offer Authority will inform the Offeror of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the offer non-responsive.

5.2.1 Federal Contractors Program for Employment Equity - Standing Offer Certification

By submitting an offer, the Offeror certifies that the Offeror, and any of the Offeror's members if the Offeror is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list) available at the bottom of the page of the Employment and Social Development Canada-Labour's website (http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969).

Canada will have the right to declare an offer non-responsive, or to set-aside a Standing Offer, if the Offeror, or any member of the Offeror if the Offeror is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of issuing of a Standing Offer or during the period of the Standing Offer.

PART 6 - FINANCIAL REQUIREMENTS

6.1 Security Requirements

SACC Manual clause M9033T (2011/05/16) Financial Capability

PART 7 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

A. STANDING OFFER

- 7.1** The Offeror offers to fulfill the requirement in accordance with the Requirement at Annex "B" Appendix 2.

Purchase of additional goods

Canada may require additional goods, which it will purchase from the Contractor through the use of the Standing Offer. The Contractor agrees that the prices for the additional goods required will be in accordance with the Basis of Payment of the Standing Offer.

7.2 Security Requirements

- 7.2.1** There is no security requirement applicable to the Standing Offer.

7.3 Standard Clauses and Conditions

All clauses and conditions identified in the Standing Offer and resulting contract(s) by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

7.3.1 General Conditions

2005 (2016/04/04) General Conditions - Standing Offers - Goods or Services, apply to and form part of the Standing Offer.

7.3.2 Standing Offers Reporting

The Offeror must compile and maintain records on its provision of goods, services or both to the federal government under contracts resulting from the Standing Offer. This data must include all purchases ordered, including purchases paid for by a Government of Canada Acquisition Card.

The Offeror must provide an electronic version of this data in accordance with the reporting requirements detailed in Annex "A". If some data is not available, the reason must be indicated. If no goods or services are provided during a given period, the Offeror must still provide a "nil" report.

The data must be submitted on a quarterly basis to the Standing Offer Authority.

The quarterly reporting periods are defined as follows:

1st quarter: April 1, to June 30;
2nd quarter: July 1 to September 30;
3rd quarter: October 1 to December 31;
4th quarter: January 1 to March 31.

The data must be submitted to the Standing Offer Authority no later than 15 calendar days after the end of the reporting period.

7.4 Term of Standing Offer

7.4.1 Period of the Standing Offer

The period for making call-ups against the Standing Offer is from _____ to _____.

7.4.2 Extension of Standing Offer

If the Standing Offer is authorized for use beyond the initial period, the Offeror offers to extend its offer for an additional 3 years period, from _____ to _____ under the same conditions and at the rates or prices specified in the Standing Offer, or at the rates or prices calculated in accordance with the formula specified in the Standing Offer.

The Offeror will be advised of the decision to authorize the use of the Standing Offer for an extended period by the Standing Offer Authority 30 days before the expiry date of the Standing Offer. A revision to the Standing Offer will be issued by the Standing Offer Authority.

7.5 Authorities

7.5.1 Standing Offer Authority

The Standing Offer Authority is:

Mario Lafleur

Public Works and Government Services Canada
Acquisitions Branch
Commercial and Consumer Products Directorate (CCPD)
Clothing & Textiles Division
Place du Portage, Phase III, 6A2
11 Laurier Street
Gatineau, Quebec K1A 0S5
Telephone: 873-469-3173 Facsimile: 819-956-5454
E-mail address: Mario.lafleur@tpsgc-pwgsc.gc.ca

The Standing Offer Authority is responsible for the establishment of the Standing Offer, its administration and its revision, if applicable. Upon the making of a call-up, as Standing offer authority, he is responsible for any contractual issues relating to individual call-ups made against the Standing Offer by any Identified User.

7.5.2 Technical Authority

The Technical Authority for the Standing Offer is:

Technical Authority Mailing/Shipping Address (DND)

Department of National Defence
101 Colonel By Drive
Ottawa, Ontario
K1A 0K2
Attention: DSSPM 3-5-3

The Technical Authority is the representative of the department or agency for whom the Work is being carried out under the Standing Offer and is responsible for all matters concerning the technical content of the Work under the Standing Offer. 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 Standing Offer Revision issued by the Standing Offer Authority.

7.5.3 Procurement Authority

The Procurement Authority for the Standing Offer is:

_____ (Name of Procurement Authority)
_____ (Title)
_____ (Organization)
_____ (Address)

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 Standing Offer. The Procurement Authority is responsible for the implementation of tools and processes required for the administration of the Standing Offer. The Contractor may discuss administrative matters identified in the Standing Offer 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 Standing Offer Revision issued by the Standing Offer Authority.

7.5.4 Offeror's Representative

The person responsible for:

General enquiries

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

7.6 Identified Users

The Identified Users authorized to make call-ups against the Standing Offer is: Astra Ontario and Lazo, BC.

7.7 Call-up Instrument

The Work will be authorized or confirmed by the Identified User(s) using form (PWGSC-TPSGC 942).

7.8 Limitation of Call-ups

Individual call-ups against the Standing Offer must not exceed \$100,000.00 (Applicable Taxes included). Any call-ups with a value greater than this amount must be issued directly by the Standing Offer Authority.

7.9 Financial Limitation

The total cost to Canada resulting from call-ups against the Standing Offer must not exceed the sum of \$_____ (Applicable Taxes excluded) unless otherwise authorized in writing by the Standing Offer Authority. The Offeror must not perform any work or services or supply any articles in response to call-ups which would cause the total cost to Canada to exceed the said sum, unless an increase is so authorized.

The Offeror must notify the Standing Offer Authority as to the adequacy of this sum when 75 percent of this amount has been committed, or 3 months before the expiry date of the Standing Offer, whichever comes first. However, if at any time, the Offeror considers that the said sum may be exceeded, the Offeror must promptly notify the Standing Offer Authority.

7.10 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 call up against the Standing Offer, including any annexes;
- b) the articles of the Standing Offer;
- c) the general conditions 2005 (2016/04/04), General Conditions - Standing Offers - Goods or Services;
- d) the general conditions 2030 (2016/04/04), General Conditions – Higher Complexity – Goods
- e) Annex “A” - Quarterly report template
- f) Annex “B” - Statement of Work
- g) Annex “B” Appendix 1 – Mountain Climbing Safety Equipment List
- h) Annex “B” Appendix 2 – Performance Requirements for Allowable Substitutions
- i) Annex “C” Appendix 1- Financial Evaluation Matrix
- j) Annex “C” Appendix 2- Technical Evaluation Matrix
- k) Annex “D” - Electronic Payment Instruments
- l) the Offeror's offer dated _____ (insert date of offer).

7.11 Certifications and Additional Information

7.11.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Offeror with its offer or precedent to issuance of the Standing Offer (SO), and the ongoing cooperation in providing additional information are conditions of issuance of the SO and failure to comply will constitute the Offeror in default. Certifications are subject to verification by Canada during the entire period of the SO and of any resulting contract that would continue beyond the period of the SO.

7.11.2 SACC Manual Clauses

M3060C 2008-05-12 Canadian Content Certification

7.12 Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

7.13 Plant Closing

The Offeror's plant closing for Christmas and Summer holidays are as follows. During this time there will be no shipments.

2016-2017

Christmas Holiday	FROM _____	TO _____
Summer Holiday	FROM _____	TO _____

2017-2018

Christmas Holiday	FROM _____	TO _____
Summer Holiday	FROM _____	TO _____

2018-2019

Christmas Holiday	FROM _____	TO _____
Summer Holiday	FROM _____	TO _____

2019-2020

Christmas Holiday	FROM _____	TO _____
Summer Holiday	FROM _____	TO _____

2020-2021

Christmas Holiday	FROM _____	TO _____
Summer Holiday	FROM _____	TO _____

2021-2022

Christmas Holiday	FROM _____	TO _____
Summer Holiday	FROM _____	TO _____

7.14 Plant Location

Items will be manufactured at: _____

B. RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from a call-up against the Standing Offer.

7.1 Requirement

The Contractor must provide the items detailed in the call-up against the Standing Offer

7.2 Standard Clauses and Conditions

7.2.1 General Conditions

2030 (2016/04/04), General Conditions – Higher Complexity – Goods, apply to and form part of the Contract.

Section _____ (*insert section number*) Interest on Overdue Accounts, of _____ (*insert the number, date and title of applicable general conditions*) will not apply to payments made by credit cards.

7.3 Term of Contract**7.3.1 Period of the Contract**

The Work must be completed in accordance with the call-up against the Standing Offer.

7.4 Payment**7.4.1 Basis of Payment**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid (a) firm unit price(s), as specified in the line item detail in Annex the Annex C Appendix 1. Customs duties are excluded and Applicable Taxes are extra.

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 Standing Offer Authority before their incorporation into the Work.

The Contractor must prepay transportation costs. Prepaid transportation costs must be shown as a separate item on the invoice, supported by a certified copy of the prepaid transportation bill of lading.

7.4.2 SACC Manual Clauses

C6000C	2011/05/16	Limitation of Price
H1001C	2008-05-12	Multiple Payments
C2000C	2007-11-30	Taxes - Foreign-based Contractor

7.4.3 Electronic Payment of Invoices – Call-up

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

7.5 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
 - (a) One (1) copy must be forwarded to the following address:

National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Drive

Ottawa, ON K1A 0K2

Attention: DLP _____

Email: _____ (to be inserted at contract award)

(b) The original and one (1) copy must be forwarded to the consignee for certification and payment.

(c) A quarterly report of all the invoices sent during this period must be sent to the following address

Mario Lafleur

Public Works and Government Services Canada

Acquisitions Branch

Commercial and Consumer Products Directorate (CCPD)

Clothing & Textiles Division

Place du Portage, Phase III, 6A2

11 Laurier Street

Gatineau, Quebec K1A 0S5

Telephone: 873-469-3173 Facsimile: 819-956-5454

E-mail address: Mario.lafleur@tpsgc-pwgsc.gc.ca

7.6 Insurance

SACC Manual clause G1005C (2016-01-28) Insurance - No Specific Requirement

7.7 SACC Manual Clauses

A9006C	2012-07-16	Defence Contract
D2000C	2007-11-30	Marking
D2001C	2007/11/30	Labelling
B7500C	2006-06-16	Excess Goods
C2800C	2013-01-28	Priority Rating
C2801C	2014-11-27	Priority Rating - Canadian-based Contractors
D2025C	2013-11-06	Wood Packaging Materials
D5545C	2010-08-16	ISO 9001:2008 - Quality Management Systems - Requirements (QAC C)
D6010C	2007-11-30	Palletization
D9002C	2007-11-30	Incomplete Assemblies

7.8 Procedures for Design change/Deviations

The Contractor must follow these procedures for any proposed design change/deviation to contract specifications.

The Contractor must complete Part 1 to 12B the Design Change/Deviation form DND 675 and forward one (1) copies to the Technical Authority and one (1) copy to the Standing Offer Authority.

The Contractor will be authorized to proceed upon receipt of the design change/deviation form signed by the Standing Offer Authority. A contract amendment will be issued to incorporate the design change/deviation in the Contract.

7.9 Subcontractor(s)

The following subcontractor(s) will be utilized in the performance of the contract.

Name of Company: _____

Location: _____

Value of subcontract: \$ _____

Nature of subcontracting work performed: _____

Subcontractors, other than those listed above, may not be utilized without the written permission of Canada.

7.10 Overshipment

Overshipment will not be accepted unless prior approval is obtained from the Contracting Authority.

7.11 Materials: Contractor Total Supply

The Contractor will be responsible for obtaining all materials required in the manufacture of the item(s) specified. The delivery stated for the item(s) allows the necessary time to obtain such materials.

7.12 Delivery

7.12.1 Preparation for Delivery

The Contractor must prepare the item for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification D-LM-008-036/SF-000, DND Minimum Requirements for Manufacturer's Standard Pack.

The Contractor must package the items in quantities of 1 unit by package.

7.12.2 Bulk Shipments

For bulk shipments, all cartons must be shipped on 40" x 48" pallets shrink-wrapped or equivalent with overall height not to exceed 42".

7.12.3 Additional Package Markings - Different

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

specification number;
manufacturer's name;
batch or lot number;
date of manufacture;
serial number; and
expiration date of shelf life

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

7.12.4 Shipping Instructions - Delivery at Origin

Goods must be consigned to the destination specified in the call-up document and delivered:

- (a) FCA Free Carrier (Contractor's facility) Incoterms 2000 for shipments from a commercial contractor.

Solicitation No. - N° de l'invitation

W8486-163191

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

W8486-163191

Amd. No. - N° de la modif.

File No. - N° du dossier

W8486-163191

Buyer ID - Id de l'acheteur

pr-759

CCC No./N° CCC - FMS No./N° VME

ANNEX "A"

QUARTERLY REPORT TEMPLATE

Standing Offer Number: _____

Reporting Period (start date to end date): _____

Date	Call-up #	Description of Item	Quantity	Total Billing
TOTAL				\$

NIL REPORT: We have not done any business with the federal government for this period ____.

Prepared by:

Name: _____

Date: _____

Telephone no.: _____

ANNEX "D" to PART 3 OF THE REQUEST FOR STANDING OFFERS

ELECTRONIC PAYMENT INSTRUMENTS

The Offeror accepts to be paid by any of the following Electronic Payment Instrument(s):

- ☐ () VISA Acquisition Card;
- ☐ () MasterCard Acquisition Card;
- ☐ () Direct Deposit (Domestic and International);
- ☐ () Electronic Data Interchange (EDI);
- ☐ () Wire Transfer (International Only);
- ☐ () Large Value Transfer System (LVTS) (Over \$25M)

ANNEX B

STATEMENT OF WORK
MOUNTAINEERING/CLIMBING SAFETY EQUIPMENT

22 DEC 2015



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.

1.0 SCOPE

1.1 Background

In order to fulfill its mandate, the Canadian Armed Forces (CAF) are required to conduct a wide variety of operations such as mountaineering and climbing. To support this requirement, it is integral to mission success that personnel be provided with suitable safety equipment to perform these tasks. The establishment of a Standing Offer Agreement (SOA) as a procurement vehicle for Mountaineering and Climbing Safety

Equipment (MCSE) is necessary to properly procure and manage this equipment.

1.2 Purpose

The following identify the scope of work to be performed by the Contractor to satisfy the procurement of Commercial Off-The-Shelf (COTS) MCSE.

1.3 Procurement Approach

The COTS MCSE SOA will have a guaranteed initial call-up. The initial call-up will be in accordance with items and quantities in Appendix 1 (initial buy quantities) and will have to be delivered 60 days after Contract Award to two pre-determined locations (Trenton, ON and Comox, BC) in Canada. Subsequent call-ups (expected annual buy column in Appendix 1) will be on an “as and when required” basis, with delivery locations in Canada specified during the time of call-up. The subsequent call-up buy quantities in Appendix 1 are provided for illustrative purposes (no minimum guarantee) only.

1.4 Terminology

MCSE	Mountaineering & Climbing Safety Equipment. Includes all safety equipment required to be delivered to perform mountaineering and climbing tasks in the Canadian Armed Forces (CAF).
COTS	Commercial Off-The-Shelf. Equipment that the general public could purchase via normal retail methods.
SOA	Standing Offer Agreement
CAAWC	Canadian Army Advanced Warfare Centre. Located in Trenton, Ontario, this is the main training location for mountaineering and climbing in the Army. This will be the primary customer using this purchase vehicle for MCSE.
CFSSAR	Canadian Forces School of Search and Rescue. Located in Comox, British Columbia, this is the main training location for the Search and Rescue community. This will be the secondary customer making use of this purchase vehicle for MCSE.

2.0 **DELIVERABLES**

2.1 General

Appendix 1 indicates the full range of MSCE equipment to be provided by the Contractor as well as quantities required for the initial call-up (initial buy quantities). Subsequent orders will be exercised by DND as required. Follow-up deliveries can be for all or part of the items list. Post contract award, items on the approved MCSE items list cannot be substituted unless approved by the Technical Authority (TA).

2.2 Initial Call-Up

The initial call-up is represented in Appendix 1 by item, quantity and required delivery location. Contractor must be capable of delivering the initial order 60 calendar days from time of contract award. For initial order, call-ups will be done by and deliver to the following two addresses below:

For CAAWC:

CANADIAN ARMY ADVANCED WARFARE CENTRE
 76 Northstar Dr
 PO BOX 1000 STN FORCES
 ASTRA ON K0K 3W0

For CFSSAR:

CANADIAN FORCES SCHOOL OF SEARCH AND RESCUE
 BLG 238
 PO BOX 1000 STN MAIN
 LAZO, BC
 V0R 2K0, CANADA

2.3 Subsequent Call-Ups

Over the life of the contract, DND can place subsequent orders for delivery on an as and when required basis. These orders can comprise any of the listed items in Appendix 1. Call-ups will be done by any of the two units listed in Section 2.2, but equipment may have to be delivered to specific units throughout Canada. Orders must be delivered NLT 45 calendar days from time of order submission. Requested delivery location for each item will be specified in the order.

3.0 **SHIPPING REQUIREMENTS**

Items that are required to be delivered over the life of the contract are outlined in Appendix 1. The Contractor will be responsible for actual shipping costs as incurred. Method of shipment must be selected such that orders can be tracked and reach their final delivery location within 45 days of being sent.

4.0 **WARRANTY**

Each item delivered is to be delivered with the understanding that the same warranty applies as it would if purchased off the shelf by the public. The Contractor must provide warranty on the delivered items to ensure that they are in proper working order once received by the units as well as remain serviceable for the expected warranty period when under normal use. Following inspection of any delivery, DND will notify the contractor of any discrepancies within 14 calendar days of delivery receipt date.

4.1 Replacement under warranty

Any items found to not be in proper working order are to be replaced within 15 calendar days from time of written notification (email) from DND to Contractor. Non-serviceable items will be returned to Contractor at DND cost. The Contractor will be responsible for actual shipping costs of the replacement item.

