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**REQUEST FOR PRICE AND  
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This is not a bid solicitation but an inquiry for the purpose of obtaining price and availability information for the goods, services, and construction specified herein. The information requested herein is for budgeting and planning purposes only. Contracts will not be entered into on the basis of suppliers' responses.

Il ne s'agit pas d'une invitation à soumissionner mais d'une demande de renseignements sur les prix et la disponibilité des biens, services et construction spécifiés aux présentes. Les renseignements demandés aux présentes sont nécessaires uniquement à l'établissement du budget et à la planification. Les marchés ne seront pas attribués suite aux réponses des fournisseurs/entrepreneurs.

**Comments - Commentaires**

<b>Title - Sujet</b> High Risk Search-High Angle Search	
<b>Solicitation No. - N° de l'invitation</b> W8476-175509/A	<b>Date</b> 2016-11-01
<b>Client Reference No. - N° de référence du client</b> W8476-175509	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$\$QF-030-26040
<b>File No. - N° de dossier</b> 030qf.W8476-175509	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2016-12-15</b>	
<b>Time Zone</b> Fuseau horaire Eastern Standard Time EST	
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Hamilton, Indra	<b>Buyer Id - Id de l'acheteur</b> 030qf
<b>Telephone No. - N° de téléphone</b> (819) 420-1738 ( )	<b>FAX No. - N° de FAX</b> (819) 956-5650
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  Specified Herein Précisé dans les présentes	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

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

**Issuing Office - Bureau de distribution**

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## **Background and Request for Information**

### **HASE-COM Statement of Work**

**W8476-175509**

### **This is a part of the High Risk Search Capability Project-HRSCs**

### **High-Angle Search Equipment and Confined-Space Communication**

The Department of National Defence has a capital equipment requirement under project High Risk Search Capability, currently in the Definition Phase. The Statements of Work (SOW) and technical specifications for the equipment are completed as drafts with an expectation to finalize the drafts after receiving feedback from Industry during the Price and Availability (P&A) request process. The SOWs and technical documents will be amended as required to incorporate any useful information from Industry.

#### **Aim:**

The Department of National Defence, through this P&A process, is seeking price and availability of deliverables as outlined in the SOW and associated technical documents. The cost and availability information is required in order to move into the approval process, which is a prerequisite to Implementation.

Additionally, the Department of National Defence is requesting costing information for the Integrated Logistic Support (ILS) deliverables, as defined within the SOW.

The costs for both the capital procurement and proposed ILS portion will be used to solidify the proposed project budget. Pricing obtained from Industry through this P&A process must be recent and accurate data.

The following would also be desirable as part of this P&A:

1. Quote provided on company letterhead.
2. Brief background information on the company and its typical clients.
3. Brief background information on the proposed product(s) that meets the technical requirements of the SOW.

4. Include the completed Estimated Cost Table, as described in this document, and if possible provide a few more technical and costing details to explain cost origins for the equipment, spares (if required), and training session(s).
5. For any items priced in foreign currency, please provide the exchange rate used to calculate the CAD price.

Questions and requests for clarifications received by close of business Thursday are expected to be answered and provided to Industry the following Monday.

Contact Information:

**Indra Hamilton**

Contracting Authority

Division des systèmes électroniques et des systèmes de simulation et de défense |

Electronics, Simulators and Defence Systems Division

Secteur de l'approvisionnement et du soutien en équipement aérospatial et terrestre |

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STATEMENT OF WORK  
FOR HIGH-ANGLE SEARCH EQUIPMENT &  
CONFINED-SPACE COMMUNICATION

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## **1.0 SCOPE**

### **1.1 Purpose**

- 1.1.1 The purpose of this Statement of Work (SOW) is to define the work requirements for the High-Angle Search Equipment and Confined-Space Communication (HASE-COM), which will be used by the Canadian Armed Forces (CAF) field engineer sections in the role of advanced search teams.

### **1.2 Background**

- 1.2.1 Both intermediate and advanced search teams will be deployed in support of Battle Groups (BG) during overseas and domestic missions. The role of the intermediate search teams will be filled by the field engineer sections that will operate with the maneuver elements of the BG. Advanced teams will be deployed on deliberate search operations or called forward as a result of discoveries made by intermediate search teams involving too high a risk for an intermediate team.

### **1.3 Intended Use**

- 1.3.1 The intended use of the HASE-COM project is to provide a suite of high-angle search equipment and a wired communication system providing the user a capability to safely access and search structures and high-angle surfaces, and communicate when in confined spaces.

### **1.4 Acronyms and Abbreviations**

ABCA	America, Britain, Canada, Australia
CA	Contracting Authority
CAGE	Commercial and Government Entity
CD	Compact Disk
CDRL	Contract Data Requirements List
CAF	Canadian Armed Forces
CFB	Canadian Forces Base
CFSD	Canadian Forces Supply Depot
CFSS	Canadian Forces Supply System
CFTO	Canadian Forces Technical Order
COTS	Commercial off the Shelf
DCSEM	Director Combat Support Equipment Management
DGLEPM	Director General Land Equipment Program Management
DID	Data Item Description
DMC	Demilitarization Code
DML	Demilitarization List
DND	Department of National Defence
DLP	Director of Land Procurement
DPA	Defence Product Act
DSCO	Director Supply Chain Operations

DTMS	Defence Terminology Management System
DWG	Drawing format
ECL	Export Control List
ECCN	Export Control Classification Number
EHS	Environmental Health and Safety
EHSIR	Environmental Health and Safety Impact Report
HASE-COM	High-Angle Search Equipment and Confined-Space Communication
IAW	In Accordance With
ILS	Integrated Logistics Support
ILSM	Integrated Logistics Support Manager
IP	Initial Provisioning
IPC	Initial Provisioning Conference
IPGC	Initial Provisioning Guidance Conference
IPM	Illustrated Parts Manual
ISL	Interim Spares List
ITAR	International Traffic in Arms Regulations
LEMS	Land Equipment Maintenance System
LIS	List of Items to be Supported
MBS	Minimum Breaking Strength
MCN	Material Change Notice
MS	Microsoft
MSDS	Material Safety Data Sheet
NATO	North Atlantic Treaty Organization
NCAGE	NATO Commercial and Government Entity
NDHQ	National Defence Headquarters
NDID	National Defence Index of Documentation
NSCM	NATO Supply Code for Manufacturers
NSN	NATO Stock Number
OEM	Original Equipment Manufacturer
PA	Procurement Authority
PD	Provisioning Documentation
PDF	Portable Document Format
PMP	Project Management Plan
PPB	Provisioning Parts Breakdown
PHST	Packaging, Handling, Storage and Transportation
PSPC	Public Services and Procurement Canada

QRC	Quick Reference Card
RFP	Request for Proposal
RM	Risk Management
RSPL	Recommended Spare Parts List
SME	Subject Matter Expert
SOW	Statement of Work
SPTD	Supplementary Provisioning Technical Documentation
STTE	Special Tools and Test Equipment
TA	Technical Authority
TAC	Technical Acceptance Certificate
TMDE	Test, Measurement and Diagnostic Equipment
UIAA	International Climbing and Mountaineering Federation
USML	United States Munitions List
WHMIS	Workplace Hazardous Materials Information System