5.0 **APPENDIXES**

Appendix 1 to MCSE : List of MCSE items

Appendix 2 to MCSE : Performance Requirements for allowable substituted items

ANNEX B Appendix 1

Mountain Climbing Safety Equipment List

Serial	Item Name	NSN	Item Description	No Substitution	NCAAG	Acceptable Manufacturer	Acceptable Part Number	INITIAL BUY			EXPECTED ANNUAL BUY		
								Initial Buy (Total)	Initial Buy (CAAWC)	Initial Buy Quantities (SAR.)	Expected Annual Buy Quantities (Total)	Expected Annual Buy Quantities (CAAWC)	Expected Annual Buy Quantities (SAR)
1	Harness Mountain Climbing	4240-14-559-2417	Harness Mountain Climbing	✓	F6955	Petzl Distribution	C29	20	0	0	5	5	0
2	Harness Mountain Climbing	4240-14-548-7343	Harness Mountain Climbing	✓	F6955	Petzl Distribution	C39CAA.1	20	10	10	35	25	10
3	Harness Mountain Climbing	4240-14-548-7345	Harness Mountain Climbing	✓	F6955	Petzl Distribution	C39CAA.2	25	15	10	40	30	10
4	Belay Device, Mountaineering	8465-01-614-1950	Belay Device	✓	05ZC3	Black Diamond Equipment Ltd	BD020055	15	0	15	70	50	20
5	Snap Link Mountain Pilon	8465-01-614-1950	Snap Link Mountain Pilon	✓	S4103	Stabil Werkzeugindustrie Resingemh	9820-02	0	0	0	2	1	1
6	Snap Link Mountain Pilon	8465-01-614-1950	Snap Link Mountain Pilon	✓	F6955	Petzl Distribution	M73 TLA	0	0	0	2	1	1
7	Rope Flours	4202-01-624-8536	High-strength VULCAN Carabiners w/TRIAC-Lock	✓	2N654	New Endland Rope Corp	Glider-10.5MM-60M	5	0	5	10	0	10
8	Harness Safety Industrial	4240-01-611-6996	Harness Safety Industrial	✓	45197	Yates Gear	310	0	0	0	2	1	1
9	Mountain Climbing Helmet	8415-01-618-9823	Mountain Climbing Helmet	✓	0LD59	Black Diamond Equipment Ltd	BD020206BL.2ZS M1	10	10	0	35	25	10
10	Mountain Climbing Helmet	8415-20-A0H-3549	Mountain Climbing Helmet	✓	0LD59	Black Diamond Equipment Ltd	BD020206BL.2ZM L1	20	10	10	35	25	10
11	Mini Pulley, Lightweight Color Orange	8465-14-576-2173	Belay Device, Mountaineering	✓	F6955	Petzl Distribution	D14 20	12	10	2	25	5	20
12	Descender Mountain Climbers	8465-20-001-0465	Figure 8 descender	✓	78848	Omega Pacific Inc	OPF138-1	0	0	0	5	5	0
13	Snap Link Pilon	8465-14-576-5648	Carabiner	✓	F6955	Petzl Distribution	M53 B	100	40	60	260	200	60
14	Carabiner Locking	8465-01-595-3322	Winter Carabiner (M)	✓	F6955	Petzl Distribution	M35SL	20	0	20	250	200	50
15	Snap Link Mountain Climbing	8465-20-A0H-1108	Winter Carabiner (L)	✓	F6955	Petzl Distribution	M36 SL	60	0	60	90	40	50
16	Snap Link Mountain Pilon	8465-21-899-8242	Snap Link Mountain Pilon	✓	38278	DiBlee Tools Ltd	K-5022	0	0	0	100	100	0
17	Packing Carabiner	8465-01-617-0550	Snap Link Mountain Pilon	✓	0LD59	Black Diamond Equipment Ltd	BD210230RED.DALL1	140	0	140	120	0	120
18	Pulley fixed	3940-01-617-6866	Mini lightweight Prusik pulley	✓	10YU6	Petzl Distribution	P59A	80	50	30	100	50	50
19	Rope Flours	4020-01-618-7835	5 mm kermantle (static)	✓	04953	Sterling Ropes	AN50 0100	1	0	1	10	0	10
20	Rope Flours	4020-01-618-7837	6 mm kermantle (static)	✓	04953	Sterling Ropes	AN60 0100	5	4	1	15	5	10
21	Rope Flours	4020-01-618-7837	7 mm kermantle (static)	✓	04953	Sterling Ropes	AN70 0200	4	3	1	15	5	10
22	Rope Flours	4020-01-618-7832	8 mm kermantle (static)	✓	04953	Sterling Ropes	A08032.200	4	3	1	15	5	10
23	Rope Flours	4020-01-618-8096	11 mm kermantle (static)	✓	2N654	New Endland Rope Corp	3302-14.03000	22	12	10	25	15	10
24	Rope Flours	4020-01-619-9707	9.9 mm kermantle (dynamic)	✓	2N654	New Endland Rope Corp	GLIDER-60M	65	50	15	65	55	10
25	Strap Webbing	8465-01-619-6312	30cm dynex sling	✓	05ZC3	Black Diamond Equipment Ltd	BD3800330000A.L1	15	10	5	40	10	30
26	Strap Webbing	8465-01-619-6312	30cm dynex sling	✓	05ZC3	Black Diamond Equipment Ltd	BD3800330000A.L1	100	0	100	80	50	30
27	Strap Webbing	8465-01-619-6312	30cm dynex sling	✓	05ZC3	Black Diamond Equipment Ltd	BD3800330000A.L1	80	0	80	80	50	30
28	Strap Webbing	8465-01-619-6311	120 cm dynex sling	✓	05ZC3	Black Diamond Equipment Ltd	BD3800330000A.L1	60	10	50	40	10	30
29	Cramming Unit	8465-01-618-5460	4 Lobe Dual axle cam size .5	✓	05ZC3	Black Diamond Equipment Ltd	BD2821050000A.L1	5	0	5	10	5	5
30	Cramming Unit	8465-01-618-5477	4 Lobe Dual axle cam size .75	✓	05ZC3	Black Diamond Equipment Ltd	BD2821070000A.L1	5	0	5	10	5	5
31	Cramming Unit	8465-01-618-5481	4 Lobe Dual axle cam size 1	✓	05ZC3	Black Diamond Equipment Ltd	BD2821100000A.L1	5	0	5	10	5	5
32	Cramming Unit	8465-01-618-5478	4 Lobe Dual axle cam size 2	✓	05ZC3	Black Diamond Equipment Ltd	BD2821200000A.L1	5	0	5	10	5	5
33	Cramming Unit	8465-01-618-5476	4 Lobe Dual axle cam size 3	✓	05ZC3	Black Diamond Equipment Ltd	BD2821300000A.L1	5	0	5	10	5	5
34	Cramming Unit	8465-01-618-5479	4 Lobe Dual axle cam size 4	✓	05ZC3	Black Diamond Equipment Ltd	BD2821400000A.L1	5	0	5	10	5	5
35	Master Cam Device	8465-01-618-8523	4 Lobe Single axle cam size 0	✓	009H4	Melolius Mountain Products Inc	MASS100	5	0	5	10	5	5
36	Master Cam Device	8465-01-618-8522	4 Lobe Single axle cam size 1	✓	009H4	Melolius Mountain Products Inc	MAST101	5	0	5	10	5	5
37	Master Cam Device	8465-01-618-8521	4 Lobe Single axle cam size 2	✓	009H4	Melolius Mountain Products Inc	MAST102	5	0	5	10	5	5
38	Master Cam Device	8465-01-618-8520	4 Lobe Single axle cam size 3	✓	009H4	Melolius Mountain Products Inc	MAST103	5	0	5	10	5	5
39	Master Cam Device	8465-01-618-8518	4 Lobe Single axle cam size 4	✓	009H4	Melolius Mountain Products Inc	MAST104	5	0	5	10	5	5
40	Master Cam Device	8465-01-618-8517	4 Lobe Single axle cam size 5	✓	009H4	Melolius Mountain Products Inc	MAST105	5	0	5	10	5	5
41	Master Cam Device	8465-01-618-8515	4 Lobe Single axle cam size 6	✓	009H4	Melolius Mountain Products Inc	MAST106	5	0	5	10	5	5
42	Master Cam Device	8465-01-618-8514	4 Lobe Single axle cam size 7	✓	009H4	Melolius Mountain Products Inc	MAST107	5	0	5	10	5	5
43	Climber's Equipment Set	8465-01-616-7253	4 Lobe Link Cam size .5	✓	009H4	Melolius Mountain Products Inc	MAST108	5	0	5	10	5	5
44	Climber's Equipment Set	8465-01-616-7254	4 Lobe Link Cam size .75	✓	78848	Omega Pacific Inc	OPLC050	5	0	5	10	5	5
45	Climber's Equipment Set	8465-01-620-4191	4 Lobe Link Cam size 1	✓	78848	Omega Pacific Inc	OPLC075	5	0	5	10	5	5
46	Climber's Equipment Set	8465-01-620-4154	4 Lobe Link Cam size 2	✓	78848	Omega Pacific Inc	OPLC1	5	0	5	10	5	5
47	Cramming Device Ullr	8465-01-617-2671	3 Lobe Single axle cam size 0	✓	009H4	Melolius Mountain Products Inc	UTCU100	5	0	5	10	5	5
48	Cramming Device Ullr	8465-01-617-2674	3 Lobe Single axle cam size 1	✓	009H4	Melolius Mountain Products Inc	UTCU101	5	0	5	10	5	5
49	Cramming Device Ullr	8465-01-617-2675	3 Lobe Single axle cam size 2	✓	009H4	Melolius Mountain Products Inc	UTCU102	5	0	5	10	5	5
50	Cramming Device Ullr	8465-01-617-2678	3 Lobe Single axle cam size 3	✓	009H4	Melolius Mountain Products Inc	UTCU103	5	0	5	10	5	5
51	Cramming Device Ullr	8465-01-617-2681	3 Lobe Single axle cam size 4	✓	009H4	Melolius Mountain Products Inc	UTCU104	5	0	5	10	5	5
52	TRCAM	8465-20-A0D-2374	Tricam Size 125	✓	6LQ30	Camp Tri Cam	947025	0	0	0	5	5	0
53	TRCAM	8465-20-A0D-2374	Tricam Size 125	✓	6LQ30	Camp Tri Cam	947025	0	0	0	5	5	0
54	TRCAM	8465-20-A0D-2389	Tricam Size 250	✓	6LQ30	Camp Tri Cam	947025	0	0	0	5	5	0
55	TRCAM	8465-01-624-2009	Tricam Size .5	✓	6LQ30	Camp Tri Cam	947025	10	0	10	10	5	5

Mountain Climbing Safety Equipment List

Serial	Item Name	NSN	Item Description	No Substitution	NCAE	Acceptable Manufacturer	Acceptable Part Number	INITIAL BUY			EXPECTED ANNUAL BUY		
								Initial Buy Quantities (Total)	Initial Buy Quantities (CAAWC)	Initial Buy Quantities (SAR)	Expected Annual Buy Quantities (Total)	Expected Annual Buy Quantities (CAAWC)	Expected Annual Buy Quantities (SAR)
56	TRICAM	8465-01-619-6724	Tricam size 1		BUQ30	Camp Tri Cam	94710	10	0	10	10	5	5
57	TRICAM	8465-01-619-6720	Tricam size 1.5		BUQ30	Camp Tri Cam	94715	10	0	10	10	5	5
58	TRICAM	8465-01-619-6726	Tricam size 2		BUQ30	Camp Tri Cam	94720	10	0	10	10	5	5
59	TRICAM	8465-01-619-6722	Tricam size 2.5		BUQ30	Camp Tri Cam	92225	10	0	10	10	5	5
60	TRICAM	8465-01-624-2000	Tricam Size 3.0		BUQ30	Camp Tri Cam	92230	10	0	10	10	5	5
61	TRICAM	8465-20-A00-2400	Tricam Size 3.5		BUQ30	Camp Tri Cam	92235	0	0	0	5	5	0
62	TRICAM	8465-01-643-6206	Tricam Size 4.0		BUQ30	Camp Tri Cam	92240	0	0	0	5	5	0
63	TRICAM	8465-01-643-6210	Tricam Size 4.5		BUQ30	Camp Tri Cam	92250	0	0	0	5	5	0
64	TRICAM	8465-01-643-6204	Tricam Size 5.0		BUQ30	Camp Tri Cam	92260	0	0	0	5	5	0
65	TRICAM	8465-01-643-6208	Tricam Size 6.0		BUQ30	Camp Tri Cam	92270	0	0	0	5	5	0
66	Stopper Mountain Set	8465-01-619-0473	Chocks size 1		BUQ30	Camp Tri Cam	8D2252010000ALL1	5	0	5	5	5	5
67	Stopper Mountain Set	8465-01-619-0475	Chocks size 2		BUQ30	Camp Tri Cam	8D2252020000ALL1	5	0	5	5	5	5
68	Stopper Mountain Set	8465-01-619-0476	Chocks size 3		BUQ30	Camp Tri Cam	8D2252030000ALL1	5	0	5	5	5	5
69	Stopper Mountain Set	8465-01-619-0477	Chocks size 4		BUQ30	Camp Tri Cam	8D2252040000ALL1	5	0	5	5	5	5
70	Stopper Mountain Set	8465-01-619-0478	Chocks size 5		BUQ30	Camp Tri Cam	8D2252050000ALL1	5	0	5	5	5	5
71	Stopper Mountain Set	8465-01-619-0479	Chocks size 6		BUQ30	Camp Tri Cam	8D2252060000ALL1	5	0	5	5	5	5
72	Stopper Mountain Set	8465-01-619-0482	Chocks size 7		BUQ30	Camp Tri Cam	8D2252070000ALL1	5	0	5	5	5	5
73	Stopper Mountain Set	8465-01-619-0483	Chocks size 8		BUQ30	Camp Tri Cam	8D2252080000ALL1	5	0	5	5	5	5
74	Stopper Mountain Set	8465-01-619-0484	Chocks size 9		BUQ30	Camp Tri Cam	8D2252090000ALL1	5	0	5	5	5	5
75	Stopper Mountain Set	8465-01-619-0485	Chocks size 10		BUQ30	Camp Tri Cam	8D2252100000ALL1	5	0	5	5	5	5
76	Stopper Mountain Set	8465-01-619-0488	Chocks size 11		BUQ30	Camp Tri Cam	8D2252110000ALL1	5	0	5	5	5	5
77	Stopper Mountain Set	8465-01-619-0489	Chocks size 12		BUQ30	Camp Tri Cam	8D2252120000ALL1	5	0	5	5	5	5
78	Stopper Mountain Set	8465-20-A00-2602	Chocks size 13		BUQ30	Camp Tri Cam	8D2252130000ALL1	5	0	5	5	5	5
79	Stopper Mountain	8465-01-616-4541	Hexentrics Chocks size 1		BUQ30	Camp Tri Cam	8D2202010000ALL1	10	5	5	7	2	5
80	Stopper Mountain	8465-20-A00-2449	Hexentrics Chocks size 2		BUQ30	Camp Tri Cam	8D2202020000ALL1	10	5	5	7	2	5
81	Stopper Mountain	8465-20-A00-2631	Hexentrics Chocks size 3		BUQ30	Camp Tri Cam	8D2202030000ALL1	10	5	5	7	2	5
82	Stopper Mountain	8465-20-A00-2630	Hexentrics Chocks size 4		BUQ30	Camp Tri Cam	8D2202040000ALL1	10	5	5	7	2	5
83	Stopper Mountain	8465-20-A00-2643	Hexentrics Chocks size 5		BUQ30	Camp Tri Cam	8D2202050000ALL1	10	5	5	7	2	5
84	Stopper Mountain	8465-20-A00-2646	Hexentrics Chocks size 6		BUQ30	Camp Tri Cam	8D2202060000ALL1	10	5	5	7	2	5
85	Stopper Mountain	8465-20-A00-2648	Hexentrics Chocks size 7		BUQ30	Camp Tri Cam	8D2202070000ALL1	10	5	5	7	2	5
86	Stopper Mountain	8465-20-A00-2648	Hexentrics Chocks size 8		BUQ30	Camp Tri Cam	8D2202080000ALL1	10	5	5	7	2	5
87	Stopper Mountain	8465-01-616-4539	Hexentrics Chocks size 9		BUQ30	Camp Tri Cam	8D2202090000ALL1	10	5	5	7	2	5
88	Stopper Mountain	8465-20-A00-2447	Hexentrics Chocks size 10		BUQ30	Camp Tri Cam	8D2202100000ALL1	10	5	5	7	2	5
89	Stopper Mountain	8465-20-A00-2446	Hexentrics Chocks size 11		BUQ30	Camp Tri Cam	8D2202110000ALL1	10	5	5	7	2	5
90	Anchor Mountain	8465-01-582-5611	Nut Tool		BUQ30	Camp Tri Cam	8D2202060000ALL1	10	5	5	10	5	5
91	Piton Mountain	8465-14-572-8299	Piton Mountain		F6995	Paid Distribution	65504	5	5	0	5	5	1
92	Piton Mountain	8465-14-572-8301	Piton Mountain		F6995	Paid Distribution	65508	5	5	0	6	5	1
93	Piton Mountain	8465-14-572-8303	Piton Mountain		F6995	Paid Distribution	65508	5	5	0	6	5	1
94	Piton Mountain	8465-14-572-8305	Piton Mountain		F6995	Paid Distribution	65510	5	5	0	6	5	1
95	Piton Mountain	8465-14-569-7508	Piton Mountain		F6995	Paid Distribution	65510	5	5	0	6	5	1
96	Piton Mountain	8465-14-572-8304	Piton Mountain		F6995	Paid Distribution	65510	5	5	0	6	5	1
97	Piton Mountain	8465-14-559-3061	Piton Mountain		F6995	Paid Distribution	65512	5	5	0	6	5	1
98	Piton Mountain	8465-14-572-8306	Piton Mountain		F6995	Paid Distribution	65507	5	5	0	6	5	1
99	Piton Mountain	8465-14-572-8310	Piton Mountain		F6995	Paid Distribution	66011	5	5	0	6	5	1
100	Piton Mountain	8465-14-572-8310	Piton Mountain		F6995	Paid Distribution	66011	5	5	0	6	5	1
101	Piton Mountain	8465-20-001-0269	Piton Mountain		F6995	Paid Distribution	66314	5	5	0	6	5	1
102	Piton Mountain	8465-20-001-0269	Camp Lost Arrow #1		BUQ30	Camp Tri Cam	8D2203030000ALL1	5	0	5	5	5	5
103	Piton Mountain	8465-20-000-9910	Camp Lost Arrow #4		BUQ30	Camp Tri Cam	1402-015 #1	5	0	5	5	5	5
104	Piton Mountain	8465-20-000-9911	Camp Lost Arrow #5		BUQ30	Camp Tri Cam	1402-015 #5	5	0	5	5	5	5
105	Piton Mountain	8465-20-000-9912	Camp Lost Arrow #6		BUQ30	Camp Tri Cam	1402-015 #6	5	0	5	5	5	5
106	Piton Mountain	8465-20-001-0265	Camp Lost Arrow #7		BUQ30	Camp Tri Cam	1402-015 #7	5	0	5	5	5	5
107	Piton Mountain	8465-20-001-0266	Camp Lost Arrow #8		BUQ30	Camp Tri Cam	1402-015 #8	5	0	5	5	5	5
108	Piton Mountain	8465-20-001-0267	Angle Piton #1		BUQ30	Camp Tri Cam	8D2207100000ALL1	5	5	0	6	5	5
109	Piton Mountain	8465-01-625-4518	Angle Piton #2		BUQ30	Camp Tri Cam	8D2207200000ALL1	5	5	0	6	5	5
110	Piton Mountain	8465-01-625-4519	Angle Piton #2		BUQ30	Camp Tri Cam	8D2207200000ALL1	5	5	0	6	5	5

ANNEX B Appendix 1

Mountain Climbing Safety Equipment List

Serial	Item Name	NSN	Item Description	No Substitution	NCA/GE	Acceptable Manufacturer	Acceptable Part Number	INITIAL BUY			EXPECTED ANNUAL BUY		
								Initial Buy Quantity (Total)	Initial Buy Quantities (CAAWC)	Initial Buy Quantities (SAR)	Expected Annual Buy Quantity (Total)	Expected Annual Buy Quantities (CAAWC)	Expected Annual Buy Quantities (SAR)
111	Piton Mountain	8465-01-625-3792	Angle Pion #3		0LD59	Black Diamond Equipment Ltd	BD5207300000ALL1	5	5	0	6	5	1
112	Piton Mountain	8465-01-625-4277	Angle Pion #4		0LD59	Black Diamond Equipment Ltd	BD5207400000ALL1	5	5	0	6	5	1
113	Piton Mountain	8465-01-625-4113	Angle Pion #5		0LD59	Black Diamond Equipment Ltd	BD5207500000ALL1	5	5	0	6	5	1
114	Piton Mountain	8465-01-625-4103	Angle Pion #6		0LD59	Black Diamond Equipment Ltd	BD5207600000ALL1	5	5	0	10	5	5
115	Hammer Hard	5120-01-016-9522	Rock Hammer		0LD59	Black Diamond Equipment Ltd	BD5000100000ALL1	15	0	15	20	5	15
116	Ascender Mountain Climber's	8465-14-521-8643	Ascender		F6995	Petzl Distribution	819AVA	5	5	0	5	5	0
117	Brake Climbing Rope	8465-14-521-8643	Rope Clamp		F6995	Petzl Distribution	803	5	5	0	2	2	0
118	Ascender Mountain Climbing	8465-14-521-8643	Rope Clamp		F6995	Petzl Distribution	803	5	5	0	2	2	0
119	Anchor Plate Wire Rope Assembly	4030-14-575-2151	Rigging Plate (S)		F6995	Petzl Distribution	P63 SN	60	0	60	25	5	20
120	Anchor Plate Wire Rope Assembly	4030-14-575-0021	Rigging Plate (M)		F6995	Petzl Distribution	P63 MN	10	0	10	22	2	20
121	Anchor Plate Wire Rope Assembly	4030-14-575-0025	Rigging Plate (L)		F6995	Petzl Distribution	P63 LN	10	0	10	22	2	20
122	Pulley Single	8465-01-616-9388	Pulley Single		7W905	CMC Rescue Inc	300441	0	0	0	7	2	5
123	Carabiner quickdraw	8465-01-616-9372	Carabiner quickdraw		0LD59	Black Diamond Equipment Ltd	BD3810590000ALL1	30	0	30	70	50	20
124	Snaps Link Rappel	8465-01-616-9372	Carabiner quickdraw		0LD59	Black Diamond Equipment Ltd	BD3810590000ALL1	30	0	30	70	50	20
125	Pulley Groove	3020-14-532-1850	Knot Passing Pulley		F6995	Petzl Distribution	P67	0	0	0	7	2	5
126	Pulley Groove	3020-14-543-5070	Double Mini PMP		F6995	Petzl Distribution	P66A	5	0	5	32	2	30
127	Pulley Groove	3020-14-560-0811	Large PMP		F6995	Petzl Distribution	P66A	0	0	0	22	2	20
128	Bag Duffel	8465-01-617-4878	Tandem Pulley		F6995	Petzl Distribution	P21	0	0	0	22	2	20
129	Rope Guard	8465-01-617-4878	Haul Bag		05ZC3	Black Diamond Equipment Ltd	BD3102800000ALL1	13	3	10	7	2	5
130	Protector Cord	4030-14-573-3495	Edge Protection		1F114	Evac Systems Fire and Rescue Equipment Inc	EP965	20	0	20	12	0	12
131	Anchor Device	8465-14-558-7365	Rope Protector		F6995	Petzl Distribution	C45 N	30	0	30	14	2	12
132	Anchor Device	8465-14-558-7365	Anchor Device		F6995	Petzl Distribution	P32	10	10	0	10	10	0
133	Swivel Eye and Link	4030-14-557-2709	Anchor Device		F6995	Petzl Distribution	P33	10	10	0	10	10	0
134	Swivel Eye and Link	4030-14-575-2156	Swivels		F6995	Petzl Distribution	P58 L	0	0	0	6	1	5
135	Rescue Carabiner	8465-01-619-5398	Rescue Carabiner		6VZ76	SMC Quality Gears for Life	P58S	0	0	0	6	1	5
136	Rescue Carabiner	8465-01-619-5398	Rescue Carabiner		7W905	CMC Quality Gears for Life	NFP21001	10	10	0	5	5	0
137	Rescue Carabiner	8465-01-619-5398	Rescue Carabiner		7W905	CMC Quality Gears for Life	300233	10	10	0	5	5	0
138	Rescue Seal	4240-14-542-3306	Rescue Seal		F6995	Petzl Distribution	C60 BR	10	0	10	9	1	8
139	Single Point Suspension	8465-01-618-9921	Double Porta Ledge		0LD59	Black Diamond Equipment Ltd	BD3104610000ALL1	6	1	5	1	1	0
140	Single Point Suspension	8465-01-618-9921	Single Porta Ledge		0LD59	Black Diamond Equipment Ltd	BD3104610000ALL1	7	2	5	1	1	0
141	Wedding Tackle Integral Locking Loop	8465-01-618-9921	Ice Axe		0LD59	Black Diamond Equipment Ltd	BD410157000055.1	5	0	5	7	5	2
142	Piton Mountain	8465-14-575-5627	Ice Ax Leashes		F6995	Petzl Distribution	BD410157000055.1	0	0	0	7	5	2
143	Piton Mountain	8465-14-542-1553	Ice Screw		F6995	Petzl Distribution	P70A 100	10	5	5	10	5	5
144	Piton Mountain	8465-14-542-1554	Ice Screw		F6995	Petzl Distribution	P70A 130	10	5	5	10	5	5
145	Piton Mountain	8465-14-542-1555	Ice Screw		F6995	Petzl Distribution	P70A 170	10	5	5	10	5	5
146	Piton Mountain	8465-14-576-2089	Ice Screw		F6995	Petzl Distribution	P71A 130	10	0	10	5	0	5
147	Piton Mountain	8465-14-576-2089	Ice Screw		F6995	Petzl Distribution	P71A 170	15	0	15	5	0	5
148	Clamber Equipment Set	8465-14-576-2089	Ice Screw		F6995	Petzl Distribution	P71A 210	15	0	15	5	0	5
149	Receiver Transmitter Radio	5920-12-361-0110	V-Thread hooker		F6995	Petzl Distribution	04850	10	0	10	7	2	5
150	Shovel Hand	4240-01-619-6310	Avalanche Transceiver		0LD59	Mountain Equipment C-OP	5034-085	25	10	15	7	5	2
151	Measuring Instrument Multi Function	6695-01-616-9578	Snow Study Kit		3C096	BACKCOUNTRY ACCESS INC.	BD1027840000ALL1	10	0	10	7	5	2
152	Slope Meter	6695-01-617-1306	Inclinometer		3C096	BACKCOUNTRY ACCESS INC.	BCA2850	10	5	5	4	2	2
153	Light Head General Purpose	6230-14-555-3840	Light Head		F6995	Petzl Distribution	BKR0019	15	5	10	4	2	2
154	Carabiner Auto-Lock	8465-20-006-3095	Auto-Lock		1JUE5	Miller-Daloz Fall Protection Company	E89P	10	10	0	5	5	0
155	Energy Absorber	4240-14-542-3303	Energy Absorber		F6995	Petzl Distribution	17D-1	0	0	0	2	1	1
156	Snaps Link Rappel	8465-01-627-1745	Energy Absorber		F6995	Petzl Distribution	67800	5	5	5	5	5	0
157	Snaps Link Rappel	8465-01-627-1745	Energy Absorber		F6995	Petzl Distribution	67800	5	5	5	5	5	0
158	Tubular Nylon	8305-01-627-3870	Tubular Nylon		U6002	DMM International Ltd	A272	65	5	60	52	2	50
159	Snow Guide Probe	8340-01-628-0780	Snow Guide Probe		0LD59	Black Diamond Equipment Ltd	WB24MS 091	4	4	0	15	5	10
160	Picket Snow Anchor	4030-01-628-5272	Picket Snow Anchor		U6002	DMM International Ltd	BD1091030000ALL1	20	10	10	7	2	5
161	Anchor Guy	8465-01-628-4782	Anchor Guy		U6002	DMM International Ltd	162024	0	0	0	7	5	2
162	Ice Crampion	8465-01-628-0769	Ice Crampion		0LD59	Black Diamond Equipment Ltd	A1300	10	0	10	4	2	2
							BD4000410000ALL1	0	0	0	5	5	0

ANNEX B: APPENDIX 2

PERFORMANCE REQUIREMENTS

FOR

ALLOWABLE SUBSTITUTE ITEMS

22 DEC 2015



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.

All substituted items must be NFPA, UIAA, CE or ANSI approved.**1. Harness Mountain Climbing (No Substitute)****4240-14-558-2417****Design:** Rescue Harness**Specifications:**

Material(s): Polyester and Dyneema attachment point, nylon webbing

Color(s): Brown/Grey

Waist belt: No less than 60cm

Leg loop max: No more than 68cm

Weight: No more than 410g

Certifications: CE, EN 12277 type C, UIAA 105

Mandatory Part Number: C29 (Petzl Distributions)**2. Harness Mountain Climbing (No Substitute)****4240-14-548-7343****Design:** Rescue Harness**Specifications:**

Size: 1

Material: Nylon, polyester, aluminum, steel

4 equipment points, 2 large in front, 2 small ones in back

Waist Belt: 70-120 cm

Leg Loops: 50-65 cm

Weight: no more than 820 g

Certifications; CE EN 813, CE EN 358, CE EN 12277 type C

Mandatory Part Number: C38CAA 1 (Petzl Distributions)

3. Harness Mountain Climbing (No Substitute)**4240-14-548-7345****Design:** Rescue Harness**Specifications:**

Size: 2

Material: Nylon, polyester, aluminum, steel

4 equipment points, 2 large in front, 2 small ones in back

Waist Belt: 70-120 cm

Leg Loops: 50-65 cm

Weight: no more than 820 g

Certifications; CE EN 813, CE EN 358, CE EN 12277 type C

Mandatory Part Number: C38CAA 2 (Petzl Distributions)**4. Belay Device, Mountaineering (No Substitute)****8465-01-614-1590****Design:** Belay/rappel device, ATC-Guide**Specifications:**

Material: Aluminum

Multiple friction modes

Enlarged auto-block release hole to accept small carabiner

Single rope between 7.7mm to 11mm in diameter

Weight: Not more than 90g

Mandatory Part Number: BD620055 (Black Diamond Equipment Ltd)**5. Snap Link Mountain Piton (No Substitute)****8465-21-896-8280****Design:** Snap Link Mountain Piton**Specifications:**

Material: Steel

Locking System: Claw snap and screw-gate

Diameter: 12mm

Mandatory Part Number: 9820-02 (Stubai Werkzeugindustrie Reg Gen MBH)

6. Snap Link Mountain Piton (No Substitute)**8465-14-575-2163****Design:** High-strength VULCAN Carabiners w/TRIACT-LOCK**Specifications:**

Colour; Gold

Major axis strength; min. 40 kN

Minor axis strength; min 16 kN

Open Gate Strength; min 11 kN

Weight; max 320 g

Certifications; CE EN 362, ANSI Z359.1, NFPA 1983 General Use, CSA

Z259.12, EAC

Mandatory Part Number: M73-TLA (Petzl Distribution)**7. Rope Fibrous (No Substitute)****4020-01-624-8536****Design:** Dynamic, 10.5 mm kernmantle**Specifications:**

Density: No more than 76 g/m

Length: 60 m

Type: Dynamic

Diameter: 10.5 mm

Breaking strength: No less than 16 kN

Standard: EN 892 UIAA 101

Acceptable Part Number: Glider-10.5MM-60M (Teufelberger Fibre Rope Corp)**8. Harness Safety Industrial****4240-01-611-6986****Design:** Rescue Harness**Specifications:**

Colour: Black

Weight: No more than 1 lb, 9 oz

One size fully adjustable

Cam-lock buckles for leg adjustment

Certifications: ASTM F1772/UIAA105, ANSI /OSHA Class II harness standards

Acceptable Part Number: 310 (Yates Gears Inc)

9. Mountain Climbing Helmet**8415-01-618-9823**

Design: Half Dome shape helmet with Headlamp clips

Specifications:

Weight: Not more than 320 g (S/M)

Size: 46-58 cm S/M

Certification: EN 12492, UIAA 106

Acceptable Part Number: BD620206BLZZS_M1 (Black Diamond Equipment Ltd)

10. Mountain Climbing Helmet**8415-20-A0H-3549**

Design: Half Dome shape helmet with headlamp clips

Specifications:

Weight: Not more than 360 g (M/L)

Size: 52-64 cm M/L

Certification: EN 12492, UIAA 106

Acceptable Part Number: BD620206BLZZM_L1 (Black Diamond Equipment Ltd)

11. Mini Pulley, Lightweight Color Orange**8465-14-576-2173**

Design: Belay Device with assisted braking. Assisted braking during the fall arrest and allows control during descent. One hand holds the rope and the other uses the handle to unlock the cam.

Specifications:

Weight: Not more than 175 G

Single rope between 8.9 and 11mm in diameter

Material: aluminum side plates

Stainless steel cam and friction plate

Reinforced nylon handle

Certification(s): CE EN 15151, UIAA 129

Acceptable Part Number: D14 (Petzl Distributions)

12. Descender Mountain Climbers**8465-20-001-0465**

Design: Figure 8 Belay and Rappel Device

Specification:

Weight: Not more than 115 g, 3.7 oz

Breaking Strength: No less than 35 kN

Acceptable Part Number: OPFIG8-1 (Omega Pacific Inc)

13. Snap Link Piton**8465-14-575-5648**

Design: Carabineer to facilitate clipping and unclipping the anchor.

Specifications:

Material: Aluminum

Version Bent gate

Weight: Not more than 41 g

Major axis strength: No less than 20 kN

Open gate strength: No less than 8 kN

Minor axis strength: No less than 8 kN

Certification(s): CE EN 12275 type B, UIAA

Acceptable Part Number: M53 B (Petzl Distributions)

14. Carabineer Locking**8465-01-585-3322**

Design: Pear shaped, connecting a belay device to a harness, belaying with a Munter hitch.

Specifications:

Material: Aluminium

Weight: Not more than 65 g

Locking System: Screw-lock

Major axis strength: No less than 21 kN

Open Gate strength: No less than 6 kN

Minor axis strength: No less than 6 kN

Gate opening: between 20-25mm

Certifications: CE EN 362, CE EN 12275 type H, UIAA 121

Acceptable Part Number: M38A SL (Petzl Distributions)

15. Snap Link Mountain Climbing**8465-20-A0H-1109**

Design: Pear shaped carabineer for belay stations and belaying with Munter hitch.

Specifications:

Material: Aluminium

Weight: No more than 88 g

Locking System: Screw-lock

Major axis strength: No less than 25 kN

Open Gate strength: No less than 7 kN

Minor axis strength: No less than 7 kN

Gate opening: between 22-25mm

Certifications: CE EN 362, CE EN 12275 type H, UIAA 121

Acceptable Part Number: M36 SL (Petzl Distributions)

16. Snap Link Mountain Piton**8465-21-896-8242**

Design: Snap Link Mountain Piton

Specifications:

Material: Aluminium

Locking System: Locking gate

Minimum breaking strength: No less than 24 kN (5,500 lbs)

Long: 119.5mm

Wide: between 56-59mm

Diameter: 11mm

Gate opening: between 17-19mm

Acceptable Part Number: K-5022 (Dibblee Tools Ltd)

17. Packing Carabineer**8465-01-617-0550****Design:** Snap Link Mountain Piton**Specifications:**

Open gate strength: No less than 7 kN

Closed gate strength: No less than 24 kN

Weight: Not more than 40 g

Gate opening: between 20-24mm

Min Axis strength: No less than 7 kN

Certification: UIAA 121

Acceptable Part Number: BD210230REDDALL1 (Black Diamond Equipment Ltd)**18. Pulley fixed****3940-01-578-6866****Design:** Mini lightweight Prusik pulley**Specifications:**

Weight: Not more than 90g

Min rope diameter: 7 mm

Max rope diameter: 11 mm

Sheave diameter: 25 mm

Working load: No less than 5 kN

Breaking strength: No less than 21 kN

Material: Aluminum side plates

Certification: CE EN 12278, UIAA 127

Acceptable Part Number: P59A (Petzl Distributions)**19. Rope Fibrous****4020-01-619-7836****Design:** Static Cord, 5 mm kernmantle**Specifications:**

Density: No more than 22 g/m

Length: 100 m

Type Static

Diameter: 5mm

Breaking strength: No less than 4.2 kN

Acceptable Part Number: AN50_0100 (Sterling Ropes)

20. Rope Fibrous**4020-01-616-9445**

Design: Static Cord, 6 mm kernmantle

Specifications:

Density: No more than 28 g/m

Length: 100 mr

Type Static

Diameter: 6mm

Breaking strength: No less than 8.0 kN

Acceptable Part Number: AN60_0100 (Sterling Ropes)

21. Rope Fibrous**4020-01-619-7837**

Design: Static Cord, 7 mm kernmantle

Specifications:

Density: No more than 36 g/m

Length: 200 mr

Type Static

Diameter: 7mm

Breaking strength: No less than 11.5 kN

Acceptable Part Number: AN70_0200 (Sterling Ropes)

22. Rope Fibrous**4020-01-619-7832**

Design: Static Cord, 8 mm kernmantle (static)

Specifications:

Density: No more than 46 g/m

Length: 150 Feet

Type Static

Diameter: 8mm

Breaking strength: No less than 13.5 kN

Acceptable Part Number: A08032_200 (Sterling Ropes)

23. Rope Fibrous**4020-01-613-8096**

Design: Static Cord, 11 mm kernmantle (static)

Specifications:

Density: No more than 105 g/m

Length: 150 Feet

Type Static

Diameter: 11mm

Breaking strength: No less than 31.5 kN

Acceptable Part Number: 3302-14-00300 (New England Rope Corp)

24. Rope Fibrous**4020-01-619-9707**

Design: Dynamic, 9.9 mm kernmantle

Specifications:

Density: No more than 67 g/m

Length: 60 m

Type: Dynamic

Diameter: 9.9 mm

Breaking strength: No less than 8.0 kN

Acceptable Part Number: Glider-60M (New England Rope Corp)

25. Strap Webbing**8465-01-619-6312**

Design: Low profile and lightweight are for extending gears placement and anchors.

Specifications:

Length: 30cm

Density: Not more than 13g

Strength: Not less than 22 kN

Material: Dynex

Certification: UIAA 104

Acceptable Part Number: BD3800300000ALL1 (Black Diamond Equipment Ltd)

26. Strap Webbing**8465-01-616-7447**

Design: Low profile and lightweight are for extending gears placement and anchors.

Specifications:

Length: 60 cm

Density: Not more than 21g

Strength: Not less than 22 kN

Material: Dynex

Certification: UIAA 104

Acceptable Part Number: BD3800310000ALL1 (Black Diamond Equipment Ltd)

27. Strap Webbing**8465-01-624-9815**

Design: Low profile and lightweight are for extending gears placement and anchors.

Specifications:

Length: 120 cm

Density: Not more than 41g

Strength: Not less than 22 kN

Material: Dynex

Certification: UIAA 104

Acceptable Part Number: BD3800320000ALL1 (Black Diamond Equipment Ltd)

28. Strap Webbing**8465-01-619-6311**

Design: Low profile and lightweight are for extending gears placement and anchors.

Specifications:

Length: 240 cm

Density: Not more than 78g

Strength: Not less than 22 kN

Material: Dynex

Certification: UIAA 104

Acceptable Part Number: BD3800330000ALL1 (Black Diamond Equipment Ltd)

29. Camming Unit**8465-01-618-5480**

Design: Double axles design allows retraction of larger cam lobes giving them a much larger expansion range than traditional single axle units

Specifications:

Size: 0.5

Weight: Not more than 100g

Strength: No less than 12 kN

Range: 19.6-33.5mm

Acceptable Part Number: BD2621050000ALL1 (Black Diamond Equipment Ltd)

30. Camming Unit**8465-01-618-5477**

Design: Double axles design allows retraction of larger cam lobes giving them a much larger expansion range than traditional single axle units

Specifications:

Size: 0.75

Weight: Not more than 120g

Strength: No less than 14 kN

Range: 23.9-41.2mm

Acceptable Part Number: BD2621070000ALL1 (Black Diamond Equipment Ltd)

31. Camming Unit**8465-01-618-5481**

Design: Double axles design allows retraction of larger cam lobes giving them a much larger expansion range than traditional single axle units

Specifications:

Size: 1

Weight: Not more than 137g

Strength: No less than 14 kN

Range: 19.6-33.5mm

Acceptable Part Number: BD2621100000ALL1 (Black Diamond Equipment Ltd)

32. Camming Unit**8465-01-618-5478**

Design: Double axles design allows retraction of larger cam lobes giving them a much larger expansion range than traditional single axle units

Specifications:

Size: 2

Weight: Not more than 156g

Strength: No less than 14 kN

Range: 37.2-64.9mm

Acceptable Part Number: BD2621200000ALL1 (Black Diamond Equipment Ltd)

33. Camming Unit**8465-01-618-5476**

Design: Double axles design allows retraction of larger cam lobes giving them a much larger expansion range than traditional single axle units

Specifications:

Size: 3

Weight: Not more than 202g

Strength: No less than 14 kN

Range: 50.7-87.9mm

Acceptable Part Number: BD2621300000ALL1 (Black Diamond Equipment Ltd)

34. Camming Unit**8465-01-618-5479**

Design: Double axles design allows retraction of larger cam lobes giving them a much larger expansion range than traditional single axle units.