## 2.0 APPLICABLE DOCUMENTS

### 2.1 References

- 2.1.1 Whereas mentioned, the following Standards must be used for the preparation of deliverables to the extent specified in this SOW:

#### GOVERNMENT FURNISHED INFORMATION

<u>MANUFACTURER REFERENCE NUMBER</u>	<u>PROMULGATION DATE</u>	<u>REFERENCE TITLE</u>
A-AD-100-100/AG-000	1991-10-15	NATIONAL DEFENCE PUBLISHING POLICY AND ADMINISTRATION PROCEDURES
A-EN-007-000/FP-001		DND ENVIRONMENTAL ASSESSMENT MANUAL
C-01-100-100/AG-005	1996-02-29	SPECIFICATION - ACCEPTANCE OF COMMERCIAL AND FOREIGN GOVERNMENT PUBLICATIONS AS ADOPTED PUBLICATIONS
C-01-100-100/AG-006	1996-03-01	SPECIFICATION – WRITING, FORMAT AND PRODUCTION OF TECHNICAL PUBLICATIONS
C-02-040-009/AG-001	2012-06-01	GENERAL SAFETY STANDARDS
D-01-100-204/SF-000	2000-10-31	SPECIFICATION - PREPARATION OF PREVENTIVE MAINTENANCE INSTRUCTIONS
D-01-100-205/SF-000	2000-10-31	SPECIFICATION - PREPARATION OF CORRECTIVE MAINTENANCE INSTRUCTION
D-01-100-207/SF-002	1996-07-12	SPECIFICATION - PREPARATION OF INTERIM ILLUSTRATED PARTS MANUALS FOR LAND EQUIPMENTS
D-01-100-211/SF-000	1991-06-01	SPECIFICATION – PRESERVATION, STORAGE AND HANDLING INSTRUCTION
D-01-100-214/SF-000	2002-05-01	SPECIFICATION FOR PREPARATION OF PROVISIONING DOCUMENTATION FOR CANADIAN FORCES EQUIPMENT
D-01-400-001/SG-000		STANDARD - ENGINEERING DRAWING PRACTICES FOR CLASS 1 DRAWINGS AND TECHNICAL DATA LIST
D-01-400-002/SF-000	1983-11-30	SPECIFICATION FOR LEVELS OF ENGINEERING DRAWINGS AND ASSOCIATED LISTS
D-02-002-001/SG-001	2003-04-01	STANDARD – IDENTIFICATION MARKING OF CANADIAN MILITARY PROPERTY
D-LM-008-001/SF-001	1983-02-03	METHODS OF PACKAGING
D-LM-008-002/SF-001	1991-08-01	SPECIFICATION FOR MARKING FOR STORAGE AND SHIPMENT
D-LM-008-011/SF-001	1988-11-10	PREPARATION AND USE OF PACKAGING REQUIREMENTS CODES

**COMERCIALLY AVAILABLE**

<u>MANUFACTURER REFERENCE NUMBER</u>		<u>PROMULGATION DATE</u>	<u>REFERENCE TITLE</u>
ANSI/EIA-649	2004		NATIONAL CONSENSUS STANDARD FOR CONFIGURATION MANAGEMENT
NEMA IEC 60529			DEGREES OF PROTECTION PROVIDED BY ENCLOSURES - IP CODE
R.S., 1985, C. H-3	1985		HAZARDOUS PRODUCTS ACT
SOR/86-304	N/A		CANADA OCCUPATIONAL HEALTH AND SAFETY REGULATIONS
SOR/99-7	1998		OZONE-DEPLETING SUBSTANCES REGULATIONS, 1998

**2.2 Order of Precedence**

- 2.2.1 The Contractor must bring to the attention of the TA all perceived inconsistencies between the SOW and the documents attached in the Appendixes and referenced in this SOW.
- 2.2.2 In the event of conflict between the content in this SOW and the referenced documents, the content of this SOW will take precedence.

### 3.0 PROJECT MANAGEMENT

#### 3.1 Project Management Program

- 3.1.1 The Contractor must designate a Project Manager with the responsibilities to coordinate, execute, and manage the Contractor's project management activities for the Contract. The Contractor's Project Manager must have the total responsibility for all works required under the Contract.
- 3.1.2 The Contractor's Project Manager must be the primary point of contact between the Contractor and the DND Technical Authority and the PSPC Contracting Authority for all issues related to the Contract.

#### 3.2 Project Management Plan (PMP)

- 3.2.1 The Contractor must prepare, deliver, maintain and update a **Project Management Plan** (PMP) IAW CDRL HASE-COM-PM-001 at Appendix A3.3 (page 31) to ANNEX A and its associated DID HASE-COM-PM-001 at Appendix A4.3 (page 48) to ANNEX A.

#### 3.3 Project Meetings

- 3.3.1 Meeting Organization and Coordination
  - 3.3.1.1 The Contractor must ensure that data, personnel and facilities are available for each meeting.
  - 3.3.1.2 The Contractor must attend meetings held at the Contractor and DND facilities.
  - 3.3.1.3 The Contractor's Project Manager must be present at all meetings. If the Project Manager does not have final approval authority for decision making and changes, then the person that has that final approval authority must also be present at all meetings.
- 3.3.2 Kick-off Meeting
  - 3.3.2.1 The Contractor must hold and chair a Kick-off Meeting (at the Contractor's facility) no later than twenty-one (21) calendar days after contract award to review and secure a common understanding of the requirements expressed in the following:
    - 3.3.2.1.1 The Contract;
    - 3.3.2.1.2 The SOW;
    - 3.3.2.1.3 General overview of the project, risks, schedule and communication channels to follow, and
    - 3.3.2.1.4 All other contractual and programmatic issues associated with the project as agreed between the TA, CA and the Contractor.
  - 3.3.2.2 During the Kick-off Meeting, the Contractor must provide the following:
    - 3.3.2.2.1 Top Level Assembly Drawing
      - 3.3.2.2.1.1 The Contractor must deliver the Top Level Assembly Drawing (TLAD) for the tools IAW CDRL HASE-COM-ILS-216 at Appendix A3.15 (page 43) and its associated DID HASE-COM-ILS-216 at Appendix A4.15 (page 66) to this ANNEX A.
    - 3.3.2.3 Refer to Meeting Documentation requirements found at ANNEX A para. 3.3.5 (page 11).
- 3.3.3 Integrated Logistics Support (ILS) Meeting

- 3.3.3.1 The Contractor must hold and chair an ILS Meeting immediately following the closure of the Kick-Off Meeting (see 3.3.2) to review and secure a common understanding of the requirements expressed in the ILS CDRLs and DIDs, DND CFTOs and specifications (see 2.1).
- 3.3.4 Other meetings
  - 3.3.4.1 The Contractor and the TA may schedule informal reviews, such as teleconferences, video conferences, briefings and technical interchange meetings, as required to help achieve the requirements of the Contract.
- 3.3.5 Meeting Documentation
  - 3.3.5.1 The Contractor must prepare and deliver a meeting agenda for all formal meetings and conferences, and prepare and deliver the meeting minutes afterwards.
    - 3.3.5.1.1 The Contractor must prepare **Meeting Agenda(s)** IAW CDRL HASE-COM-PM-002 at Appendix A3.4 (page 32) to ANNEX A and it's associated DID HASE-COM-PM-002 at Appendix A4.4 (page 49) to ANNEX A.
    - 3.3.5.1.2 The Contractor must record, prepare, and deliver the **Meeting Minutes** of each meeting IAW CDRL HASE-COM-PM-003 at Appendix A3.5 (page 33) to ANNEX A and its associated DID HASE-COM-PM-003 at Appendix A4.5 (page 50) to ANNEX A.
  - 3.3.5.2 No change in the interpretation of the SOW, Technical Specification, cost, and schedule, as defined in the Contract, may be authorized by the minutes of a meeting. Such action will require formal Contract amendment by the CA.