Specifications:

Size: 4

Weight: Not more than 290g

Strength: No less than 14 kN

Range: 66.0-114.7mm

Acceptable Part Number: BD2621400000ALL1 (Black Diamond Equipment Ltd)

35. Master Cam Device**8465-01-616-8523**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 11mm

Color: Gray

Size: 00

Strength: No less than 5 kN

Weight: Not more than 55g

Acceptable Part Number: MASS100 (Metolius Mountain Products Inc)

36. Master Cam Device**8465-01-616-8522**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 11mm

Color: Purple

Size: 0

Strength: No less than 5 kN

Weight: Not more than 65g

Acceptable Part Number: MAST100 (Metolius Mountain Products Inc)

37. Master Cam Device**8465-01-616-8521**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 11mm

Color: Blue

Size: 1

Strength: No less than 8 kN

Weight: Not more than 68g

Acceptable Part Number: MAST101 (Metolius Mountain Products Inc)

38. Master Cam Device**8465-01-616-8520**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 11mm

Color: Yellow

Size: 2

Strength: No less than 10 kN

Weight: Not more than 70g

Acceptable Part Number: MAST102 (Metolius Mountain Products Inc)

39. Master Cam Device**8465-01-616-8518**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 11mm

Color: Orange

Size: 3

Strength: No less than 10 kN

Weight: Not more than 82g

Acceptable Part Number: MAST103 (Metolius Mountain Products Inc)

40. Master Cam Device**8465-01-616-8517**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 11mm

Color: Red

Size: 4

Strength: No less than 10 kN

Weight: Not more than 90g

Acceptable Part Number: MAST104 (Metolius Mountain Products Inc)

41. Master Cam Device**8465-01-616-8515**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 11mm

Color: Black

Size: 5

Strength: No less than 10 kN

Weight: Not more than 98g

Acceptable Part Number: MAST105 (Metolius Mountain Products Inc)

42. Master Cam Device**8465-01-616-8514**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 11mm

Color: Green

Size: 6

Strength: No less than 10 kN

Weight: Not more than 110g

Certified: CE, UIAA

Acceptable Part Number: MAST106 (Metolius Mountain Products Inc)

43. Climber's Equipment Set**8465-01-616-7253**

Design: On a single axle design with a camming ratio of over 2.5:1

Specifications:

Weight: Not more than 95g

Length: 164mm

Width: 46mm

Strength: No less than 8 kN

Range: 13.5-35.0mm

Size: #.5

Certification: CE, UIAA 125

Acceptable Part Number: OPLC050 (Omega Pacific Inc)

44. Climber's Equipment Set**8465-01-616-7254**

Design: On a single axle design with a camming ratio of over 2.5:1

Specifications:

Weight: Not more than 113g

Length: 169.8mm

Width: 48.8mm

Strength: No less than 10 kN

Range: 17.8-44.5mm

Size: #.75

Certification: CE, UIAA 125

Acceptable Part Number: OPLC075 (Omega Pacific Inc)

45. Climber's Equipment Set**8465-01-620-4191**

Design: On a single axle design with a camming ratio of over 2.5:1

Specifications:

Weight: Not more than 176g

Length: 171mm

Width: 63mm

Strength: No less than 14 kN

Range: 21.1-53.3mm

Size: #1

Certification: CE, UIAA 125

Acceptable Part Number: OPLC1 (Omega Pacific Inc)

46. Climber's Equipment Set**8465-01-620-4154**

Design: On a single axle design with a camming ratio of over 2.5:1

Specifications:

Weight: Not more than 207g

Length: 191mm

Width: 63mm

Strength: No less than 14 kN

Range: 25.4-64mm

Size: #2

Certification: CE, UIAA 125

Acceptable Part Number: OPLC2 (Omega Pacific Inc)

47. Camming Device Ultr**8465-01-617-2671**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 13mm

Color: Gray

Size: 00

Strength: No less than 5 kN

Weight: Not more than 41g

Acceptable Part Number: UTCT100 (Metolius Mountain Products Inc)

48. Camming Device Ultr**8465-01-617-2674**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 13mm

Color: Purple

Size: 0

Strength: No less than 5 kN

Weight: Not more than 43g

Acceptable Part Number: UTCU100 (Metolius Mountain Products Inc)

49. Camming Device Ultr**8465-01-617-2675**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 13mm

Color: Blue

Size: 1

Strength: No less than 8 kN

Weight: Not more than 50g

Acceptable Part Number: UTCU101 (Metolius Mountain Products Inc)

50. Camming Device Ultr**8465-01-617-2678**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 13mm

Color: Yellow

Size: 2

Strength: No less than 10 kN

Weight: Not more than 57g

Acceptable Part Number: UTCU102 (Metolius Mountain Products Inc)

51. Camming Device Ultr**8465-01-617-2681**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 13mm

Color: Orange

Size: 3

Strength: No less than 10 kN

Weight: Not more than 59g

Acceptable Part Number: UTCU103 (Metolius Mountain Products Inc)

52. Camming Device Ultr**8465-01-617-2683**

Design: A flexible single stem unit with an ultra-narrow head width for hard aid or free climbing.

Specifications:

Material: 7075-T6 aluminum

Sling webbing size: 13mm

Color: Red

Size: 4

Strength: No less than 10 kN

Weight: Not more than 68g

Acceptable Part Number: UTCU104 (Metolius Mountain Products Inc)

53. TRICAM**8465-01-652-2927**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 0.125

Color: White

Range: 10-17mm

kN Cam: No less than 3

kN Chock: No less than 2

Weight: Not more than 11g

Acceptable Part Number: 9470125 (CAMP)

54. TRICAM**8465-01-652-2929**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 0.25

Color: Black

Range: 12-22mm

kN Cam: No less than 5

kN Chock: No less than 5

Weight: Not more than 21g

Acceptable Part Number: 947025 (CAMP)

55. TRICAM**8465-01-624-2009**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 0.5

Color: Pink

Range: 18-27mm

kN Cam: No less than 9

kN Chock: No less than 7

Weight: Not more than 28g

Acceptable Part Number: 94705 (CAMP)

56. TRICAM**8465-01-619-6724**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 1.0

Color: Red

Range: 20-32mm

kN Cam: No less than 10

kN Chock: No less than 8

Weight: Not more than 40g

Acceptable Part Number: 94710 (CAMP)

57. TRICAM**8465-01-619-6720**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 1.5

Color: Brown

Range: 24-40mm

kN Cam: No less than 14

kN Chock: No less than 14

Weight: Not more than 55g

Acceptable Part Number: 94715 (CAMP)

58. TRICAM**8465-01-619-6726**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 2.0

Color: Purple

Range: 27-43mm

kN Cam: No less than 14

kN Chock: No less than 14

Weight: Not more than 60g

Acceptable Part Number: 94720 (CAMP)

59. TRICAM**8465-01-619-6722**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 2.5

Color: Blue

Range: 30-50mm

kN Cam: No less than 15

kN Chock: No less than 15

Weight: Not more than 80g

Acceptable Part Number: 92325 (CAMP)

60. TRICAM**8465-01-624-2008**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 3.0

Color: Dark Blue

Range: 36-56mm

kN Cam: No less than 16

kN Chock: No less than 11

Weight: Not more than 95g

Acceptable Part Number: 92330 (CAMP)

61. TRICAM**8465-01-652-2923**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 3.5

Color: Light Grey

Range: 40-65mm

kN Cam: No less than 18

kN Chock: No less than 18

Weight: Not more than 120g

Acceptable Part Number: 92335 (CAMP)

62. TRICAM**8465-01-643-6206**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 4.0

Color: Green

Range: 40-70mm

kN Cam: No less than 18

kN Chock: No less than 18

Weight: Not more than 114g

Acceptable Part Number: 92340 (CAMP)

63. TRICAM**8465-01-643-6210**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 5.0

Color: Orange

Range: 55-90mm

kN Cam: No less than 22

kN Chock: No less than 22

Weight: Not more than 130g

Acceptable Part Number: 92350 (CAMP)

64. TRICAM**8465-01-643-6204**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 6.0

Color: Yellow

Range: 70-110mm

kN Cam: No less than 18

kN Chock: No less than 18

Weight: Not more than 210g

Acceptable Part Number: 92360 (CAMP)

65. TRICAM**8465-01-643-6208**

Design: For anchor chock in horizontal cracks.

Specifications:

Size: 7.0

Color: Dark Yellow

Range: 90-140mm

kN Cam: No less than 16

kN Chock: No less than 16

Weight: Not more than 270g

Acceptable Part Number: 92370 (CAMP)

66. Stopper Mountain Set**8465-01-619-0473**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Aluminum Heads and steel cables

Size: 1

Strength: No less than 2 kN, 450 lb (size 1-2)

Acceptable Part Number: BD2252010000ALL1 (Black Diamond Equipment Ltd)

67. Stopper Mountain Set**8465-01-619-0475**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Aluminum Heads and steel cables

Size: 2

Strength: No less than 2 kN, 450 lb (size 1-2)

Acceptable Part Number: BD2252020000ALL1 (Black Diamond Equipment Ltd)

68. Stopper Mountain Set**8465-01-619-0476**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Aluminum Heads and steel cables

Size: 3

Strength: No less than 5 kN, 1124 lb (size 3-5)

Acceptable Part Number: BD2252030000ALL1 (Black Diamond Equipment Ltd)

69. Stopper Mountain Set**8465-01-619-0477**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Aluminum Heads and steel cables

Size: 4

Strength: No less than 6 kN, 1349 lb (size 4-5)

Acceptable Part Number: BD2252040000ALL1 (Black Diamond Equipment Ltd)

70. Stopper Mountain Set**8465-01-619-0478**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Aluminum Heads and steel cables

Size: 5

Strength: No less than 6 kN, 1349 lb (size 3-5)

Acceptable Part Number: BD2252050000ALL1 (Black Diamond Equipment Ltd)

71. Stopper Mountain Set**8465-01-619-0493**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Aluminum Heads and steel cables

Size: 6

Strength: No less than 10 kN, 2248 lb (size 6-12)

Acceptable Part Number: BD2252060000ALL1 (Black Diamond Equipment Ltd)

72. Stopper Mountain Set**8465-01-619-0482**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Aluminum Heads and steel cables

Size: 7

Strength: No less than 10 kN, 2248 lb (size 6-12)

Acceptable Part Number: BD2252070000ALL1 (Black Diamond Equipment Ltd)

73. Stopper Mountain Set**8465-01-619-0483**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Aluminum Heads and steel cables

Size: 8

Strength: No less than 10 kN, 2248 lb (size 6-12)

Acceptable Part Number: BD2252080000ALL1 (Black Diamond Equipment Ltd)

74. Stopper Mountain Set**8465-01-619-0484**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Aluminum Heads and steel cables

Size: 9

Strength: No less than 10 kN, 2248 lb (size 6-12)

Acceptable Part Number: BD2252090000ALL1 (Black Diamond Equipment Ltd)

75. Stopper Mountain Set**8465-01-619-0485**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Aluminum Heads and steel cables

Size: 10

Strength: No less than 10 kN, 2248 lb (size 6-12)

Acceptable Part Number: BD2252100000ALL1 (Black Diamond Equipment Ltd)

76. Stopper Mountain Set**8465-01-619-0488**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Aluminum Heads and steel cables

Size: 11

Strength: 10 kN, 2248 lb (size 6-12)

Acceptable Part Number: BD2252110000ALL1 (Black Diamond Equipment Ltd)

77. Stopper Mountain Set**8465-01-619-0489**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Aluminum Heads and steel cables

Size: 12

Strength: No less than 10 kN, 2248 lb (size 6-12)

Acceptable Part Number: BD2252120000ALL1 (Black Diamond Equipment Ltd)

78. Stopper Mountain Set**8465-20-A0H-2602**

Design: Designed with a transverse taper that permits sideways placement in flares and shallow seams.

Specifications:

Material: Cables steel aluminum heads

Size: 13

Dimension: 26.4/35.1mm

Acceptable Part Number: BD2252130000ALL1 (Black Diamond Equipment Ltd)

79. Stopper Mountain**8465-01-616-4541****Design:** Wired Hexentrics**Specifications:**

Material: 6061 T6 aluminum heads and galvanized steel cables

Size: 1

Strength: No less than 6 kN, 1349 lb

Acceptable Part Number: BD2202010000ALL1 (Black Diamond Equipment Ltd)**80. Stopper Mountain****8465-01-652-0017****Design:** Wired Hexentrics**Specifications:**

Material: 6061 T6 aluminum heads and galvanized steel cables

Size: 2

Strength: No less than 6 kN, 1349 lb

Acceptable Part Number: BD2202020000ALL1 (Black Diamond Equipment Ltd)**81. Stopper Mountain****8465-01-652-0014****Design:** Wired Hexentrics**Specifications:**

Material: 6061 T6 aluminum heads and galvanized steel cables

Size: 3

Strength: No less than 6 kN, 1349 lb

Acceptable Part Number: BD2202030000ALL1 (Black Diamond Equipment Ltd)

82. Stopper Mountain**8465-01-652-0011****Design:** Wired Hexentrics**Specifications:**

Material: 6061 T6 aluminum heads and galvanized steel cables

Size: 4

Strength: No less than 10 kN, (2248 lbf)

Acceptable Part Number: BD2202040000ALL1 (Black Diamond Equipment Ltd)**83. Stopper Mountain****8465-01-652-0012****Design:** Wired Hexentrics**Specifications:**

Material: 6061 T6 aluminum heads and galvanized steel cables

Size: 5

Strength: No less than 10 kN, (2248 lbf)

Acceptable Part Number: BD2202050000ALL1 (Black Diamond Equipment Ltd)**84. Stopper Mountain****8465-01-652-0007****Design:** Wired Hexentrics**Specifications:**

Material: 6061 T6 aluminum heads and galvanized steel cables

Size: 6

Strength: No less than 10 kN, (2248 lbf)

Acceptable Part Number: BD2202060000ALL1 (Black Diamond Equipment Ltd)

85. Stopper Mountain**8465-01-652-0008****Design:** Wired Hexentrics**Specifications:**

Material: 6061 T6 aluminum heads and galvanized steel cables

Size: 7

Strength: No less than 10 kN, (2248 lbf)

Acceptable Part Number: BD2202070000ALL1 (Black Diamond Equipment Ltd)**86. Stopper Mountain****8465-01-652-0009****Design:** Wired Hexentrics**Specifications:**

Material: 6061 T6 aluminum heads and galvanized steel cables

Size: 8

Strength: No less than 10 kN, (2248 lbf)

Acceptable Part Number: BD2202080000ALL1 (Black Diamond Equipment Ltd)**87. Stopper Mountain****8465-01-616-4539****Design:** Wired Hexentrics**Specifications:**

Material: 6061 T6 aluminum heads and galvanized steel cables

Size: 9

Strength: No less than 10 kN, (2248 lbf)

Acceptable Part Number: BD2202090000ALL1 (Black Diamond Equipment Ltd)

88. Stopper Mountain**8465-01-652-0006****Design:** Wired Hexentrics**Specifications:**

Material: 6061 T6 aluminum heads and galvanized steel cables

Size: 10

Strength: No less than 10 kN, (2248 lbf)

Acceptable Part Number: BD2202100000ALL1 (Black Diamond Equipment Ltd)**89. Stopper Mountain****8465-01-652-0004****Design:** Wired Hexentrics**Specifications:**

Material: 6061 T6 aluminum heads and galvanized steel cables

Size: 11

Strength: No less than 10 kN, (2248 lbf)

Acceptable Part Number: BD2202110000ALL1 (Black Diamond Equipment Ltd)**90. Anchor Mountain****8465-01-582-5611****Design:** Tool Kit to free fixed nuts, retrieve deeply buried cams.**Specifications:****Weight:** No more than 44g**Acceptable Part Number:** BD6200600000ALL1 (Black Diamond Equipment Ltd)

91. Piton Mountain**8465-14-572-8299**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chromoly steel

Piton type: Livanos Knife Blade

Length: 4cm

Certification: CE

Acceptable Part Number: 65504 (Petlz Distribution)

92. Piton Mountain**8465-14-572-8301**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chromoly steel

Piton type: Livanos Knife Blade

Length: 6cm

Certification: CE

Acceptable Part Number: 65506 (Petlz Distribution)

93. Piton Mountain**8465-14-572-8303**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chromoly steel

Piton type: Livanos Knife Blade

Length: 8cm

Weight: No more than 48g

Certification: CE

Acceptable Part Number: 65508 (Petlz Distribution)

94. Piton Mountain**8465-14-559-7497**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Steel

Piton type: Rocher Mixte

Length: 6cm

Certification: CE

Acceptable Part Number: 65106 (Petlz Distribution)

95. Piton Mountain**8465-14-559-7505**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Steel

Piton type: Rocher Mixte

Length: 8cm

Weight: No more than 90g

Certification: CE

Acceptable Part Number: 65108 (Petlz Distribution)

96. Piton Mountain**8465-14-559-7506**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Steel

Piton type: Rocher Mixte

Length: 10cm

Certification: CE

Acceptable Part Number: 65110 (Petlz Distribution)

97. Piton Mountain**8465-14-572-8304**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chromoly steel

Piton type: Livanos Knife Blade

Length: 10cm

Certification: CE

Acceptable Part Number: 65510 (Petlz Distribution)

98. Piton Mountain**8465-14-558-3061**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Steel

Piton type: U Piton

Length: 10cm

Weight: No more than 125g

Certification: CE, UIAA

Acceptable Part Number: 65312 (Petlz Distribution)

99. Piton Mountain**8465-14-572-8308**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chromoly steel

Piton type: V Conique Knife Blade

Length: 7cm

Weight: Not more than 95g

Certification: CE

Acceptable Part Number: 66007 (Petlz Distribution)

100. Piton Mountain**8465-14-572-8310**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chromoly steel

Piton type: V Conique Knife Blade

Length: 11cm

Weight: No more than 95g

Certification: CE

Acceptable Part Number: 66011 (Petlz Distribution)

101. Piton Mountain**8465-14-318-7776**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Steel

Piton type: U Piton

Length: 12cm

Certification: CE, UIAA

Acceptable Part Number: 65314 (Petlz Distribution)

102. Piton Mountain**8465-20-001-0269**

Design: Angle Piton for thin crack in granite and hard rock

Specifications:

Material: Steel

Size: 5 Short Medium

Piton type: Bugaboo

Weight: no more than 100 g

Thickness: No Less than 5mm

Certification: CE

Acceptable Part Number: BD5203300000ALL1 (Black Diamond Equipment Ltd)

103. Piton Mountain**8465-20-000-9910**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chrome-moly steel

Size: 1

Piton type: Camp Lost Arrow

Weight: no more than 55 g

Thickness: No Less than 5 mm

Length: No less than 44 mm

Certification: CE

Acceptable Part Number: 1402-015 #1 (Mountain Equipment Co-Op)

104. Piton Mountain**8465-20-000-9911**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chrome-moly steel

Size: 4

Piton type: Camp Lost Arrow

Weight: no more than 105 g

Thickness: No Less than 10.5 mm

Length: No less than 73 mm

Certification: CE

Acceptable Part Number: 1402-015 #4 (Mountain Equipment Co-Op)

105. Piton Mountain**8465-20-000-9912**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chrome-moly steel

Size: 5

Piton type: Camp Lost Arrow

Weight: no more than 86 g

Thickness: No Less than 4.6 mm

Length: No less than 82.5 mm

Certification: CE

Acceptable Part Number: 1402-015 #5 (Mountain Equipment Co-Op)