## 4.0 INTEGRATED LOGISTICS SUPPORT (ILS)

### 4.1 Maintenance Concept

4.1.1 The HASE-COM will be maintainable by CAF operators in a field environment as prescribed for each item of equipment:

4.1.1.1 **Operator Maintenance** – consisting of basic servicing, preliminary diagnosis of faults, general maintenance and preventive maintenance that is not requiring STTE to complete this maintenance.

4.1.2 The Contractor must perform the more in-depth maintenance tasks consisting of corrective maintenance tasks, reconditioning of assemblies and component rebuilds.

### 4.2 Technical Publication Package

4.2.1 The Contractor must prepare and deliver a Technical Publication package for the HASE-COM comprising of:

4.2.1.1 Operator Manual

4.2.1.1.1 The Contractor must provide an **Operator Manual** with each HASE-COM IAW CDRL HASE-COM-ILS-201 at Appendix A3.6 (page 34) and its associated DID HASE-COM-ILS-201 at Appendix A4.6 (page 51) to this ANNEX A.

4.2.1.2 Initial Training Package

4.2.1.2.1 The Contractor must provide an **Initial Training Package** IAW CDRL HASE-COM-ILS-202 at Appendix A3.7 (page 35) and its associated DID HASE-COM-ILS-202 at Appendix A4.7 (page 53) to ANNEX A.

4.2.1.3 Quick Reference Card

4.2.1.3.1 The Contractor must provide a **Quick Reference Card** with each HASE-COM IAW CDRL HASE-COM-ILS-209 at Appendix A3.14 (page 42) and its associated DID HASE-COM-ILS-209 at Appendix A4.14 (page 64) to ANNEX A.

4.2.2 The Contractor must deliver all Technical Publications in English and Canadian French.

4.2.3 The Contractor must have all Technical Publications translated by certified translators, such as members of an authorized provincial association of translators, to ensure the quality of translated text.

4.2.3.1 Upon request from Canada, the Contractor must provide a copy of the proof of translator accreditation to the DND ILSM.

4.2.4 The Contractor must ensure all translations are consistent with approved DND terminology. Approved terminology sources, in order of priority, are as follows:

4.2.4.1 Concise Oxford Dictionary (for English);

4.2.4.2 Petit Robert (for French); and

4.2.4.3 Termium, PSPC Translation Bureau Linguistic Data Bank  
(<http://www.termiumplus.gc.ca/>);

4.2.5 The Contractor must review and accept responsibility for the validity of all (both their own and all sub-Contractors) information found in the publications produced under ANNEX A para. 4.2.1.

### 4.3 Provisioning Documentation

4.3.1 The Contractor must prepare and provide Provisioning Documentation for the HASE-COM comprising of:

4.3.1.1 Illustrated Parts Manual

4.3.1.1.1 The Contractor must provide an **Illustrated Parts Manual** for the HASE-COM IAW CDRL HASE-COM-ILS-203 at Appendix A3.8 (page 36) and its associated DID HASE-COM-ILS-203 at Appendix A4.8 (page 55) to this ANNEX A.

4.3.1.2 Provisioning Parts Breakdown

4.3.1.2.1 The Contractor must provide a **Provisioning Parts Breakdown** IAW CDRL HASE-COM-ILS-204 at Appendix A3.9 (page 37) and its associated DID HASE-COM-ILS-204 at Appendix A4.9 (page 57) to this ANNEX A.

4.3.1.3 Supplementary Provisioning Technical Documentation

4.3.1.3.1 The Contractor must provide **Supplementary Provisioning Technical Documentation** IAW CDRL HASE-COM-ILS-205 at Appendix A3.10 (page 38) and its associated DID HASE-COM-ILS-205 at Appendix A4.10 (page 58) to this ANNEX A.

#### 4.4 Initial Provisioning Guidance Conference

4.4.1 The Contractor must hold and chair an Initial Provisioning Guidance Conference (IPGC).

4.4.1.1 The purpose of the IPGC is to clarify and explain the requirements of the Provisioning Documentation referred to in the contract in preparation for the Initial Provisioning Conference.

4.4.1.2 The IPGC team will normally consist of no more than two DND representatives and should last no longer than one day.

4.4.2 Refer to Meeting Documentation requirements found at ANNEX A para. 3.3.5 (page 11).

#### 4.5 Initial Provisioning Conference

4.5.1 The Contractor must hold and chair an Initial Provisioning Conference (IPC). The IPC will occur after the Contractor has delivered Provisioning Documentation (PD) suitable to a successful IPC as determined by the DND ILS Manager.

4.5.2 The purpose of an IPC is to allow DND to verify that the Provisioning Documentation (PD) reflects the current and complete configuration of the equipment being procured by comparing it against the Illustrated Parts Manual and SPTD, and to select the range of spares required to support the system during an initial period of service of two years. For this purpose, the Contractor must provide:

4.5.2.1 A suitable conference facility;

4.5.2.2 Engineering and product support assistance;

4.5.2.3 The equipment for physical examination;

4.5.2.4 Engineering, reliability and maintainability data; and

4.5.2.5 Modification data, if applicable.

4.5.3 Refer to Meeting Documentation requirements found at ANNEX A para. 3.3.5 (page 11).

#### 4.6 Initial Training Session

- 4.6.1 The Contractor must provide the Initial Training Session after delivery of the first HASE-COMs.
- 4.6.2 The Contractor must provide Initial Training Sessions consisting of:
  - 4.6.2.1 Five (5) training sessions for **Operators** (train-the-trainer type) given to from one (1) to ten (10) students per course, course length of 1 day, at:
    - 4.6.2.1.1 CFB Edmonton;
    - 4.6.2.1.2 CFB Petawawa;
    - 4.6.2.1.3 CFB Valcartier, and
    - 4.6.2.1.4 CFB Gagetown (two courses).
- 4.6.3 The Contractor must provide the Initial Training Sessions in English, by a bilingual instructor, in order for them to be able to understand and answer questions from the class in both official languages; English and Canadian French.
- 4.6.4 The Contractor must provide an Initial Training Session that includes:
  - 4.6.4.1 **Operators** - All training relating to setup, operation, safety precautions, and Operators Maintenance (see ANNEX A 4.1 Maintenance Concept).
- 4.6.5 The Contractor must provide all the materials required for training, and all course material and handouts, in English and Canadian French.
- 4.6.6 The Contractor must use the approved Initial Training Package for the Initial Training Session.
- 4.6.7 The Contractor must provide trainer(s) that are considered Subject Matter Expert(s) (SME) on the HASE-COM equipment being provided.

#### 4.7 Identification Plates

- 4.7.1 The Contractor must provide all required **Identification Plates** IAW CDRL HASE-COM-ILS-206 at Appendix A3.11 (page 39) and its associated DID HASE-COM-ILS-206 at Appendix A4.11 (page 59) to this ANNEX A.
- 4.7.2 The Contractor must attach Identification Plates to the following components for ease of tracking within the Canadian Forces Supply System:
  - 4.7.2.1 Prime Equipment;
  - 4.7.2.2 Spares, and
  - 4.7.2.3 Training Equipment.

#### 4.8 Controlled Goods List

- 4.8.1 Contractor must provide a **Controlled Goods List** and the Demilitarization Code (DMC) IAW CDRL HASE-COM-ILS-207 at Appendix A3.12 (page 40) and its associated DID HASE-COM-ILS-207 at Appendix A4.12 (page 61) to this ANNEX A.

#### 4.9 Decals and Data Plates

- 4.9.1 The Contractor must deliver all decals and data plates marked in metric units.
- 4.9.2 Where international symbols are not possible, the Contractor must provide bilingual markings in English and Canadian French.
- 4.9.3 The Contractor must provide warning and caution data plates in both official languages of Canada (English and Canadian French) where necessary to protect personnel and equipment.

- 4.9.4 The Contractor must provide a **Decals and Data Plates** IAW CDRL HASE-COM-ILS-211 at Appendix A3.16 (page 44) and its associated DID HASE-COM-ILS-211 at Appendix A4.16 (page 67) to this ANNEX A.

#### 4.10 Packaging, Labels and Codes

- 4.10.1 The Contractor must supply all parts and equipment, packaged as per D-LM-008-001/SF-001 following:
- 4.10.1.1 Level B Limited Military Package;
  - 4.10.1.2 Level B Limited Military Pack;
- 4.10.2 The Contractor must label all packaging, produced under 4.10.1 above, as per D-LM-008-002/SF-001, using D-LM-008-011/SF-001 to prepare the required packaging and preservation codes.
- 4.10.3 The Contractor must provide **Packaging, Labels and Codes** IAW CDRL HASE-COM-ILS-208 at Appendix A3.13 (page 41) to Annex A, and its associated DID HASE-COM-ILS-208 at Appendix A4.13 (page 62) to this ANNEX A.

#### 4.11 List of Items to be Supported (for In-Service Support SOW)

- 4.11.1 The Contractor must provide a **List of Items to be Supported (LIS)** IAW CDRL HASE-COM-ILS-212 at Appendix A3.17 (page 45) to Annex A, and its associated DID HASE-COM-ILS-212 at Appendix A4.17 (page 69) to this ANNEX A.

#### 4.12 Data Deliverable Format

- 4.12.1 Unless otherwise specified as a specific requirement, the Contractor must deliver all of the soft copies of data deliverables, in formats compatible with the office software currently in use by the DND as listed:
- 4.12.1.1 Microsoft (MS) Windows 7 Enterprise Operating System (OS), Service Pack 1;
  - 4.12.1.2 MS Internet Explorer (IE) 9.0 with 256 Bit Encryption;
  - 4.12.1.3 MS Office Professional Plus 2010 (32-bit) (Word, Excel, Access, PowerPoint and Outlook);
  - 4.12.1.4 Adobe Acrobat X; and
  - 4.12.1.5 WinZip 8.1 SR-1;

## **5.0 ENVIRONMENTAL HEALTH AND SAFETY**

### **5.1 General**

- 5.1.1 Environmental Health and Safety (EHS) consideration must be incorporated and documented into the decision making process for the Work performed under this Contract. EHS documentation must be maintained within the project file throughout the life of this Contract. The Contractor must provide for and allow DND inspection and monitoring of EHS documentation throughout the life of the contract.
- 5.1.2 Polychlorinated Biphenyls (PCBs), halocarbons (as identified within the Ozone-Depleting Substances Regulations, 1998), and asbestos are not to be incorporated into the design, operation and maintenance of the equipment, and products used in equipment support activities.
- 5.1.3 The Contractor must identify and report all sources of mercury contained and used within the design, operation and maintenance of the equipment, and products used in equipment support activities.
- 5.1.4 The Department is committed to the Federal programs to reduce and eliminate emissions from toxic substances. Contractors must identify and submit justifications for the use of all regulated products and those containing substances identified within the Accelerated Reduction/Elimination of Toxics (ARET, <http://www.ec.gc.ca/nopp/aret/en/list.cfm>), National Pollutant Release Inventory (NPRI, [http://www.ec.gc.ca/pdb/npri/npri\\_home\\_e.cfm](http://www.ec.gc.ca/pdb/npri/npri_home_e.cfm)) and List of Challenge Substances ([http://www.chemicalsubstanceschimiques.gc.ca/challenge-defi/list\\_e.html](http://www.chemicalsubstanceschimiques.gc.ca/challenge-defi/list_e.html)), and also for products containing heavy metals (heavy metals are those identified within Schedule 1 of the Canadian Environmental Protection Act (CEPA)) to the technical authority for approval.
- 5.1.5 Canada Labour Code, Part II dictates that the least hazardous materials should be used at the workplace. Therefore, the Contractor is to strive to use the least hazardous product that meets the requisite performance requirements.
- 5.1.6 The Contractor must incorporate EHS warnings and instructions in direct relation of the EHS risks presented in the contents into documentation.
- 5.1.7 It is the Contractor's responsibility to ensure that specifications, standards, support documents and test programs are reviewed for EHS compliance.

### **5.2 Environmental Management System**

- 5.2.1 The Contractor must have a management system in place to control environmental, health and safety impacts resulting from their activities, products and services.
- 5.2.2 The Contractor must have a formalized set of procedures and control measures in place to achieve conformance with the requirements of this Work, while ensuring environmental, health and safety protection and pollution prevention.
- 5.2.3 The Contractor must also make reasonable effort to monitor that all subcontractors are in compliance with applicable environmental laws and regulations.

### **5.3 EHS Packaging Labels and MSDS**

- 5.3.1 The Contractor must label and ship goods falling within the Hazardous Products Act, R.S.C. 1985, c. H-3 and regulation(s) there under, in accordance with the said Act and regulation(s).
  - 5.3.1.1 The Contractor must ship goods accompanied by the required Material Safety Data Sheet(s) (MSDS), completed in either English or Canadian French.

- 5.3.1.2      The Contractor must clearly identify the contents of the hazardous material with labels, and the MSDS must explain what those hazards are.

## **6.0 TECHNICAL REQUIREMENTS**

### **6.1 Overview**

6.1.1 The Contractor must comply with all specified requirements for each component of the HASE-COM System, stated in:

6.1.1.1 0

6.1.1.2 APPENDIX: HASE-COM – HIGH-ANGLE SEARCH EQUIPMENT –  
PERFORMANCE SPECIFICATION

6.1.1.3 A2.0 APPENDIX: HASE-COM – CONFINED-SPACE COMMUNICATION  
SYSTEM – PERFORMANCE SPECIFICATION

## **A1.0 APPENDIX: HASE-COM – HIGH-ANGLE SEARCH EQUIPMENT – PERFORMANCE SPECIFICATION**

### **A1.1 System Requirements**

#### **A1.1.1 General**

A1.1.1.1 The High-Angle Search Equipment (HASE) must be assembled from production components from a current production line that are not prototypes or pre-production models.