106. Piton Mountain**8465-20-001-0265**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chrome-moly steel

Size: 6

Piton type: Camp Lost Arrow

Weight: no more than 105 g

Thickness: No Less than 6.3 mm

Length: No less than 85.7 mm

Certification: CE

Acceptable Part Number: 1402-015 #6 (Mountain Equipment Co-Op)

107. Piton Mountain**8465-20-001-0266**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chrome-moly steel

Size: 7

Piton type: Camp Lost Arrow

Weight: no more than 116 g

Thickness: No less than 7.8 mm

Length: No less than 88.9 mm

Certification: CE

Acceptable Part Number: 1402-015 #7 (Mountain Equipment Co-Op)

108. Piton Mountain**8465-20-001-0267**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chrome-moly steel

Size: 8

Piton type: Camp Lost Arrow

Weight: no more than 116 g

Thickness: No less than 7.8 mm

Length: No less than 117.5 mm

Certification: CE

Acceptable Part Number: 1402-015 #8 (Mountain Equipment Co-Op)

109. Piton Mountain**8465-01-625-4518**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chrome-moly steel

Size: 1/2"

Piton type: Angle

Weight: no more than 60 g

Thickness: No less than 12.7 mm

Length: No less than 101.6 mm

Certification: CE

Acceptable Part Number: BD5207100000ALL1 (Black Diamond Equipment Ltd)

110. Piton Mountain**8465-01-625-4279**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chrome-moly steel

Size: 5/8"

Piton type: Angle

Weight: no more than 75 g

Thickness: No less than 15.9 mm

Length: No less than 107.9 mm

Certification: CE

Acceptable Part Number: BD5207200000ALL1 (Black Diamond Equipment Ltd)

111. Piton Mountain**8465-01-625-3792**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chrome-moly steel

Size: ¾"

Piton type: Angle

Weight: no more than 105 g

Thickness: No less than 19 mm

Length: No less than 142.9 mm

Certification: CE

Acceptable Part Number: BD5207300000ALL1 (Black Diamond Equipment Ltd)

112. Piton Mountain**8465-01-625-4277**

Design: Piton for thin crack in granite and hard rock

Specifications:

Material: Chrome-moly steel

Size: 1"

Piton type: Angle

Weight: no more than 130 g

Thickness: No less than 25.4 mm

Length: No less than 142.9 mm

Certification: CE

Acceptable Part Number: BD5207400000ALL1 (Black Diamond Equipment Ltd)

113. Piton Mountain**8465-01-625-4213****Design:** Piton for thin crack in granite and hard rock**Specifications:**

Material: Chrome-moly steel

Size: 1 ¼"

Piton type: Angle

Weight: no more than 145 g

Thickness: No less than 31.7 mm

Length: No less than 142.9 mm

Certification: CE

Acceptable Part Number: BD5207500000ALL1 (Black Diamond Equipment Ltd)**114. Piton Mountain****8465-01-625-4165****Design:** Piton for thin crack in granite and hard rock**Specifications:**

Material: Chrome-moly steel

Size: 1 ½"

Piton type: Angle

Weight: no more than 200 g

Thickness: No less than 38.1 mm

Length: No less than 146 mm

Certification: CE

Acceptable Part Number: BD5207600000ALL1 (Black Diamond Equipment Ltd)**115. Hammer Hand****5120-01-618-9822****Design:** Classic wall hammer**Specifications:**

Material: Cast stainless steel head

Clip-in point for copperhead removal

Webbing length: Not more than 13mm

Oiled hickory handle

Weight: Not more than 800g

Acceptable Part Number: BD5000100000ALL1 (Black Diamond Equipment Ltd)

116. Ascender Mountain Climber's**8465-14-464-6697**

Design: Ultra lightweight ascender can be used to build hauling system.

Specifications:

Weight: Not more than 400g

Large handles

Toothed cam with self-cleaning slot

For use on single 8-13mm ropes

Certifications: CE

Acceptable Part Number: B19AAA (Petlz Distribution)

117. Brake Climbing Rope**8465-14-521-8843**

Design: Back-up rope clamp

Specifications:

Weight: 1 Not more than 90g

Material: aluminum frame

For use on single rope 10-11mm or double ropes 8-11mm

Certification: CE EN 567, UIAA

Acceptable Part Number: B03 (Petlz Distribution)

118. Ascender Mountain Climbing**8465-14-575-2151**

Design: Cam-loaded rope clamp

Specifications:

Weight: Not more than 180g

Rope type and diameter: For single rope 9-13mm in diameter

Certification: CE EN 567

Acceptable Part Number: B53 (Petlz Distribution)

119. Anchor Plate Wire Rope Assembly**4030-14-567-0021**

Design: Three anchor point holes.

Specifications:

Material: aluminum

Weight: Not more than 60g

Size: Small

Breaking strength: No less than 36 kN

Certification: CE.NFPA

Acceptable Part Number: P63 SN (Petlz Distribution)

120. Anchor Plate Wire Rope Assembly**4030-14-567-0025**

Design: Three anchor point holes.

Specifications:

Material: aluminum

Weight: Not more than 220g

Size: Medium

Breaking strength: No less than 36 kN

Certification: CE.NFPA

Acceptable Part Number: P63 MN (Petlz Distribution)

121. Anchor Plate Wire Rope Assembly**4030-14-567-0026**

Design: Three anchor point holes.

Specifications:

Material: aluminum

Weight: Not more than 220g

Size: Large

Breaking strength: No less than 36 kN

Certification: CE.NFPA

Acceptable Part Number: P63 LN (Petlz Distribution)

122. Pulley Single**8465-01-616-9388**

Design: For organizing a lowering system.

Specifications:

Type: Single

Color: Blue

Breaking strength: No less than 43 kN

Weight: Not more than 350g

Features: Anodized aluminum

Sealed ball bearing

Certification: CE EN 12278, UIAA 127

Acceptable Part Number: 300441 (CMC Rescue)

123. Snap Link Rappeller**8465-01-618-9572**

Design: Provided snag-free clipping

Specifications:

Dogbone/Runner Strength: No less than 22 kN

Weight: Not more than 104g

Closed gate strength: Top no less than 25 kN, bottom no less than 24 kN

Open gate strength: Top no less than 8 kN, bottom no less than 8 kN

Minor axis strength: Top no less than 8 kN, bottom no less than 8 kN

Certification: UIAA 121

Acceptable Part Number: BD3810590000ALL1 (Black Diamond Equipment Ltd)

124. Pulley Groove**3020-01-532-1850**

Design: Kootenay Prusik pulley.

Specifications:

Weight: Not more than 1450g

Min. rope diameter: 8mm

Max. rope diameter: 19mm

Sheave type: sealed ball bearings

Sheave diameter: 76mm

Working load: No less than 5 kN x 2=10 kN

Certification: CE EN 12278, UIAA 127

Acceptable Part Number: P67 (Petzl Distribution)

125. Pulley Groove**3020-14-543-5070**

Design: Lightweight double Prusik pulley.

Specifications:

Weight: Not more than 145g

Min. rope diameter: 7mm

Max. rope diameter: 11mm

Sheave type: sealed ball bearings

Sheave diameter: 25mm

Working load: No less than 2 kN x 1.5=5 kN

Certification: CE EN 12278, UIAA 127

Acceptable Part Number: P66A (Petzl Distribution)

126. Pulley Groove**3020-14-560-0811**

Design: High efficiency Prusik pulley.

Specifications:

Weight: Not more than 310g

Min. rope diameter: 7mm

Max. rope diameter: 13mm

Sheave type: sealed ball bearings

Sheave diameter: 51mm

Working load: No less than 4 kN x 2=8 kN

Min. Breaking Strength: 36kN

Certification: CE EN 12278, UIAA 127

Acceptable Part Number: P60A (Petzl Distribution)

127. Pulley Groove**3020-14-547-8623**

Design: Double pulley for use with ropes.

Specifications:

Weight: Not more than 210g

Max. rope diameter: 13mm

Sheave diameter: 21mm

Working load: No less than 10 kN

Breaking strength: No less than 24 kN

Certification: CE EN 12278, UIAA 127

Acceptable Part Number: P21 (Petzl Distribution)

128. Bag Duffel**8465-01-617-4378**

Design: To carry climbing equipment.

Specifications:

Material: Vinyl laminated nylon fabric

Dimension: 40x45x100cm

Weight: Not more than 5 kg

Volume: 145 L

Acceptable Part Number: BD8102800000ALL1 (Black Diamond Equipment Ltd)

129. Rope Guard**8465-01-616-9392**

Design: Protect ropes from abrasions on rough surfaces.

Specifications:

Dimensions: Not more than 20”L x 4”W

Acceptable Part Number: EP065 (Evac Systems)

130. Protector Cord**4030-14-573-3495**

Design: Protect ropes from abrasions on rough surfaces.

Specifications:

Weight: Not more than 105g

Velcro closure

Acceptable Part Number: C45N (Petlz Distribution)

131. Anchor Device Climb**8465-14-558-7365**

Design: Anchor assembly

Specifications:

Material: Stainless Steel

Type: Coeur Goujon Hanger

Weight: Not more than 100g

Length: 55mm

Bolt Diameter : 10 mm

Certification: EN 795A1, EN 959, UIAA 123

Acceptable Part Number: P32 (Petlz Distribution)

132. Anchor Device Climb**8465-14-563-9172**

Design: Anchor assembly

Specifications:

Material: Stainless Steel

Type: Coeur Goujon Hanger

Weight: Not more than 130g

Length: 67mm

Bolt Diameter : 12 mm

Certification: EN 795A1, EN 959, UIAA 123

Acceptable Part Number: P33 (Petlz Distribution)

133. Swivel Eye and Link**4030-14-557-2709**

Design: The swivel allows the load to turn without twisting the rope.

Specifications:

Material: Aluminum, Steel

Weight: Not more than 160g

Breaking strength: No less than 36 kN

Working load: No less than 5 kN

Certification: CE, NFPA 1983-2012 General Use

Acceptable Part Number: P58L (Petlz Distribution)

134. Swivel Eye and Link**4030-14-575-2156**

Design: The swivel allows the load to turn without twisting the rope.

Specifications:

Material: Aluminum, Steel

Weight: Not more than 105g

Breaking strength: No less than 23 kN

Working load: No less than 5 kN

Certification: CE, NFPA 1983-2012

Acceptable Part Number: P58S (Petzl Distribution)

135. Snap Link Mountain Climb**8465-01-619-5398**

Design: Recue Carabiner

Specifications:

MBS: No less than 46 kN

Weight: Not more than 350g

Length: 12.8cm

Width: 7.5cm

Gate opening: Not more than 32.5mm

Major axis: No less than 46 kN

Minor axis: No less than 16 kN

Gate open: No less than 11 kN

Material: Zinc plated Steel

Certified: NFPA 1983 G, UIAA 122

Acceptable Part Number: NFPA21001 (SMC Quality Gears for Life)

136. Snap Link Mountain Climb**8465-01-619-5834****Design:** Rescue Carabiner**Specifications:**

Color: Red

MBS: No less than 40 kN

Weight: Not more than 160g

Interior length: 103mm

Gate opening: Not more than 30mm

Material: Aluminum

Locking System: Auto-lock

Certified: NFPA 1983 G, UIAA 122

Acceptable Part Number: 300233 (CMC Rescue)**137. Harness Sitting Evacuation****4240-14-542-3306****Design:** Evacuation Casualty chair**Specifications:**

Weight: Not more than 1350g

Certification: CE EN 1497, CE EN 1498

Acceptable Part Number: C80 BR (Petlz Distribution)**138. Sleeping System****8465-01-618-9623****Design:** Double point suspension sleeping system.**Specifications:**

Strength: No less than 9 kN

Dimension: 213x130cm

Materials: Double butted aluminum alloy frame, double rip stop 420d pack cloth, ballistic reinforcements.

4 pull straps tighten the floor

6 point buckle system for easy levelling

Acceptable Part Number: BD8104510000ALL1 (Black Diamond Equipment Ltd)

139. Single Point Suspension**8465-01-616-9372**

Design: Single point suspension sleeping system.

Specifications:

Strength: No less than 6.8 kN

Dimension: 213x80cm

Material: Double-buttet 6061 T-6 45mm and anodized aluminum

4 pull straps tighten the floor

6 point buckle system for easy levelling

Acceptable Part Number: BD8104500000ALL1 (Black Diamond Equipment Ltd)

140. Belay Device Mountaineering**8465-01-618-9821**

Design: Ice axe

Specifications:

Length: 55cm

Color: Not applicable

Shaft: Aluminum

Grip: Dual density

Weight with leash: Not more than 515g

Head: Head, Spike: Stainless steel

Certification: CEN-B

Acceptable Part Number: BD410157000055_1 (Black Diamond Equipment Ltd)

141. Webbing Textile Integral Locking Loop**8305-01-616-4542**

Design: Lightweight leash

Specifications:

Weight: Not more than 100g

Strength: No less than 2.7 kN

Acceptable Part Number: BD4111410000ALL1 (Black Diamond Equipment Ltd)

142. Piton Mountain**8465-14-575-5627**

Design: Ice screw with integrated handle

Specifications:

Material: Stainless steel

Weight: Not more than 152g

Length: 10cm

Certification: CE, UIAA 151

Acceptable Part Number: P70A 100 (Petlz Distribution)

143. Piton Mountain**8465-14-542-1553**

Design: Ice screw with integrated handle

Specifications:

Material: Stainless steel

Weight: Not more than 167g

Length: 13cm

Certification: CE, UIAA 151

Acceptable Part Number: P70A 130 (Petlz Distribution)

144. Piton Mountain**8465-14-542-1554**

Design: Ice screw with integrated handle

Specifications:

Material: Stainless steel

Weight: Not more than 190g

Length: 17cm

Certification: CE, UIAA 151

Acceptable Part Number: P70A 170 (Petlz Distribution)

145. Piton Mountain**8465-14-542-1555**

Design: Ice screw with integrated handle

Specifications:

Material: Stainless steel

Weight: Not more than 215g

Length: 21cm

Certification: CE, UIAA 151

Acceptable Part Number: P70A 210 (Petlz Distribution)

146. Piton Mountain**8465-14-576-2089**

Design: Ice screw with integrated handle

Specifications:

Material: Stainless steel

Weight: Not more than 170g

Length: 13cm

Certification: CE, UIAA 151

Acceptable Part Number: P71A 130 (Petlz Distribution)

147. Piton Mountain**8465-14-576-2090**

Design: Ice screw with integrated handle

Specifications:

Material: Stainless steel

Weight: No more than 190g

Length: 17cm

Certification: CE, UIAA 151

Acceptable Part Number: P71A 170 (Petlz Distribution)

148. Piton Mountain**8465-14-576-2095**

Design: Ice screw with integrated handle

Specifications:

Material: Stainless steel

Weight: Not more than 210g

Length: 21cm

Certification: CE, UIAA 151

Acceptable Part Number: P71A 210 (Petzl Distribution)

149. Climber Equipment Set**8465-14-542-1557**

Design: Hook can be used to thread an ice anchor and clean wired nuts.

Specifications:

Material: Heat-treated steel

Weight: Not more than 50g

Length: 28cm

Acceptable Part Number: 04950 (Petzl Distribution)

150. Receiver Transmitter Radio**5820-12-361-0110**

Design: Avalanche transmitter

Specifications:

Required Battery: 1 AA Alkaline (Not Included)

Parallel search for multiple victims

Automatic Switchover in case of secondary avalanche

Search strip width: 40m

Maximum range: 40m

Acceptable Part Number: 5034-085 (Mountain Equipment Co-Op)

151. Shovel Hand**4240-01-619-6310**

Design: Telescopic handle shovel

Specifications:

Weight: Max 650 g

Blade volume: 1.14 l

Acceptable Part Number: BD1021840000ALL1 (Black Diamond Equipment Ltd)

152. Measuring Instrument Multi-Function**6695-01-616-9578**

Design: Snow Study Tools

Specifications:

[Calibrate thermometer] -58 - 392 F, [slope meter] 0 - 60 degrees

10x magnifying loupe

Slope Meter

Crystal card

Acceptable Part Number: BCA2950 (Backcountry Access)

153. Slope Meter**6605-01-617-1306**

Design: Light weight inclinometer.

Specifications:

Weight: No more than 1 oz

Attached to skis or poles

0 through 60 measurable degree angles

Steel ball in liquid filled tube

Marked at every degree

Acceptable Part Number: BKR0019 (Backcountry Access)

154. Light Head General Purpose**6230-14-555-3840**

Design: High output headlamp with 4 lighting modes.

Specifications:

Weight: No more than 120 g

Weight worn on head: No more than 120 g

Beam pattern: wide and focused

Light quantity: No less than 40 lumens

Lighting distance: No less than 35 m

Battery life: No less than 120 Hours

Number of batteries : 3

Battery type (included) : AAA/LR03

Water tightness : IP X4 (water resistant)

Material(s) : Wide Angle lenses made of impact resistant polycarbonate.

Certification(s): CE

Acceptable Part Number: E89P (Petlz Distribution)

155. Carabiner Auto-Lock**8465-20-A06-3085**

Design: Twist lock carabineers' with spring loaded

Specifications:

Materials: Zinc Dichromate Plated, Forged Alloy Steel

Proof Tested: No less than 16kN

Min tensile strength: No less than 22.2 kN

Working strength: No less than 18.1 kN

Weight: No more than 8.0 oz

Certifications: OSHA 1926.502, ANSI Z359-2007, CSA Z259.12, UIAA 121

Acceptable Part Number: 17D-1 (Miller-Dalloz Fall Protection Company)

156. Energy Absorber**4240-14-542-3303**

Design: For use with dubious protection when climbing ice or rock

Specifications:

Material: nylon webbing

Breaking strength: No less than 22 kN

Length: 16cm

Weight: Not more than 70g

Certification: CE, UIAA 128

Acceptable Part Number: 67800 (Petzl Distribution)

157. Snap Link Rappeller**8465-99-437-1745**

Design: Pulley wheel

Specifications:

Strength Gate closed: 24 kN

Strength Gate open: 8 kN

Strength minor axis: 8 kN

Gate opening: 16mm

Weight: 64g

Acceptable Part Number: A272 (DMM International Ltd)

158. Tubular Nylon**8305-01-627-3870**

Design: Flat webbing for slings and anchor systems.

Specifications:

Material: 1" tubular Mil-spec 300 ft.

MBS: No less than 4,000 lbs (straight pull)

MBS: No less than 6,100 lbs (sewn loop)

Colors: Purple, red, green, blue and black.

Acceptable Part Number: WB254MS_091 (Sterling Rope Inc)

159. Snow Guide Probe**4240-01-628-0780**

Design: For snow and deep snowpack.

Specifications:

Weight: not more 400g

Length: not more 320cm

Acceptable Part Number: BD1091030000ALL1 (Black Diamond Equipment Ltd)

160. Picket Snow Anchor**8340-01-628-5227**

Design: For snow and ice anchor points.

Specifications:

Material Aluminum

Dimension: 24" X 2"

Weight: not more 15 lbs

Certification: UIAA 154

Acceptable Part Number: 162024 (SMC Quality Gears)

161. Anchor Guy**4030-99-915-4782**

Design: Use in snow for anchor points.

Specifications:

Material Aluminum

Weight: not more 450g

Certification: UIAA 154

Acceptable Part Number: A1300 (DMM International Ltd)

162. Ice Crampon

8465-01-628-0769

Design: Horizontal front points provide secure bite on snow and rock edges.

Specifications:

Type: Pro

Size: one size fits 36-46

Material: Stainless steel

Weight per pair: not more 975g

Certification: UIAA 153

Acceptable Part Number: BD4000410000ALL1 (Black Diamond Equipment Ltd)

Serial	Item Name	NSN	Item Description	INITIAL BUY - YEAR ONE			EXPECTED ANNUAL BUY FOR THE FIRST 3 YEARS		
				Initial Quantity	Unit Price	Extended Price	Expected Annual Quantity	Extended Price	Total Extended Price
1	Harness Mountain Climbing	4240-14-558-2417	Harness Mountain Climbing	0			5		
2	Harness Mountain Climbing	4240-14-548-7343	Harness Mountain Climbing	20			35		
3	Harness Mountain Climbing	4240-14-548-7345	Harness Mountain Climbing	25			40		
4	Belay Device, Mountaineering	8465-01-614-1590	Belay Device	15			70		
5	Snap Link Mountain Pilon	8465-21-898-8280	Snap Link Mountain Pilon	0			2		
6	Snap Link Mountain Pilon	8465-14-575-2163	High-strength VULCAN Carabiners w/TRIACT	0			2		
7	Rope Fibrous	4200-01-624-8536	10.5 mm kernmantle (dynamic)	5			10		
8	Harness Safety Industrial	4240-01-611-6986	Harness Safety Industrial	0			2		
9	Mountain Climbing Helmet	8415-01-618-9823	Mountain Climbing Helmet	10			35		
10	Mountain Climbing Helmet	8415-20-A0H-3549	Mountain Climbing Helmet	20			35		
11	Mini Pulley, Lightweight Color Orange	8465-14-576-2173	Belay Device, Mountaineering	12			25		
12	Descender Mountain Climbers	8465-20-001-0465	Figure 8 descender	0			5		
13	Snap Link Pilon	8465-14-575-5648	Carabiner	100			280		
14	Carabiner Locking	8465-01-585-3322	Munter Carabiner (M)	20			250		
15	Snap Link Mountain Climbing	8465-20-A0H-1109	Munter Carabiner (L)	60			90		
16	Snap Link Mountain Pilon	8465-21-898-8242	Snap Link Mountain Pilon	0			100		
17	Packing Carabiner	8465-01-617-0550	Snap Link Mountain Pilon	140			120		
18	Pulley fixed	3940-01-578-8866	Mini lightweight Prusik pulley	80			100		
19	Rope Fibrous	4020-01-619-7836	5 mm kernmantle (static)	1			10		
20	Rope Fibrous	4020-01-616-9445	6 mm kernmantle (static)	5			15		
21	Rope Fibrous	4020-01-619-7837	7 mm kernmantle (static)	4			15		
22	Rope Fibrous	4020-01-618-7832	8 mm kernmantle (static)	4			15		
23	Rope Fibrous	4020-01-613-8096	11 mm kernmantle (static)	22			25		
24	Rope Fibrous	4020-01-619-9707	9.9 mm kernmantle (dynamic)	65			65		
25	Strap Webbing	8465-01-619-6312	30cm dynex sling	15			40		
26	Strap Webbing	8465-01-616-7447	60 cm dynex sling	100			80		
27	Strap Webbing	8465-01-624-9815	120 cm dynex sling	80			80		
28	Strap Webbing	8465-01-619-6311	240cm dynex sling	60			40		
29	Cramming Unit	8465-01-618-5480	4 Lobe Dual axle cam size .5	5			10		
30	Cramming Unit	8465-01-618-5477	4 Lobe Dual axle cam size .75	5			10		
31	Cramming Unit	8465-01-618-5481	4 Lobe Dual axle cam size 1	5			10		
32	Cramming Unit	8465-01-618-5478	4 Lobe Dual axle cam size 2	5			10		
33	Cramming Unit	8465-01-618-5476	4 Lobe Dual axle cam size 3	5			10		
34	Cramming Unit	8465-01-618-5479	4 Lobe Dual axle cam size 4	5			10		
35	Master Cam Device	8465-01-618-8523	4 Lobe Single axle cam size 00	5			10		
36	Master Cam Device	8465-01-618-8522	4 Lobe Single axle cam size 0	5			10		
37	Master Cam Device	8465-01-618-8521	4 Lobe Single axle cam size 1	5			10		
38	Master Cam Device	8465-01-618-8520	4 Lobe Single axle cam size 2	5			10		
39	Master Cam Device	8465-01-618-8518	4 Lobe Single axle cam size 3	5			5		
40	Master Cam Device	8465-01-618-8517	4 Lobe Single axle cam size 4	5			10		
41	Master Cam Device	8465-01-618-8515	4 Lobe Single axle cam size 5	5			10		
42	Master Cam Device	8465-01-618-8514	4 Lobe Single axle cam size 6	5			10		
43	Climber's Equipment Set	8465-01-616-7253	4 Lobe Link Cam size .5	5			10		

INITIAL BUY - YEAR ONE				EXPECTED ANNUAL BUY FOR THE FIRST 3 YEARS						
Serial	Item Name	NSN	Item Description	Initial Quantity	Unit Price	Extended Price	Total Extended Price	Expected Annual Quantity	Extended Price	Total Extended Price
44	Climber's Equipment Set	8465-01-616-7254	4 Lobe Link Cam size .75	5				10		
45	Climber's Equipment Set	8465-01-620-4191	4 Lobe Link Cam size 1	5				10		
46	Climber's Equipment Set	8465-01-620-4154	4 Lobe Link Cam size 2	5				10		
47	Camming Device Ulir	8465-01-617-2671	3 Lobe Single axle cam size 00	5				10		
48	Camming Device Ulir	8465-01-617-2674	3 Lobe Single axle cam size 0	5				10		
49	Camming Device Ulir	8465-01-617-2675	3 Lobe Single axle cam size 1	5				10		
50	Camming Device Ulir	8465-01-617-2678	3 Lobe Single axle cam size 2	5				10		
51	Camming Device Ulir	8565-01-617-2681	3 Lobe Single axle cam size 3	5				10		
52	Camming Device Ulir	8465-01-617-2683	3 Lobe Single axle cam size 4	5				10		
53	TRICAM	8465-01-652-2927	Tricam Size .125	0				5		
54	TRICAM	8465-01-652-2929	Tricam Size .250	0				5		
55	TRICAM	8465-01-624-2009	Tricam Size .5	10				10		
56	TRICAM	8465-01-619-6724	Tricam size 1	10				10		
57	TRICAM	8465-01-619-6720	Tricam size 1.5	10				10		
58	TRICAM	8465-01-619-6726	Tricam size 2	10				10		
59	TRICAM	8465-01-619-6722	Tricam size 2.5	10				10		
60	TRICAM	8465-01-624-2008	Tricam Size 3.0	10				10		
61	TRICAM	8465-01-652-2923	Tricam Size 3.5	0				5		
62	TRICAM	8465-01-643-6206	Tricam Size 4.0	0				5		
63	TRICAM	8465-01-643-6210	Tricam Size 5.0	0				5		
64	TRICAM	8465-01-643-6204	Tricam Size 6.0	0				5		
65	TRICAM	8465-01-643-6208	Tricam Size 7.0	0				5		
66	Stopper Mountain Set	8465-01-619-0473	Chocks size 1	0				5		
67	Stopper Mountain Set	8465-01-619-0475	Chocks size 2	5				10		
68	Stopper Mountain Set	8465-01-619-0476	Chocks size 3	5				10		
69	Stopper Mountain Set	8465-01-619-0477	Chocks size 4	5				10		
70	Stopper Mountain Set	8465-01-619-0478	Chocks size 5	5				10		
71	Stopper Mountain Set	8465-01-619-0493	Chocks size 6	5				10		
72	Stopper Mountain Set	8465-01-619-0482	Chocks size 7	5				10		
73	Stopper Mountain Set	8465-01-619-0483	Chocks size 8	5				10		
74	Stopper Mountain Set	8465-01-619-0484	Chocks size 9	0				5		
75	Stopper Mountain Set	8465-01-619-0485	Chocks size 10	5				10		
76	Stopper Mountain Set	8465-01-619-0488	Chocks size 11	5				10		
77	Stopper Mountain Set	8465-01-619-0489	Chocks size 12	5				10		
78	Stopper Mountain Set	8465-20-A0H-2602	Chocks size 13	5				10		
79	Stopper Mountain	8465-01-616-4541	Hexentrics Chocks size 1	10				7		
80	Stopper Mountain	8465-01-652-0017	Hexentrics Chocks size 2	10				7		
81	Stopper Mountain	8465-01-652-0014	Hexentrics Chocks size 3	10				7		
82	Stopper Mountain	8465-01-652-0011	Hexentrics Chocks size 4	10				7		
83	Stopper Mountain	8465-01-652-0012	Hexentrics Chocks size 5	10				7		
84	Stopper Mountain	8465-01-652-0007	Hexentrics Chocks size 6	10				7		
85	Stopper Mountain	8465-01-652-0008	Hexentrics Chocks size 7	10				7		
86	Stopper Mountain	8465-01-652-0009	Hexentrics Chocks size 8	10				7		

Serial	Item Name	NSN	Item Description	INITIAL BUY - YEAR ONE			EXPECTED ANNUAL BUY FOR THE FIRST 3 YEARS		
				Initial Quantity	Unit Price	Extended Price	Total Extended Price	Expected Annual Quantity	Total Extended Price
87	Stopper Mountain	8465-01-616-4539	Hexentrics Chocks size 9	10				7	
88	Stopper Mountain	8465-01-652-0006	Hexentrics Chocks size 10	10				7	
89	Stopper Mountain	8465-01-652-0004	Hexentrics Chocks size 11	10				7	
90	Anchor Mountain	8465-01-582-5611	Nut Tool	10				10	
91	Piton Mountain	8465-14-572-8299	Livanos Knife Blade	5				6	
92	Piton Mountain	8465-14-572-8301	Livanos Knife Blade	5				6	
93	Piton Mountain	8465-14-572-8303	Livanos Knife Blade	5				6	
94	Piton Mountain	8465-14-559-7497	Rocher Mixte	5				6	
95	Piton Mountain	8465-14-559-7505	Rocher Mixte	5				6	
96	Piton Mountain	8465-14-559-7506	Rocher Mixte	5				6	
97	Piton Mountain	8465-14-572-8304	Livanos Knife Blade	5				6	
98	Piton Mountain	8465-14-558-3061	U Pilon	5				6	
99	Piton Mountain	8465-14-572-8308	V Conique Knife Blade	5				6	
100	Piton Mountain	8465-14-572-8310	V Conique Knife Blade	5				6	
101	Piton Mountain	8465-14-318-7776	U Pilon	5				6	
102	Piton Mountain	8465-20-001-0269	Bugaboo	5				6	
103	Piton Mountain	8465-20-000-9910	Camp Lost Arrow #1	5				6	
104	Piton Mountain	8465-20-000-9911	Camp Lost Arrow #4	5				6	
105	Piton Mountain	8465-20-000-9912	Camp Lost Arrow #5	5				6	
106	Piton Mountain	8465-20-001-0265	Camp Lost Arrow #6	5				6	
107	Piton Mountain	8465-20-001-0266	Camp Lost Arrow #7	5				6	
108	Piton Mountain	8465-20-001-0267	Camp Lost Arrow #8	5				6	
109	Piton Mountain	8465-01-625-4518	Angle Pilon #1	5				6	
110	Piton Mountain	8465-01-625-4279	Angle Pilon #2	5				6	
111	Piton Mountain	8465-01-625-3792	Angle Pilon #3	5				6	
112	Piton Mountain	8465-01-625-4277	Angle Pilon #4	5				6	
113	Piton Mountain	8465-01-625-4213	Angle Pilon #5	5				6	
114	Piton Mountain	8465-01-625-4165	Angle Pilon #6	5				6	
115	Hammer Hand	5120-01-618-9822	Rock Hammer	0				10	
116	Ascender Mountain Climber's	8465-14-464-6697	Ascender	15				20	
117	Brake Climbing Rope	8465-14-521-8843	Rope Clamp	5				2	
118	Ascender Mountain Climbing	8465-14-575-2151	Rope Clamp	5				2	
119	Anchor Plate Wire Rope Assembly	4030-14-567-0021	Rigging Plate (S)	60				25	
120	Anchor Plate Wire Rope Assembly	4030-14-567-0025	Rigging Plate (M)	10				22	
121	Anchor Plate Wire Rope Assembly	4030-14-567-0026	Rigging Plate (L)	10				22	
122	Pulley Single	8465-01-616-9388	Pulley Single	0				7	
123	Snap Link Rappel	8465-01-618-9572	Carabiner quickdraw	30				70	
124	Pulley Groove	3020-01-532-1850	Knot Passing Pulley	0				7	
125	Pulley Groove	3020-14-543-5070	Double Mini PMP	5				32	
126	Pulley Groove	3020-14-560-0811	Large PMP	0				22	
127	Pulley Groove	3020-14-547-8623	Tandem Pulley	0				22	
128	Bag Duffel	8465-01-617-4378	Haul Bag	13				7	
129	Rope Guard	8465-01-616-9392	Edge Protection	20				12	

Serial	Item Name	NSN	Item Description	INITIAL BUY - YEAR ONE			EXPECTED ANNUAL BUY FOR THE FIRST 3 YEARS		
				Initial Quantity	Unit Price	Extended Price	Expected Annual Quantity	Extended Price	Total Extended Price
130	Protector Cord	4030-14-573-3495	Rope Protector	30			14		
131	Anchor Device Climb	8465-14-568-7365	Anchor Device	10			10		
132	Anchor Device Climb	8465-14-563-9172	Anchor Device	10			10		
133	Swivel Eye and Link	4030-14-557-2709	Swivels	0			6		
134	Swivel Eye and Link	4030-14-575-2156	Swivels	0			6		
135	Snap Link Mountain Climb	8465-01-619-5398	Rescue Carabiner	10			5		
136	Snap Link Mountain Climb	8465-01-619-5834	Rescue Carabiner	10			5		
137	Harness Siting Evacuation	4240-14-542-3306	Rescue Seat	10			9		
138	Sleeping System	8465-01-618-9623	Double Porta Ledge	6			1		
139	Single Point Suspension	8465-01-616-9372	Single Porta Ledge	7			1		
140	Belay Device Mountaineering	8465-01-618-9821	Ice Axe	5			7		
141	Webbing Textile Integral Locking Loop	8305-01-616-4542	Axe Leashes	0			7		
142	Piton Mountain	8465-14-575-5627	Ice Screw	10			10		
143	Piton Mountain	8465-14-542-1553	Ice Screw	10			10		
144	Piton Mountain	8465-14-542-1554	Ice Screw	10			10		
145	Piton Mountain	8465-14-542-1555	Ice Screw	10			10		
146	Piton Mountain	8465-14-576-2089	Ice Screw	10			5		
147	Piton Mountain	8465-14-576-2090	Ice Screw	15			5		
148	Piton Mountain	8465-14-576-2095	Ice Screw	15			5		
149	Climber Equipment Set	8465-14-542-1557	V-Thread hooker	10			7		
150	Receiver Transmitter Radio	5820-12-361-0110	Avalanche Transceiver	25			7		
151	Shovel Hand	4240-01-619-6310	Avalanche Shovel	10			7		
152	Measuring Instrument Multi Function	6695-01-616-9578	Snow Study Kit	10			4		
153	Slope Meter	6605-01-617-1306	Inclinometer	15			4		
154	Light Head General Purpose	6230-14-555-3840	Light Head	10			5		
155	Carabiner Auto-Lock	8465-20-A06-3085	Auto-Lock	0			2		
156	Energy Absorber	4240-14-542-3303	Energy Absorber	5			5		
157	Snap Link Rappel	8465-99-437-1745	DMM Revolver	65			52		
158	Tubular Nylon	8305-01-627-3870	Tubular Nylon	4			15		
159	Snow Guide Probe	4240-01-628-0780	Snow Guide Probe	20			7		
160	Picket Snow Anchor	8340-01-628-5227	Picket Snow Anchor	0			7		
161	Anchor Guy	4030-99-915-4782	Anchor Guy	10			4		
162	Ice Crampon	8465-01-628-0769	Ice Crampon	0			5		

Annex C Appendix 2 - TECHNICAL EVALUATION MATRIX

Serial	Item Name	NSN	Item Description	Acceptable Manufacturer	Acceptable Part Number	Proposed Manufacturer	Proposed Part Number
1	Harness Mountain Climbing	4240-14-559-2417	Harness Mountain Climbing	Petzl Distribution	C29		
2	Harness Mountain Climbing	4240-14-546-7343	Harness Mountain Climbing	Petzl Distribution	C38CAA 1		
3	Harness Mountain Climbing	4240-14-546-7345	Harness Mountain Climbing	Petzl Distribution	C38CAA 2		
4	Belay Device, Mountaineering	8465-01-614-1590	Belay Device	Black Diamond Equipment Ltd	BD200055		
5	Snap Link Mountain Pilon	8465-21-995-8280	Snap Link Mountain Pilon	Subal Werkzeuginstuslie Reopenmbh	9820-02		
6	Snap Link Mountain Pilon	8465-14-574-2163	High-strength VULCAN Carabiners w/TRIAC-LOCK	Petzl Distribution	M73 TLA		
7	Rope Fibrous	4020-01-624-8536	10.5 mm kernmantle (dynamic)	New Endland Rope Corp	Glider-10.5MM-60M		
8	Harness Safety Industrial	4240-01-611-6896	Harness Safety Industrial	Yates Gear	310		
9	Mountain Climbing Helmet	8415-01-618-9823	Mountain Climbing Helmet	Black Diamond Equipment Ltd	BD620206BL ZZS M1		
10	Mountain Climbing Helmet	8415-20-A0H-3549	Mountain Climbing Helmet	Black Diamond Equipment Ltd	BD620206BL ZZM L1		
11	Mini Pulley, Lightweight Color Orange	8465-14-576-2173	Belay Device, Mountaineering	Petzl Distribution	D14 20		
12	Descender Mountain Climbers	8465-20-001-0465	Figure 8 descender	Omega Pacific Inc	OFFIG8-1		
13	Snap Link Pilon	8465-14-575-5648	Carabiner	Petzl Distribution	M53 B		
14	Carabiner Locking	8465-01-595-3322	Munter Carabiner (M)	Petzl Distribution	M35SL		
15	Snap Link Mountain Climbing	8465-20-A0H-1109	Munter Carabiner (L)	Petzl Distribution	M36 SL		
16	Snap Link Mountain Pilon	8465-21-995-8242	Snap Link Mountain Pilon	Black Diamond Equipment Ltd	K-5022		
17	Picking Carabiner	8465-01-617-0550	Snap Link Mountain Pilon	Black Diamond Equipment Ltd	BD210230REDDALL 1		
18	Pulley fixed	3940-01-578-6866	Mini lightweight Prusik pulley	Petzl Distribution	P59A		
19	Rope Fibrous	4020-01-615-7836	5 mm kernmantle (static)	Sterling Ropes	AN50 0100		
20	Rope Fibrous	4020-01-616-9445	6 mm kernmantle (static)	Sterling Ropes	AN60 0100		
21	Rope Fibrous	4020-01-615-7837	7 mm kernmantle (static)	Sterling Ropes	AN70 0200		
22	Rope Fibrous	4020-01-615-7832	8 mm kernmantle (static)	Sterling Ropes	A08032 200		
23	Rope Fibrous	4020-01-613-8096	11 mm kernmantle (static)	Sterling Ropes	3302-14-00300		
24	Rope Fibrous	4020-01-619-9707	9.9 mm kernmantle (dynamic)	New Endland Rope Corp	GLIDER-60M		
25	Strap Webbing	8465-01-619-6312	30cm dynex sling	Black Diamond Equipment Ltd	BD38003300000ALL 1		
26	Strap Webbing	8465-01-616-7447	60 cm dynex sling	Black Diamond Equipment Ltd	BD38003100000ALL 1		
27	Strap Webbing	8465-01-624-9815	120 cm dynex sling	Black Diamond Equipment Ltd	BD38003200000ALL 1		
28	Strap Webbing	8465-01-619-6311	240cm dynex sling	Black Diamond Equipment Ltd	BD38003300000ALL 1		
29	Cramming Unit	8465-01-618-5480	4 Lobe Dual axle cam size .5	Black Diamond Equipment Ltd	BD26210500000ALL 1		
30	Cramming Unit	8465-01-618-5477	4 Lobe Dual axle cam size 1	Black Diamond Equipment Ltd	BD26210700000ALL 1		
31	Cramming Unit	8465-01-618-5481	4 Lobe Dual axle cam size 2	Black Diamond Equipment Ltd	BD26211000000ALL 1		
32	Cramming Unit	8465-01-618-5478	4 Lobe Dual axle cam size 3	Black Diamond Equipment Ltd	BD26212000000ALL 1		
33	Cramming Unit	8465-01-618-5476	4 Lobe Dual axle cam size 4	Black Diamond Equipment Ltd	BD26213000000ALL 1		
34	Cramming Unit	8465-01-618-5479	4 Lobe Dual axle cam size 5	Black Diamond Equipment Ltd	BD26214000000ALL 1		
35	Master Cam Device	8465-01-618-8523	4 Lobe Single axle cam size 00	Metolius Mountain Products Inc	MASS100		
36	Master Cam Device	8465-01-618-8522	4 Lobe Single axle cam size 0	Metolius Mountain Products Inc	MAST100		
37	Master Cam Device	8465-01-618-8521	4 Lobe Single axle cam size 1	Metolius Mountain Products Inc	MAST101		
38	Master Cam Device	8465-01-618-8520	4 Lobe Single axle cam size 2	Metolius Mountain Products Inc	MAST102		
39	Master Cam Device	8465-01-618-8518	4 Lobe Single axle cam size 3	Metolius Mountain Products Inc	MAST103		
40	Master Cam Device	8465-01-618-8517	4 Lobe Single axle cam size 4	Metolius Mountain Products Inc	MAST104		
41	Master Cam Device	8465-01-618-8515	4 Lobe Single axle cam size 5	Metolius Mountain Products Inc	MAST105		
42	Master Cam Device	8465-01-618-8514	4 Lobe Single axle cam size 6	Metolius Mountain Products Inc	MAST106		
43	Climber's Equipment Set	8465-01-616-7253	4 Lobe Link Cam size .5	Omega Pacific Inc	OPLC050		
44	Climber's Equipment Set	8465-01-616-7254	4 Lobe Link Cam size 1	Omega Pacific Inc	OPLC075		
45	Climber's Equipment Set	8465-01-620-4191	4 Lobe Link Cam size 1	Omega Pacific Inc	OPLC1		
46	Climber's Equipment Set	8465-01-620-4154	4 Lobe Link Cam size 2	Omega Pacific Inc	OPLC2		
47	Cramming Device Ultr	8465-01-617-2671	3 Lobe Single axle cam size 00	Metolius Mountain Products Inc	UTCT100		
48	Cramming Device Ultr	8465-01-617-2674	3 Lobe Single axle cam size 0	Metolius Mountain Products Inc	UTCU100		
49	Cramming Device Ultr	8465-01-617-2675	3 Lobe Single axle cam size 1	Metolius Mountain Products Inc	UTCU101		
50	Cramming Device Ultr	8465-01-617-2678	3 Lobe Single axle cam size 2	Metolius Mountain Products Inc	UTCU102		
51	Cramming Device Ultr	8465-01-617-2681	3 Lobe Single axle cam size 3	Metolius Mountain Products Inc	UTCU103		
52	Cramming Device Ultr	8465-01-617-2683	3 Lobe Single axle cam size 4	Metolius Mountain Products Inc	UTCU104		
53	TRICAM	8465-20-A0Q-2374	Tricam Size .125	Camp Tr Cam	9470125		