A1.1.1.2 The HASE must consist of the following components, and is further described in detail under section A1.2:

- A1.1.1.2.1 Four (4) Chest Harnesses;
- A1.1.1.2.2 Eight (8) Seat Harnesses (Four (4) of each size);
- A1.1.1.2.3 Two (2) Rolls of Multi-use Rescue/Rappel Static Rope (200m) ;
- A1.1.1.2.4 Two (2) Rolls of Climbing Dynamic Rope (200m);
- A1.1.1.2.5 Two (2) Edge Pad Rope Protectors;
- A1.1.1.2.6 One (1) Roll of Prusik Cord (200m);
- A1.1.1.2.7 One (1) Roll of Accessory Cord (200m);
- A1.1.1.2.8 Two (2) Rolls of Tubular Nylon Climbing Webbing (91m);
- A1.1.1.2.9 Five (5) Single Swivel Pulleys;
- A1.1.1.2.10 Two (2) Double Swivel Pulleys;
- A1.1.1.2.11 Two (2) Double Pulleys with Locking and Release Mechanism;
- A1.1.1.2.12 Two (2) Anchor Plates;
- A1.1.1.2.13 Thirty (30) Manual-Lock Pear Shape Carabiners;
- A1.1.1.2.14 Thirty (30) Wire Gate Carabiners;
- A1.1.1.2.15 Four (4) Belay/Rappel Devices;
- A1.1.1.2.16 Four (4) Assisted Braking Belay Devices (GriGri);
- A1.1.1.2.17 Two (2) Handheld Ascender Systems;
- A1.1.1.2.18 Two (2) Waist Tool Bags;
- A1.1.1.2.19 Two (2) Ankle Tool Bags;
- A1.1.1.2.20 One (1) Tripod and Winch System, and
- A1.1.1.2.21 One (1) Collapsible Search and Rescue Litter.

A1.1.1.3 The HASE must include all tools required to setup and maintain the HASE in accordance with the **Operator Maintenance** Concept ANNEX A paragraph 4.1.1.1 (page 12).

#### **A1.1.2 Ingress Protection**

A1.1.2.1 The HASE must have no less than an IP65 rating, or equivalent, IAW NEMA IEC 60529.

### **A1.2 System Component Requirements**

#### **A1.2.1 Chest Harness**

- A1.2.1.1 No Substitute Item
  - A1.2.1.1.1 Due to item being considered a life-saving item, certified by in-service training program, and needing to work with operational gear and clothing, no substitute will be allowed for this item, and instead an NSN is provided.
- A1.2.1.2 The Chest Harness must be the following:
  - A1.2.1.2.1 NSN 4240-14-564-1894
    - A1.2.1.2.1.1 NCAGE: F8695 (Petzl Distribution)
    - A1.2.1.2.1.2 Manufacturer Reference Number: C60
- A1.2.2 **Seat Harnesses**
  - A1.2.2.1 No Substitute Item
    - A1.2.2.1.1 Due to item being considered a life-saving item, certified by in-service training program, and needing to work with operational gear and clothing, no substitute will be allowed for this item, and instead NSNs are provided.
  - A1.2.2.2 The Seat Harnesses must be the following:
    - A1.2.2.2.1 NSN 4240-14-548-7343
      - A1.2.2.2.1.1 NCAGE: F8695 (Petzl Distribution)
      - A1.2.2.2.1.2 Manufacturer Reference Number: C38CAA 1 (Size 1)
    - A1.2.2.2.2 NSN 4240-14-548-7345
      - A1.2.2.2.2.1 NCAGE: F8695 (Petzl Distribution)
      - A1.2.2.2.2.2 Manufacturer Reference Number: C38CAA 2 (Size 2)
- A1.2.3 **Roll of Multi-use Rescue/Rappel Static Rope**
  - A1.2.3.1 The Roll of Multi-use Rescue/Rappel Static Rope must meet the following:
    - A1.2.3.1.1 200m +/- 1m in length.
    - A1.2.3.1.2 11mm (approx. 7/16 inch) in diameter.
    - A1.2.3.1.3 Rating of Minimum Breaking Strength (MBS) not less than of 30 kN.
    - A1.2.3.1.4 International Climbing and Mountaineering Federation (UIAA) Water Repellent Certified or equivalent - absorbed water not greater than 5% of the rope's weight.
  - A1.2.3.2 The Roll of Multi-use Rescue/Rappel Static Rope must include a log book for the user to document rope usage and assist with inspection and replacement.
- A1.2.4 **Roll of Climbing Dynamic Rope**
  - A1.2.4.1 The Roll of Climbing Dynamic Rope must meet the following:
    - A1.2.4.1.1 200m +/- 1m in length.
    - A1.2.4.1.2 10mm +/- 0.2mm (approx. 3/8 inch) in diameter.
    - A1.2.4.1.3 Withstand no less than five (5) successive falls (factor 1.77).
    - A1.2.4.1.4 Transmit an impact force of no more than 10 kN.
    - A1.2.4.1.5 Static elongation (rope stretch) of no more than 9%.

A1.2.4.1.6 Dynamic elongation of no more than 36%.

A1.2.4.1.7 UIAA Water Repellent Certified or equivalent - absorbed water not greater than 5% of the rope's weight.

A1.2.4.2 The Roll of Climbing Dynamic Rope must include a log book for the user to document rope usage and assist with inspection and replacement.

**A1.2.5 Edge Pad Rope Protector**

A1.2.5.1 The Edge Pad Rope Protector must meet the following:

A1.2.5.1.1 Provide static and dynamic rope protection against abrasion and dirt.

A1.2.5.1.2 Have attachment points at all four corners for securing it in place.

A1.2.5.1.3 Be no less than 140cm x 80cm in size.

**A1.2.6 Roll of Prusik Cord**

A1.2.6.1 The Roll of Prusik Cord must meet the following:

A1.2.6.1.1 200m +/- 1m in length.

A1.2.6.1.2 8mm (approx. 5/16 inch) in diameter.

A1.2.6.1.3 Rating of MBS not less than 15 kN.

**A1.2.7 Roll of Accessory Cord**

A1.2.7.1 The Roll of Accessory Cord must meet the following:

A1.2.7.1.1 200m +/- 1m in length.

A1.2.7.1.2 7mm (approx. 9/32 inch) in diameter.

A1.2.7.1.3 Rating of MBS not less than 12 kN.

**A1.2.8 Roll of Tubular Nylon Climbing Webbing**

A1.2.8.1 The Roll of Tubular Nylon Climbing Webbing must meet the following:

A1.2.8.1.1 91m +/- 1m in length.

A1.2.8.1.2 25mm (approx. 1 inch) in diameter.

A1.2.8.1.3 Rating of MBS not less than 17 kN.

**A1.2.9 Single Swivel Pulley**

A1.2.9.1 The Single Swivel Pulley must meet the following:

A1.2.9.1.1 Accept and operate with the 11mm Multi-use Rescue/Rappel Static Rope.

A1.2.9.1.2 Rating of MBS not less than 40 kN.

**A1.2.10 Double Swivel Pulley**

A1.2.10.1 The Double Swivel Pulley must meet the following:

A1.2.10.1.1 Accept and operate with the 11mm Multi-use Rescue/Rappel Static Rope.

A1.2.10.1.2 Rating of MBS not less than 40 kN.

**A1.2.11 Double Pulley with Locking and Release Mechanism**

A1.2.11.1 The Double Pulley with Locking and Release Mechanism must meet the following:

A1.2.11.1.1 Accept and operate with the 11mm Multi-use Rescue/Rappel Static Rope.

A1.2.11.1.2 Have a rope locking and release mechanism that can be released while under load.

A1.2.11.1.3 Rating of MBS not less than 38 kN.

**A1.2.12 Anchor Plate**

A1.2.12.1 The Anchor Plate must meet the following:

A1.2.12.1.1 Have no less than three (3) attachment points for the Manual-Lock Pear Shape Carabiners that are attached to anchor straps.

A1.2.12.1.2 Have one (1) attachment point for the Manual-Lock Pear Shape Carabiner that is attached to the lifeline.

A1.2.12.1.3 Rating of MBS not less than 40 kN.

**A1.2.13 Manual-Lock Pear Shape Carabiner**

A1.2.13.1 The Manual Lock Pear Shape Carabiner must meet the following:

A1.2.13.1.1 Have a manual-lock on the gate opening to prevent accidental opening, and a visual indicator mark to show when unlocked.

A1.2.13.1.2 Have the nose of the carabiner (portion where the gate is locked) free from any type of groove, allowing for unobstructed movement of the rope into and within the carabiner.

A1.2.13.1.3 No more than 100g in weight.

A1.2.13.1.4 Rating of MBS not less than 23 kN on the major axis.

**A1.2.14 Wire Gate Carabiner**

A1.2.14.1 The Wire Gate Carabiner must meet the following:

A1.2.14.1.1 Have a wire gate with spring action for simple closure.

A1.2.14.1.2 No more than 50g in weight.

A1.2.14.1.3 Rating of MBS not less than 23 kN on the major axis.

**A1.2.15 Belay/Rappel Device**

A1.2.15.1 No Substitute Item

A1.2.15.1.1 Due to item being considered a life-saving item, certified by in-service training program, and needing to work with operational gear and clothing, no substitute will be allowed for this item, and instead the NSN is provided.

A1.2.15.2 The Belay/Rappel Device must be the following:

A1.2.15.2.1 NSN 8465-01-614-1590

A1.2.15.2.1.1 NCAGE: OSZC3 (Black Diamond Equipment Ltd.)

A1.2.15.2.1.2 Manufacturer Reference Number: BD620055

**A1.2.16 Assisted Braking Belay Device (GriGri)**

A1.2.16.1 The Assisted Braking Belay Device must meet the following:

A1.2.16.1.1 Accept and operate with the 11mm Multi-use Rescue/Rappel Static Rope.

- A1.2.16.1.2 Accept and operate with the 10mm Climbing Dynamic Rope.
- A1.2.16.1.3 Brake using friction only (not with rope damaging mechanism like teeth), and hold a load of no less than 300kg.
- A1.2.16.1.4 Have one-hand operation for the braking action and allow for gradual application of force to stop the belay.

**A1.2.17 Handheld Ascender System**

- A1.2.17.1 The Handheld Ascender System must meet the following:
  - A1.2.17.1.1 Have an ergonomically-molded hand grip rope clamp for the left hand.
  - A1.2.17.1.2 Have an ergonomically-molded hand grip rope clamp for the right hand.
  - A1.2.17.1.3 Each rope clamp accepts and operates with the 11mm Multi-use Rescue/Rappel Static Rope.
  - A1.2.17.1.4 Each rope clamp must hold a load of no less than 300 kg.
  - A1.2.17.1.5 Have a lower attachment point for connection of a carabiner and foot loop.
  - A1.2.17.1.6 Have two (2) foot loops that:
    - A1.2.17.1.6.1 Are height adjustable to no less than 1.37m (approx. 54 inches).
    - A1.2.17.1.6.2 Include adjustable boot openings.
    - A1.2.17.1.6.3 Support a load of no less than 300 kg.
- A1.2.17.2 Colour requirement found at para. A1.3 must not apply to the Handheld Ascender System.

**A1.2.18 Waist Tool Bag**

- A1.2.18.1 The Waist Tool Bag must meet the following:
  - A1.2.18.1.1 Attach to the operator or the Seat Harness at or near the waist.
  - A1.2.18.1.2 Have a volume of no less than 5L.

**A1.2.19 Ankle Tool Bag**

- A1.2.19.1 The Ankle Tool Bag must meet the following:
  - A1.2.19.1.1 Attach to the operator at or near the ankle.
  - A1.2.19.1.2 Have a volume of no less than 3L.

**A1.2.20 Tripod and Winch System**

- A1.2.20.1 The Tripod must meet the following:
  - A1.2.20.1.1 Collapse down for transportation to no more than 2.5m in length.
  - A1.2.20.1.2 When at its maximum extension sustain a proof load of no less than 22kN.
  - A1.2.20.1.3 When at its maximum extension have a lift height of no less than 244 cm (approx. 8 feet), large enough to bring a person in the Collapsible Search and Rescue Litter completely out of the hole.
  - A1.2.20.1.4 Have attachment hardware on the tripod leg for attaching the Winch and have a Winch cable pulley.

A1.2.20.1.5 Have an attachment ring for attaching the Single Swivel Pulley or Double Swivel Pulleys, and the attachment ring must sustain a load of no less than 40 kN.

A1.2.20.1.6 Have Tripod leg anchor spikes for each leg.

A1.2.20.1.7 Support a safe working load of no less than 300 kg at minimum extension.

A1.2.20.1.8 Weigh no more than 32 kg.

A1.2.20.2 The Winch must meet the following:

A1.2.20.2.1 Attach to the tripod with the Tripod attachment hardware.

A1.2.20.2.2 Have a cable length of no less than 30.48m (approx. 100 feet).

A1.2.20.2.3 Have a no less than a 20:1 mechanical advantage.

A1.2.20.2.4 Support a safe working load of no less than 150 kg.

A1.2.20.2.5 Weigh no more than 17 kg.

**A1.2.21 Collapsible Search and Rescue Litter**

A1.2.21.1 No Substitute Item

A1.2.21.1.1 Due to item being considered a life-saving item, certified by in-service training program, and needing to work with operational gear and clothing, no substitute will be allowed for this item, and instead the NSN is provided.

A1.2.21.2 The Collapsible Search and Rescue Litter must be the following:

A1.2.21.2.1 NSN 6530-01-575-4004

A1.2.21.2.1.1 NCAGE: 7Z446 (Skedco, Inc.)

A1.2.21.2.1.2 Manufacturer Reference Number: SK200C-GR

**A1.3 System Colour Requirements**

A1.3.1 The HASE must have predominant exterior colours of flat/matte finish green, flat/matte finish earth tone, flat/matte finish grey or black, so that it contributes to and does not compromise a soldier's camouflage.