54	TRICAM	8465-20-A0Q-2399	Tricam Size 250	Camp Tri Cam	947025	
55	TRICAM	8465-01-824-2009	Tricam Size 5	Camp Tri Cam	94705	
56	TRICAM	8465-01-619-6724	Tricam size 1	Camp Tri Cam	94710	
57	TRICAM	8465-01-619-6720	Tricam size 1.5	Camp Tri Cam	94715	
58	TRICAM	8465-01-619-6726	Tricam size 2	Camp Tri Cam	94720	
59	TRICAM	8465-01-619-6722	Tricam size 2.5	Camp Tri Cam	92325	
60	TRICAM	8465-01-824-2008	Tricam Size 3.0	Camp Tri Cam	92330	
61	TRICAM	8465-20-A0Q-2400	Tricam Size 3.5	Camp Tri Cam	92335	
62	TRICAM	8465-01-643-6206	Tricam Size 4.0	Camp Tri Cam	92340	
63	TRICAM	8465-01-643-6210	Tricam Size 5.0	Camp Tri Cam	92350	
64	TRICAM	8465-01-643-6204	Tricam Size 6.0	Camp Tri Cam	92360	
65	TRICAM	8465-01-643-6208	Tricam Size 7.0	Camp Tri Cam	92370	
66	Stopper Mountain Set	8465-01-619-0473	Chocks size 1	Black Diamond Equipment Ltd	BD2252010000ALL1	
67	Stopper Mountain Set	8465-01-619-0475	Chocks size 2	Black Diamond Equipment Ltd	BD2252020000ALL1	
68	Stopper Mountain Set	8465-01-619-0476	Chocks size 3	Black Diamond Equipment Ltd	BD2252030000ALL1	
69	Stopper Mountain Set	8465-01-619-0477	Chocks size 4	Black Diamond Equipment Ltd	BD2252040000ALL1	
70	Stopper Mountain Set	8465-01-619-0478	Chocks size 5	Black Diamond Equipment Ltd	BD2252050000ALL1	
71	Stopper Mountain Set	8465-01-619-0483	Chocks size 6	Black Diamond Equipment Ltd	BD2252060000ALL1	
72	Stopper Mountain Set	8465-01-619-0482	Chocks size 7	Black Diamond Equipment Ltd	BD2252070000ALL1	
73	Stopper Mountain Set	8465-01-619-0483	Chocks size 8	Black Diamond Equipment Ltd	BD2252080000ALL1	
74	Stopper Mountain Set	8465-01-619-0484	Chocks size 9	Black Diamond Equipment Ltd	BD2252090000ALL1	
75	Stopper Mountain Set	8465-01-619-0485	Chocks size 10	Black Diamond Equipment Ltd	BD2252100000ALL1	
76	Stopper Mountain Set	8465-01-619-0488	Chocks size 11	Black Diamond Equipment Ltd	BD2252110000ALL1	
77	Stopper Mountain Set	8465-01-619-0489	Chocks size 12	Black Diamond Equipment Ltd	BD2252120000ALL1	
78	Stopper Mountain Set	8465-20-A0H-2602	Chocks size 13	Black Diamond Equipment Ltd	BD2252130000ALL1	
79	Stopper Mountain	8465-01-616-4541	Hexentrics Chocks size 1	Black Diamond Equipment Ltd	BD2202010000ALL1	
80	Stopper Mountain	8465-20-A0Q-2449	Hexentrics Chocks size 2	Black Diamond Equipment Ltd	BD2202020000ALL1	
81	Stopper Mountain	8465-20-A0Q-2531	Hexentrics Chocks size 3	Black Diamond Equipment Ltd	BD2202030000ALL1	
82	Stopper Mountain	8465-20-A0Q-2530	Hexentrics Chocks size 4	Black Diamond Equipment Ltd	BD2202040000ALL1	
83	Stopper Mountain	8465-20-A0Q-2543	Hexentrics Chocks size 5	Black Diamond Equipment Ltd	BD2202050000ALL1	
84	Stopper Mountain	8465-20-A0Q-2546	Hexentrics Chocks size 6	Black Diamond Equipment Ltd	BD2202060000ALL1	
85	Stopper Mountain	8465-20-A0Q-2541	Hexentrics Chocks size 7	Black Diamond Equipment Ltd	BD2202070000ALL1	
86	Stopper Mountain	8465-20-A0Q-2448	Hexentrics Chocks size 8	Black Diamond Equipment Ltd	BD2202080000ALL1	
87	Stopper Mountain	8465-01-616-4539	Hexentrics Chocks size 9	Black Diamond Equipment Ltd	BD2202090000ALL1	
88	Stopper Mountain	8465-20-A0Q-2447	Hexentrics Chocks size 10	Black Diamond Equipment Ltd	BD2202100000ALL1	
89	Stopper Mountain	8465-20-A0Q-2446	Hexentrics Chocks size 11	Black Diamond Equipment Ltd	BD2202110000ALL1	
90	Anchor Mountain	8465-01-582-5611	Nut Tool	Black Diamond Equipment Ltd	BD620006000000ALL1	
91	Piton Mountain	8465-14-572-8289	Piton Mountain	Petzl Distribution	65504	
92	Piton Mountain	8465-14-572-8301	Piton Mountain	Petzl Distribution	65506	
93	Piton Mountain	8465-14-572-8303	Piton Mountain	Petzl Distribution	65508	
94	Piton Mountain	8465-14-558-7497	Piton Mountain	Petzl Distribution	65106	
95	Piton Mountain	8465-14-558-7505	Piton Mountain	Petzl Distribution	65108	
96	Piton Mountain	8465-14-558-7506	Piton Mountain	Petzl Distribution	65110	
97	Piton Mountain	8465-14-572-8304	Piton Mountain	Petzl Distribution	65510	
98	Piton Mountain	8465-14-558-3061	Piton Mountain	Petzl Distribution	65312	
99	Piton Mountain	8465-14-572-8308	Piton Mountain	Petzl Distribution	66007	
100	Piton Mountain	8465-14-572-8310	Piton Mountain	Petzl Distribution	66011	
101	Piton Mountain	8465-14-318-7776	Piton Mountain	Petzl Distribution	66314	
102	Piton Mountain	8465-20-001-0269	Piton Mountain	Black Diamond Equipment Ltd	BD520330000000ALL1	
103	Piton Mountain	8465-20-000-9910	Camp Lost Arrow # 1	Mountain Equipment Co-Op	1402-015 #1	
104	Piton Mountain	8465-20-000-9911	Camp Lost Arrow # 4	Mountain Equipment Co-Op	1402-015 #4	
105	Piton Mountain	8465-20-000-9912	Camp Lost Arrow # 5	Mountain Equipment Co-Op	1402-015 #5	
106	Piton Mountain	8465-20-001-0265	Camp Lost Arrow # 6	Mountain Equipment Co-Op	1402-015 #6	
107	Piton Mountain	8465-20-001-0266	Camp Lost Arrow # 7	Mountain Equipment Co-Op	1402-015 #7	
108	Piton Mountain	8465-20-001-0267	Camp Lost Arrow # 8	Mountain Equipment Co-Op	1402-015 #8	
109	Piton Mountain	8465-01-625-4518	Angle Piton #1	Black Diamond Equipment Ltd	BD520710000000ALL1	
110	Piton Mountain	8465-01-625-4519	Angle Piton #2	Black Diamond Equipment Ltd	BD520720000000ALL1	

111	Piton Mountain	8465-01-625-3792	Angle Piton #3	Black Diamond Equipment Ltd	BD5207300000ALL1
112	Piton Mountain	8465-01-625-4217	Angle Piton #4	Black Diamond Equipment Ltd	BD5207400000ALL1
113	Piton Mountain	8465-01-625-4213	Angle Piton #5	Black Diamond Equipment Ltd	BD5207500000ALL1
114	Piton Mountain	8465-01-625-4165	Angle Piton #6	Black Diamond Equipment Ltd	BD5207600000ALL1
115	Hammer Hand	5120-01-618-9822	Rock Hammer	Black Diamond Equipment Ltd	BD5000100000ALL1
116	Ascender Mountain Climber's	8465-14-464-6697	Ascender	Petzl Distribution	B19AAA
117	Brake Climbing Rope	8465-14-521-8843	Rope Clamp	Petzl Distribution	B03
118	Ascender Mountain Climbing	8465-14-575-2151	Rope Clamp	Petzl Distribution	B53
119	Anchor Plate Wire Rope Assembly	4030-14-567-0021	Rigging Plate (S)	Petzl Distribution	P63 SN
120	Anchor Plate Wire Rope Assembly	4030-14-567-0025	Rigging Plate (M)	Petzl Distribution	P63 MN
121	Anchor Plate Wire Rope Assembly	4030-14-567-0026	Rigging Plate (L)	Petzl Distribution	P63 LN
122	Pulley Single	8465-01-616-9388	Pulley Single	CMC Rescue Inc	300441
123	Snap Link Rappel	8465-01-618-9572	Carabiner quickdraw	Black Diamond Equipment Ltd	BD3810590000ALL1
124	Pulley Groove	3020-01-532-1850	Knot Passing Pulley	Petzl Distribution	P67
125	Pulley Groove	3020-14-543-5070	Double Mini PMP	Petzl Distribution	P66A
126	Pulley Groove	3020-14-560-0811	Large PMP	Petzl Distribution	P60A
127	Pulley Groove	3020-14-547-8623	Tandem Pulley	Petzl Distribution	P21
128	Bag Duffel	8465-01-617-4378	Haul Bag	Black Diamond Equipment Ltd	BD8102800000ALL1
129	Rope Guard	8465-01-616-9392	Edge Protection	Evac Systems Fire and Rescue Equipment Inc	EP065
130	Protector Cord	4030-14-573-3495	Rope Protector	Petzl Distribution	C45 N
131	Anchor Device Climb	8465-14-558-7365	Anchor Device	Petzl Distribution	P32
132	Anchor Device Climb	8465-14-563-9172	Anchor Device	Petzl Distribution	P33
133	Swivel Eye and Link	4030-14-557-2709	Swivels	Petzl Distribution	P58 L
134	Swivel Eye and Link	4030-14-575-2168	Swivels	Petzl Distribution	P58S
135	Snap Link Mountain Climb	8465-01-619-5398	Rescue Carabiner	SMC Quality Gears for Life	NFPA21001
136	Snap Link Mountain Climb	8465-01-619-5834	Rescue Carabiner	CMC Rescue Inc	300233
137	Harness Siting Evacuation	4240-14-542-3306	Rescue Seat	Petzl Distribution	C80 BR
138	Sleeping System	8465-01-618-9523	Double Porta Ledge	Black Diamond Equipment Ltd	BD8104510000ALL1
139	Single Point Suspension	8465-01-616-9372	Single Porta Ledge	Black Diamond Equipment Ltd	BD8104500000ALL1
140	Belay Device Mountaineering	8465-01-618-9821	Ice Axe	Black Diamond Equipment Ltd	BD410157000055.1
141	Webbing Textile Integral Locking Loop	8305-01-616-4542	Axe Leashes	Black Diamond Equipment Ltd	BD4111410000ALL1
142	Piton Mountain	8465-14-575-5527	Ice Screw	Petzl Distribution	P70A 100
143	Piton Mountain	8465-14-542-1553	Ice Screw	Petzl Distribution	P70A 130
144	Piton Mountain	8465-14-542-1554	Ice Screw	Petzl Distribution	P70A 170
145	Piton Mountain	8465-14-542-1555	Ice Screw	Petzl Distribution	P70A 210
146	Piton Mountain	8465-14-576-2089	Ice Screw	Petzl Distribution	P71A 130
147	Piton Mountain	8465-14-576-2090	Ice Screw	Petzl Distribution	P71A 170
148	Piton Mountain	8465-14-576-2095	Ice Screw	Petzl Distribution	P71A 210
149	Climber Equipment Set	8465-14-542-1557	V-Thread hooker	Petzl Distribution	04950
150	Receiver Transmitter Radio	5820-12-361-0110	Avalanche Transceiver	Mountain Equipment C-OP	5034-095
151	Shovel Hand	4240-01-619-6310	Avalanche Shovel	Black Diamond Equipment Ltd	BD1027840000ALL1
152	Measuring Instrument Multi Function	6695-01-618-9578	Snow Study Kit	BACKCOUNTRY ACCESS INC.	BCA2960
153	Slope Meter	6605-01-617-1306	Indinometer	BACKCOUNTRY ACCESS INC.	BKR0019
154	Light Head General Purpose	6230-14-555-3840	Light, Head	Petzl Distribution	E89P
155	Carabiner Auto-Lock	8465-20-A06-3085	Auto-Lock	Miller-Daloz Fall Protection Company	17D-1
156	Energy Absorber	4240-14-542-3303	Energy Absorber	Petzl Distribution	67800
157	Snap Link Rappel	8465-99-437-1745	DMM Revolver	DMM International Ltd	A272
158	Tubular Nylon	8305-01-627-3870	Tubular Nylon	DMM International Ltd	WB254MS.091
159	Snow Guide Probe	4240-01-628-0780	Snow Guide Probe	Black Diamond Equipment Ltd	BD1091030000ALL1
160	Picket Snow Anchor	8340-01-628-5227	Picket Snow Anchor	SMC Quality Gear	162024
161	Anchor Guy	4030-99-915-4782	Anchor Guy	DMM International Ltd	A1300
162	Ice Clampon	8465-01-628-0769	Ice Clampon	Black Diamond Equipment Ltd	BD4000410000ALL1



DEPARTMENT OF NATIONAL DEFENCE MINIMUM REQUIREMENTS FOR MANUFACTURER'S STANDARD PACK

(BILINGUAL)

(Supersedes D-LM-008-036/SF-000 dated 1983-01-24 and Change 2 dated 1990-06-11)

EXIGENCES DU MDN EN MATIÈRE D'EMBALLAGE COMMERCIAL DU FABRICANT

(BILINGUE)

(Remplace la D-LM-008-036/SF-000 de 1983-01-24 et le modificatif 2 de 1990-06-11)

Issued on Authority of the Chief of the Defence Staff
Publiée avec l'autorisation du Chef d'état-major de la Défense

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Canada



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LIST OF EFFECTIVE PAGES

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NOTE

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Original.....	0	2013-12-01
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Zero in Change No. column indicates an original page. The use of the letter E or F indicates the change is in English or French only. Total number of pages in this publication is 12 consisting of the following:

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Title/Titre	0
A.....	0

ÉTAT DES PAGES EN VIGUEUR

Insérer les pages le plus récemment modifiées et se défaire de celles qu'elles remplacent conformément aux instructions pertinentes.

NOTA

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Les dates de publication des pages originales et modifiées sont :

Ch/Mod	3
Ch/Mod	4
Ch/Mod	5

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Page No./Numéro de page	Change No./ Numéro de modificatif
i/ii	0
1 to/à 7/8.....	0

Contact Officer: DSCO 5-4-3

Personne responsable : DOCA 5-4-3

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TABLE OF CONTENTS

	PAGE
SCOPE.....	1
Purpose.....	1
General Requirements.....	1
Cleaning.....	2
Preservation.....	2
Cushioning.....	2
Interior Packs.....	2
Shipping Containers.....	3
Marking Procedures.....	4
Application of Markings.....	5
Unusual Marking Circumstances.....	5
Dangerous Materials.....	6
Quality Assurance Provisions.....	6
Preparation for Delivery.....	7/8

TABLE DES MATIÈRES

	PAGE
PORTÉE.....	1
Objet.....	1
Directives générales.....	1
Nettoyage.....	2
Préservation.....	2
Bourrage.....	2
Emballages intérieurs.....	2
Contenants d'expédition.....	3
Méthodes de marquage.....	4
Marquage.....	5
Marquage – Cas particuliers.....	5
Matières dangereuses.....	6
Assurance de la qualité.....	6
Livraison.....	7/8

SCOPE**PURPOSE**

1. This specification states the circumstances under which the manufacturer's or supplier's standard pack can be used to fulfill the Canadian Forces (CF) requirement for cleaning, drying, preservation, packaging, packing and marking.
2. Where individual instructions for specific items have been included in the contract, e.g. type of preservation material to be applied, those instructions shall take precedence over paragraph 9.
3. Where the commodity specification for an item includes packaging, the commodity specification shall take precedence. Where the commodity specification contains more than one level of packaging and the required level is not specified in the document, packaging shall be to the lowest level of protection established in the commodity specification (Level A being the highest – Level C or Commercial being the lowest).

GENERAL REQUIREMENTS

4. Subject to the limitations set forth below, commercial cleaning, drying, preservation, packaging and marking are acceptable. This specification neither requires nor precludes the use of CF methods and/or materials.
5. Items shall be afforded adequate protection against deterioration and damage during handling and shipment. Packaging and marking shall be suitable for distribution to retail outlets.
6. Unless otherwise specified, bulk preservation, packaging, packing and marking such as those used in interplant and intraplant shipments, and for shipment to jobbers for repackaging and to part distribution outlets for re-preservation and packing, are not acceptable. Examples include tote-boxes, open baskets, and boxes without lids or other such handling aids.

PORTÉE**OBJET**

1. La présente ordonnance indique dans quels cas l'emballage commercial des fabricants ou des fournisseurs peut être utilisé afin de satisfaire aux exigences des Forces canadiennes (FC) en matière de nettoyage, de séchage, de préservation, d'emballage, d'empaquetage et de marquage.
2. Dans le cas où des dispositions du contrat stipulent l'emploi d'articles particuliers (p. ex. le genre de matériel à employer pour assurer la préservation), ces dispositions auront préséance sur le paragraphe 9.
3. Si les stipulations du contrat portant sur un article prévoient l'emballage, ces stipulations prévaudront. Lorsque les spécifications du produit prévoient plus d'un niveau d'emballage et que le niveau requis n'est pas précisé dans le document, l'emballage sera au plus bas niveau établi dans les spécifications du produit (le niveau A étant le plus haut, et le niveau C, ou commercial, étant le plus bas).

DIRECTIVES GÉNÉRALES

4. Sous réserve des restrictions ci-dessous, les méthodes commerciales de nettoyage, de séchage, de préservation, d'emballage et d'empaquetage sont acceptables. La présente ordonnance n'exige ni n'exclut l'emploi des méthodes ou du matériel des FC.
5. Les articles doivent être bien protégés contre tout dommage ou détérioration lors de la manutention et de l'expédition. L'emballage et le marquage doivent convenir à la distribution aux magasins de détail.
6. Sauf avis contraire, la préservation, l'emballage, l'empaquetage ainsi que le marquage en bloc sont inacceptables pour la manutention interne ou la manutention d'un établissement à un autre, de même que pour l'expédition à des entrepreneurs en remballage et à des magasins de distribution pour un nouveau traitement de préservation et l'emballage. Par exemple, les emballages peuvent être des boîtes de transport, des paniers ouverts, des boîtes sans couvercle et d'autres articles de manutention.

7. Cleaning, drying, preservation, packaging, packing and marking furnished by the supplier shall meet or exceed the following minimum requirements.

CLEANING

8. Items shall be free from dirt or contaminants which would contribute to deterioration of the item or which would require cleaning by the customer prior to use. Coatings of preservatives applied to the item for protection are not considered contaminants.

PRESERVATION

9. Items susceptible to corrosion or deterioration shall be protected by the use of preservative coatings, volatile corrosion inhibitors or desiccated packs.

CUSHIONING

10. Items requiring surface protection from physical and mechanical damage, or items that are fragile in nature, shall be protected by wrapping, cushioning, or other means to distribute shock and vibration during handling and shipment.

INTERIOR PACKS

11. Interior packs are classified as unit packs and intermediate packs. A unit pack is the first stage at which the item or quantity of items is enclosed in a container (bag, envelope, box, etc). A unit pack shall be so designed and constructed that it will contain the contents with no damage to them, and with minimal damage to the unit pack during shipment and storage in the shipping container, and will allow subsequent handling. Unit packs are a mandatory requirement of this specification and are limited to the parameters specified at paragraph 12. In extraordinary circumstances due to weight or size, e.g. sheet metal, bar stock, etc., exception to the limits imposed by paragraph 12. may be authorized by a qualified Department of National Defence (DND) packaging specialist.

7. Les opérations de nettoyage, de séchage, de préservation, d'emballage, d'empaquetage et de marquage effectuées par le fournisseur doivent au moins répondre aux exigences suivantes.

NETTOYAGE

8. Les articles ne doivent être ni sales ni contaminés, ce qui contribuerait à les détériorer ou obligerait le client à les nettoyer avant de les utiliser. Les revêtements dont on couvre les marchandises constituent des agents de préservation et non des agents de contamination.

PRÉSERVATION

9. Les articles qui risquent de se corroder ou de se détériorer doivent être protégés à l'aide de revêtements de préservation, d'inhibiteurs de corrosion volatils ou d'emballages dessiccatifs.

BOURRAGE

10. Les articles fragiles ou dont la surface doit être protégée contre les avaries physiques ou mécaniques doivent être préservés grâce à un emballage, à un bourrage, ou à tout autre moyen servant à amortir les chocs et les vibrations pendant la manutention et le transport.

EMBALLAGES INTÉRIEURS

11. Les emballages intérieurs sont classés soit comme emballages individuels soit comme emballages intermédiaires. L'emballage individuel est la première forme sous laquelle un article ou un groupe d'articles est placé dans un contenant (sac, enveloppe, boîte, etc.). Un emballage individuel doit être conçu et fabriqué de manière à envelopper le contenu sans l'endommager et en subissant lui-même un minimum de dommages pendant l'expédition et l'entreposage dans le contenant d'expédition, ce qui en permettra la manipulation ultérieure. L'emploi d'emballages individuels est obligatoire en vertu de la présente ordonnance, et assujetti aux règles spécifiées au paragraphe 12. Dans certains cas inhabituels, étant donné le poids ou les dimensions de l'objet (p. ex. tôle, barre, etc.), un technicien du ministère de la Défense nationale (MDN), spécialiste en emballage, pourra autoriser des exceptions aux restrictions imposées au paragraphe 12.

12. Unit Packs. Unless otherwise specified, the unit pack quantity shall not exceed 100 pieces and shall not weigh more than 25 lb (11.3 kg). Single items weighing more than 10 lb (4.5 kg) shall be individually packed.

12. Emballages individuels. Sauf avis contraire, un emballage individuel ne doit pas contenir plus de 100 articles et ne doit pas peser plus de 25 lb (11.3 kg). Les articles qui pèsent à eux seuls plus de 10 lb (4.5 kg) doivent être emballés individuellement.

13. Intermediate Packs. An intermediate pack is simply a number of unit packs placed in a larger container for convenience of handling, counting, and marking to the requirements of paragraph 16. Unless otherwise specified in the contract, intermediate packs are not mandatory, neither are they forbidden. The supplier may employ them or not, as is his/her discretion. Unit packs or intermediate packs shall be packed into exterior shipping containers that meet common carrier acceptance and provide safe delivery to destination (refer to paragraph 14.). Unit or intermediate packs that conform to these requirements need no supplemental protection.

13. Emballages intermédiaires. Il s'agit tout simplement d'un certain nombre d'emballages individuels qui sont placés dans un plus grand contenant en vue de faciliter la manutention, le comptage et le marquage conformément au paragraphe 16. Sauf mention expresse au contrat, l'emploi d'emballages intermédiaires n'est ni obligatoire, ni interdit. En fait, il est laissé à la discrétion du fournisseur. Les emballages individuels ou intermédiaires doivent être déposés dans des contenants d'expédition extérieurs que le transporteur juge d'ordinaire acceptables pour assurer une livraison sûre au destinataire (se reporter au paragraphe 14.). Les emballages qui satisferont à ces exigences ne nécessitent aucune protection supplémentaire.

SHIPPING CONTAINERS

14. These are containers that are acceptable to the common carrier for safe delivery to consignee at the lowest applicable rate, e.g. corrugated fibreboard, wood, plywood, hardboard, boxes, barrels, crates, shipping drums, some types of baskets and, in some instances, loose items. All wood packaging materials must meet all requirements for the importing or exporting of wood packaging materials as specified by the Canadian Food Inspection Agency in accordance with the International Plant Protection Conventions wood packaging standard ISPM-15. It is required that manufacturers notify the Department if any untreated wood will be used as a packaging material for any and all item(s).

15. The use of containers that have been used previously for the shipment or storage of other items is permissible, if approved by the appropriate packaging specialist. The exception being that previously used corrugated fibreboard boxes are not an acceptable shipping container and are not to be used under any circumstances.

CONTENANTS D'EXPÉDITION

14. Ce sont les contenants que le transporteur peut d'ordinaire juger acceptable pour assurer une livraison sûre au destinataire au taux le plus bas. Il peut s'agir par exemple de carton-fibre ondulé, de bois, de contre-plaqué, de carton dur, de boîtes, de barils, de caisses, de certains genres de paniers, et, dans certains cas, d'articles en vrac. Tous les matériaux d'emballage en bois doivent répondre à toutes les exigences en matière d'importation ou d'exportation des matériaux d'emballage en bois, comme le spécifie l'Agence canadienne d'inspection des aliments et conformément à la norme ISPM-15 sur le bois d'emballage de la Convention internationale pour la protection des végétaux. Les fabricants doivent informer le Ministère de toute utilisation de bois non traité pour l'emballage de quelque article que ce soit.

15. Il est permis d'employer des contenants qui ont déjà servi au transport ou à l'entreposage d'autres articles si le spécialiste en emballage l'autorise. Il est toutefois strictement interdit d'employer des boîtes de carton-fibre ondulé qui ont déjà servi et qui ne sont pas considérées comme des contenants d'expédition acceptables.

MARKING PROCEDURES

16. Besides markings that are required to effect delivery of material (consignee, consignor), certain other markings are required on shipping containers and, in some instances, on interior containers. When the contents of a shipping container comprise only one item of material (regardless of quantity), the interior containers need not be marked. When, however, the shipping containers hold more than one item of material (more than one NATO stock number), the interior containers must be marked. If intermediate packs are employed within a shipping container, they must be marked, but the unit packs need not. If intermediate packs are not employed, each unit pack must be marked. All markings shall be legible, durable, and identify the contents of the package.

17. **Interior Containers.** The required markings for interior containers are as follows:

- a. NATO stock number – as shown on the contract.
- b. Description – noun or noun phrase.
- c. Quantity – as determined by the supplier.

18. **Shipping Containers.** Each shipping container must bear the following markings on one face of the container (preferably the end or smaller face):

- a. NATO stock number – as shown on the contract.
- b. Description – noun or noun phrase.
- c. Quantity – as determined by the supplier.
- d. Gross weight – packed weight of the container.
- e. Contract serial number – as shown on the contract.

MÉTHODES DE MARQUAGE

16. En plus des inscriptions nécessaires pour la livraison du matériel (noms du destinataire et de l'expéditeur), certaines autres inscriptions doivent être apposées sur les contenants d'expédition et, dans certains cas, sur les contenants intérieurs. Lorsqu'un contenant ne renferme que les articles de même nature, peu importe la quantité, il n'est pas nécessaire de marquer les contenants intérieurs. Toutefois, il faut le faire lorsque le contenant d'expédition compte plus d'une sorte d'articles (articles portant des numéros de nomenclature OTAN différents). En outre, il faut marquer les emballages intermédiaires groupés dans un contenant d'expédition, mais pas les emballages individuels qu'ils contiennent. Toutefois, si l'on n'emploie pas d'emballage intermédiaire, il faut identifier chacun des emballages individuels. Toutes les inscriptions marquées doivent être lisibles et durables et identifier le contenu de l'emballage.

17. **Contenants intérieurs.** Les inscriptions apposées sur les contenants intérieurs doivent comporter les renseignements suivants :

- a. Numéro de nomenclature OTAN – indiqué sur le contrat.
- b. Description – substantif ou locution substantive.
- c. Quantité – établie par le fournisseur.

18. **Contenants d'expédition.** Chaque contenant d'expédition doit porter les renseignements suivants sur l'une de ses faces (de préférence la plus petite ou celle du bout) :

- a. Numéro de nomenclature OTAN – indiqué sur le contrat.
- b. Description – substantif ou locution substantive.
- c. Quantité – établie par le fournisseur.
- d. Poids brut – poids du contenant après emballage.
- e. Numéro de série du contrat – indiqué sur le contrat.

19. One contrasting face of the container (preferably on the side or larger face) must bear the following shipping instructions:

- a. Consignee – as shown on the contract.
- b. Consignor – suppliers name or symbol.
- c. Container number – relation of the container within the shipment (e.g. Case 1 of 1).

NOTE

The last shipment container shall have affixed to its face an envelope containing the contract supply voucher, release note, packing list, etc. This envelope, which shall be water resistant, shall be prominently marked "Packing Slip Enclosed" and securely affixed to the outside wall of the container.

APPLICATION OF MARKINGS

20. The most satisfactory method of applying markings to containers is by stencil and marking ink. Labels may be used, but the characters must be sufficiently large to facilitate reading from a reasonable distance. If stencilling is impracticable, because of container shape or because of the material from which the container is manufactured, tags may be used (refer to paragraph 21.). Marking inks shall be fade resistant.

UNUSUAL MARKING CIRCUMSTANCES

21. The above marking instructions mainly concern boxes and it is realized, that in some instances, the shipping container may be a bag, sack, bale, pail, drum, barrel, or loose item. In these circumstances, the markings quoted in paragraph 16. are still required but it will be permissible to apply the markings by means of tags firmly attached to the bags or loose items. The NATO stock number description, quantity, contract serial number shall be shown on one tag or on one side of a tag and the consignee, consignor, container number, number of containers and packing slip enclosed shall be shown on the opposite side of the same tag, or on another tag.

19. Il faut inscrire sur la face opposée de chaque contenant (la face du côté ou la face la plus grande) les directives d'expédition suivantes :

- a. Nom du destinataire – indiqué sur le contrat.
- b. Nom de l'expéditeur – nom ou logotype du fournisseur.
- c. Numéro du conteneur – par rapport à l'ensemble de l'envoi; p. ex. Conteneur 1 de 1.

NOTA

Le dernier conteneur d'expédition doit porter sur l'une de ses faces une enveloppe contenant le bordereau d'approvisionnement annexé au contrat, l'avis de remise, le bordereau d'expédition, etc. Il faut inscrire clairement sur cette enveloppe, qui doit être imperméable, « Bordereau d'expédition inclus » et la fixer solidement au panneau extérieur du conteneur.

MARQUAGE

20. La meilleure méthode de marquage consiste à utiliser un pochoir et de l'encre à marquer. On peut également se servir d'étiquettes, mais les caractères employés doivent être assez gros pour se lire aisément à une distance raisonnable. On peut avoir recours à cette méthode lorsqu'on ne peut employer la première en raison de la forme du contenant ou de la matière dont il est fait (se reporter au paragraphe 21.). Les encres à marquer doivent être indélébiles.

MARQUAGE – CAS PARTICULIERS

21. Les directives de marquage ci-dessus s'appliquent surtout en ce qui a trait aux boîtes, mais il peut arriver que le contenant d'expédition soit un sac, une poche, un ballot, un seau, une caisse, un baril ou un panier, ou que l'article ne soit pas emballé. Dans de tels cas, le marquage décrit au paragraphe 16. demeure nécessaire, mais il est permis de marquer les contenants ou les articles séparés à l'aide d'étiquettes solidement fixées. Il faut inscrire le numéro de nomenclature OTAN, la description, la quantité, le numéro de série du contrat sur une étiquette ou sur l'un de ses côtés, et le nom du destinataire et de l'expéditeur, le numéro du contenant et le nombre total de contenants ainsi que la mention « Bordereau d'expédition inclus » sur une autre étiquette ou au verso de la même étiquette.

DANGEROUS MATERIALS

22. Dangerous Goods/Hazardous Materials – materiel which is classed as dangerous/hazardous shall have the shipping container marked in accordance with the Transportation of Dangerous Goods Act; and the immediate product container shall be marked in accordance with the Hazardous Products Act.

23. Bilingual Materiel Safety Data Sheets (3 copies) indicating the NATO Stock Number as specified on the procurement document shall be provided, with one copy being enclosed with the shipment, one copy to be mailed to:

National Defence Headquarters
MGen George R Pearkes Building
101 Colonel By Drive
Ottawa ON K1A 0K2
Attention: DSCO 5-4-2

One additional copy shall be sent by email to the following address in word processing format (i.e. MS Word or WordPerfect): MSDS-FS@FORCES.GC.CA

24. USA regulations covering these dangerous materials can be found in Code of Federal Regulations, title 49, Subtitle B, parts 100 to 199, which cover transportation of hazardous materials by rail, road, aircraft and vessel. Carriage by military aircraft is regulated by USA DOD AFM 71-4.

QUALITY ASSURANCE PROVISIONS

25. Quality assurance provisions shall be as specified in the contract.

MATIÈRES DANGEREUSES

22. Dans le cas des matières classées dangereuses, il faudra se conformer aux dispositions de la Loi sur le transport des marchandises dangereuses pour le marquage des contenants d'expédition, et aux dispositions de la Loi sur les produits dangereux pour le marquage de l'emballage intérieur.

23. Il faudra fournir des fiches techniques santé-sécurité bilingues (en 3 copies) portant le numéro de nomenclature OTAN, tel qu'il est indiqué sur le document d'approvisionnement; une copie devra être insérée dans le contenant d'expédition et l'autre postée au :

Quartier général de la Défense nationale
Édifice mgén George R. Pearkes,
101, promenade Colonel-By
Ottawa ON K1A 0K2
À l'attention de : DOCA 5-4-2

Envoyer également une copie par courriel à l'adresse suivante, dans un format de traitement de texte (c.-à-d. exemple, MS Word ou WordPerfect) : MSDS-FS@FORCES.GC.CA

24. Les règlements américains se rapportant aux matières dangereuses sont énoncés dans le « Code of Federal Regulations » titre 49, sous-chapitre B, parties 100 à 199. Ce document traite du transport des matières dangereuses par chemin de fer, par route, par air et par mer. Les règlements régissant le transport par avion militaire sont contenus dans la publication américaine DOD AFM 71-4.

ASSURANCE DE LA QUALITÉ

25. Toutes les dispositions en matière de contrôle de la qualité doivent figurer au contrat.

PREPARATION FOR DELIVERY

26. Prepare for delivery as applicable. Materiel handling aids such as pallets, crates, etc., shall be utilized where applicable to facilitate off loading of materiel from transport vehicles at destination.

NOTES

1. **Deviation from Specification.** If the contractor wishes to suggest other proposals or otherwise depart from the current issue of this specification, he shall forward his proposals immediately, to the Department for approval.
2. **Inquiries.** Any question relating to this specification are to be referred to the Department's authorized representative and/or DSCO 5-4-3. Technical assistance may be obtained by contacting the Packaging Officer at the Supply Depot indicated on the procurement document.
3. **Specification.** Copies of this specification may be obtained from the Department of National Defence, Attention DSCO 5-4-3. Specifications may also be located online at the address below.

National Defence Publications

Search: <http://publications.mil.ca/pod/pubs/pubSearch.jsp?LangType=0>

LIVRAISON

26. La préparation en vue de la livraison devra être conforme aux directives applicables. Il faudra utiliser au besoin des dispositifs de manutention, par exemple, des palettes, des caisses à claire-voie, etc., pour faciliter le déchargement des marchandises des véhicules de transport une fois rendus à destination.

NOTA

1. **Dérogations à l'ordonnance.** Si l'entrepreneur désire faire d'autres suggestions ou déroger à la présente ordonnance, il doit envoyer immédiatement ses suggestions au Ministère pour approbation.
2. **Questions.** Toute question portant sur la présente ordonnance doit être adressée à un représentant autorisé du Ministère ou au DOCA 5-4-3. On peut obtenir une aide technique en communiquant avec l'agent d'emballage du dépôt d'approvisionnement dont le nom figure sur le document d'approvisionnement.
3. **Spécification.** On peut se procurer des exemplaires de la présente spécification en s'adressant au ministère de la Défense Nationale, à l'attention du DOCA 5-4-3. On peut également trouver les spécifications en ligne, à l'adresse ci-dessous.

Recherche de publication de la Défense nationale :

<http://publications.mil.ca/pod/pubs/pubSearch.jsp?LangType=0>