A1.3.1.1 If these items need to be painted in order to meet this requirement, the acceptable paint colours must be 34094 Green, 30051 Brown, 33446 Desert Tan, 34082 Green, 33105 Brown, or 33303 Sand and Black, IAW FED-STD-595C, and must be flat/matte finish

**A1.4 Environmental/Climatic Requirements**

**A1.4.1 Climatic Conditions**

A1.4.1.1 The HASE must operate in temperatures from -19°C to +49°C.

A1.4.1.2 The HASE must operate in relative humidity from 5% to 100%.

## **A2.0 APPENDIX: HASE-COM – CONFINED-SPACE COMMUNICATION SYSTEM – PERFORMANCE SPECIFICATION**

### **A2.1 System Requirements**

#### **A2.1.1 General**

- A2.1.1.1 The Confined-Space Communication (COM) system must be assembled from production components from a current production line that are not prototypes or pre-production models.
- A2.1.1.2 The COM system must consist of the following components, and is further described in detail under section A2.2:
  - A2.1.1.2.1 One (1) Communication Station
  - A2.1.1.2.2 Two (2) Communication Station Headsets;
  - A2.1.1.2.3 Four (4) Entrant Operator Headsets;
  - A2.1.1.2.4 Two (2) 30 Foot Cables;
  - A2.1.1.2.5 Four (4) 100 Foot Cables;
  - A2.1.1.2.6 One (1) Hard Transport Container for the above components.
- A2.1.1.3 The COM system must include (stored within the Hard Transport Container) all tools required to setup and maintain the COM in accordance with the **Operator Maintenance** Concept ANNEX A paragraph 4.1.1.1 (page 12).

### **A2.2 System Component Requirements**

#### **A2.2.1 Communication Station**

- A2.2.1.1 The Communication Station must meet the following:
  - A2.2.1.1.1 Connect to the two (2) Communication Station Headsets through the 30 Foot Cables.
  - A2.2.1.1.2 Connect to the four (4) Entrant Operator Headsets through the 100 Foot Cables.
  - A2.2.1.1.3 Provide simultaneous two-way communication between the two (2) Communication Station Headsets and the four (4) Entrant Operator Headsets.
  - A2.2.1.1.4 Have independent volume control for each of the six (6) Headsets.
  - A2.2.1.1.5 Operate with disposable alkaline batteries only.

#### **A2.2.2 Communication Station Headset**

- A2.2.2.1 The Communication Station Headset must meet the following:
  - A2.2.2.1.1 Combined headphone and microphone for two-way hands-free communication through the Communication Station to the Entrant Operator Headsets.

#### **A2.2.3 Entrant Operator Headset**

- A2.2.3.1 The Entrant Operator Headset must meet the following:
  - A2.2.3.1.1 Have low-profile speaker harness for holding the speaker against the Operator Entrant's ear.
  - A2.2.3.1.2 Have a throat microphone for communication when wearing a facemask.

A2.2.3.1.3 Have a neck strap for holding the throat microphone, and be adjustable to any neck size.

A2.2.3.1.4 Two-way hands-free communication through the Communication Station to the Communication Station Headset.

**A2.2.4 30 Foot Cable**

A2.2.4.1 The 30 Foot Cable must meet the following:

A2.2.4.1.1 Provide connection between the Communication Station and Communication Station Headset.

A2.2.4.1.2 Have a cable reel to allow for quick deployment and recovery.

**A2.2.5 100 Foot Cable**

A2.2.5.1 The 100 Foot Cable must meet the following:

A2.2.5.1.1 Provide connection between the Communication Station port connector and Entrant Operator Headset or Cable Splitter.

A2.2.5.1.2 Have a cable reel to allow for quick deployment and recovery.

**A2.3 Physical Requirements**

**A2.3.1 Size**

A2.3.1.1 The COM system, when compacted for transport and storage, must fit within the Soldier's Tactical Field Pack (NSN: 8465-20-000-2774).

A2.3.1.1.1 The Soldier's Tactical Field Pack (NSN: 8465-20-000-2774) has an available volume of height – 20 inches, width – 12 inches and depth – 8 inches.

**A2.4 Performance Requirements**

**A2.4.1 Operational Time**

A2.4.1.1 The COM system must operate continuously for no less than four (4) hours on one (1) set of batteries.

**A2.4.2 Ingress Protection**

A2.4.2.1 The COM system must have no less than an IP65 rating, or equivalent, IAW NEMA IEC 60529.

**A2.5 Environmental/Climatic Requirements**

**A2.5.1 Climatic Conditions**

A2.5.1.1 The COM system must operate in temperatures from –19°C to +44°C.

A2.5.1.2 The COM system must operate in relative humidity from 5% to 100%.

### **A3.0 APPENDIX: CONTRACT DATA REQUIREMENTS LIST**

#### **A3.1 CDRL Item List**

<b>CDRL #</b>	<b>Title</b>	<b>DID #</b>
HASE-COM-PM-001	Project Management Plan	HASE-COM-PM-001
HASE-COM-PM-002	Meeting Agenda	HASE-COM-PM-002
HASE-COM-PM-003	Meeting Minutes	HASE-COM-PM-003
HASE-COM-ILS-201	Operator Manual	HASE-COM-ILS-201
HASE-COM-ILS-202	Initial Training Package	HASE-COM-ILS-202
HASE-COM-ILS-203	Illustrated Parts Manual	HASE-COM-ILS-203
HASE-COM-ILS-204	Provisioning Parts Breakdown	HASE-COM-ILS-204
HASE-COM-ILS-205	Supplementary Provisioning Technical Documentation	HASE-COM-ILS-205
HASE-COM-ILS-206	Identification Plates	HASE-COM-ILS-206
HASE-COM-ILS-207	Controlled Goods List	HASE-COM-ILS-207
HASE-COM-ILS-208	Packaging, Labels and Codes	HASE-COM-ILS-208
HASE-COM-ILS-209	Quick Reference Card	HASE-COM-ILS-209
HASE-COM-ILS-210	Top Level Assembly Drawing	HASE-COM-ILS-210
HASE-COM-ILS-211	Decals and Data Plates	HASE-COM-ILS-211
HASE-COM-ILS-212	List of Items to be Supported	HASE-COM-ILS-212

## A3.2 CDRL Table Definitions

The following section defines the various blocks of information found on the CDRL forms:

### **BLOCK A – SYSTEM / ITEM**

Provides the name of the System or Item for which the CDRL applies.

### **BLOCK B – CONTRACT / RFP NUMBER**

Identifies the Contract or RFP for which the CDRL applies.

### **BLOCK C – SOW IDENTIFIER**

Identifies the SOW for which the CDRL applies.

### **BLOCK D – DATA CATEGORY**

Identifies the general category of the data for which the CDRL is being prepared.

### **BLOCK E – CONTRACTOR**

Identifies the Contractor responsible for the delivery of the CDRL.

### **BLOCK 1 - ITEM NUMBER**

The Item Number is a sequential three-digit number to uniquely identify the individual data item (CDRL number). Note that the 001-099 series is reserved to Project Management (PM) CDRLs, the 101-199 series is reserved to Systems Engineering (SE) CDRLs and the 201-299 series is reserved to Integrated Logistics Support (ILS) CDRLs.

### **BLOCK 2 - TITLE OR DESCRIPTION OF DATA**

The title of the data item being referred to in this CDRL.

### **BLOCK 3 - SUBTITLE**

This block contains the subtitle of the data item for the CDRL if the title requires further identification.

### **BLOCK 4 - AUTHORITY (DATA ITEM NUMBER)**

Indicates the Data Item Description (DID) number to which this CDRL refers.

### **BLOCK 5 - CONTRACT REFERENCE**

The specific paragraph number of the Contract Demand, Statement of Work, Request for Proposal, Specification, or other applicable document to assist in identifying the work effort associated with the data item.

### **BLOCK 6 – REQUIRING OFFICE**

Identifies the technical office of primary interest responsible for defining the data requirement, reviewing, acceptance and approval of the data item, and ensuring the adequacy of the delivered data.

### **BLOCK 7 - INSPECTION**

This block indicates the requirement for INSPECTION and ACCEPTANCE of the data. The following codes are used:

<b>CODE</b>	<b>INSPECTION</b>	<b>ACCEPTANCE</b>
SS	Source	Source
DD	Destination	Destination
SD	Source	Destination
DS	Destination	Source

If no applicable code is available for the data item, this block is marked as "N/A".

**BLOCK 8 - APPROVAL CODE (APP CODE)**

Indicates items of important data requiring specific advanced written approval, such as test plans, identified by placing an "A" in this field. These data may require submission of a preliminary draft prior to publication of a final document. When a preliminary draft is required, Block 16 must show the length of time for Government approval/disapproval and when final is to be delivered. Block 16 also indicates the extent of the approval requirements, eg, approval of technical content and format.

If advance approval is not required, this block is marked as "N/A".

**BLOCK 9 - INPUT**

Indicates if data are the integrated results of specific inputs from associated contractors by placing an "X" in this block. Otherwise the block is left blank.

**BLOCK 10 - FREQUENCY**

This block indicates the frequency of the delivered data. The following frequency codes are used:

ANNLY	Annually
ASGEN	As generated
ASREQ	As required
BI-MO	Every 2 months
BI-WK	Every 2 weeks
DAILY	Daily
MNTHY	Monthly
ONE/R	One time with revisions
OTIME	One time
QRTLY	Quarterly
R/ASR	Revisions as required
SEMIA	Semi-annually
WKLY	Weekly

**BLOCK 11 - AS OF DATE**

For data items that are submitted only once, the "as of" date or associated constraint is indicated. The following abbreviations are used for the constraints:

ASGEN	As generated
ASREQ	As required
DACA	Days after contract award
MACA	Months after contract award
EOM	End of month
EOQ	End of quarter

If the as-of date is not applicable, leave this block blank.

**BLOCK 12 - DATE OF 1ST SUBMISSION**

The initial submission date or associated constraint for the 1st submission of the data item is indicated in this block using typical abbreviations as listed above under Block 11.

**BLOCK 13 - DATE OF SUBSEQUENT SUBMISSION / EVENT**

The date(s) of subsequent submission(s) or associated constraint(s) of the data item is indicated in this block. The abbreviations used for the constraints are as listed above under Block 11. If no subsequent submission or associated are not involved, this block is marked as "N/A".

**BLOCK 14 - DISTRIBUTION AND ADDRESSEES**

Indicates the addressees and the respective number of copies (hard copies and soft copies separately), for both the initial or original submissions (Sub-Block "Initial"), and for the final or subsequent submissions (Sub-Block "Final"), for which the data item is required.

Column A contains addresses. The number of initial hard and soft copies for each addressee (as applicable) is indicated in Column B – INITIAL – Hard Copy and Column B – FINAL – Soft Copy.

**BLOCK 15 - TOTAL**

Indicates the total number of copies (hard copies and soft copies separately) required for both the original submission and for the final submission.

### A3.3 CDRL – Project Management Plan

CONTRACT DATA REQUIREMENTS LIST				DND Form 1413																
A. SYSTEM / ITEM <b>HASE-COM</b>				B. CONTRACT / RFP NUMBER <b>W8476-175509</b>																
C. SOW IDENTIFIER <b>HASE-COM SOW</b>		D. DATA CATEGORY <b>Management Data</b>		E. CONTRACTOR																
1. ITEM NUMBER <b>CDRL HASE-COM-PM-001</b>		2. TITLE OR. DESCRIPTION OF DATA <b>Project Management Plan (PMP)</b>		3. SUBTITLE																
4. AUTHORITY (Data Item Number) <b>DID HASE-COM-PM-001</b>		5. CONTRACT REFERENCE <b>ANNEX A - SOW Para. 3.2.1</b>		6. REQUIRING OFFICE																
7. INSPECTION <b>DD</b>	9. INPUT	10. FREQUENCY <b>R/ASR</b>	12. DATE OF 1 <sup>st</sup> SUBMISSION <b>See Block 16</b>	14. DISTRIBUTION and ADDRESSEES																
8. APP CODE <b>N/A</b>		11. AS OF DATE <b>N/A</b>	13. DATE OF SUB SUBMISSION <b>See Block 16</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" rowspan="3">A. ADDRESS</td> <td colspan="4">B. COPIES</td> </tr> <tr> <td colspan="2">DRAFT</td> <td colspan="2">FINAL</td> </tr> <tr> <td>Hard Copy</td> <td>Soft Copy</td> <td>Hard Copy</td> <td>Soft Copy</td> </tr> </table>				A. ADDRESS		B. COPIES				DRAFT		FINAL		Hard Copy	Soft Copy	Hard Copy
A. ADDRESS		B. COPIES																		
		DRAFT		FINAL																
		Hard Copy	Soft Copy	Hard Copy	Soft Copy															
16. REMARKS  Block 12: A draft PMP must be submitted for review within thirty (30) calendar days after the Kick-off Meeting.  Response Time: Comments on the PMP will be provided by Canada within fourteen (14) calendar days of receipt.  Block 13: The updated PMP, addressing the comments from Canada, must be submitted for acceptance within fourteen (14) calendar days after the receipt of comments.				DND TA		1	1	1	1											
				15. TOTAL		1	1	1	1											

#### A3.4 CDRL – Meeting Agenda

CONTRACT DATA REQUIREMENTS LIST				DND Form 1413																				
A. SYSTEM / ITEM <b>HASE-COM</b>				B. CONTRACT / RFP NUMBER <b>W8476-175509</b>																				
C. SOW IDENTIFIER <b>HASE-COM SOW</b>		D. DATA CATEGORY <b>Management Data</b>		E. CONTRACTOR																				
1. ITEM NUMBER <b>CDRL HASE-COM-PM-002</b>		2. TITLE OR DESCRIPTION OF DATA <b>Meeting Agenda</b>		3. SUBTITLE																				
4. AUTHORITY (Data Item Number) <b>DID HASE-COM-PM-002</b>		5. CONTRACT REFERENCE <b>ANNEX A - SOW Para. 3.3.5.1.1</b>		6. REQUIRING OFFICE																				
7. INSPECTION <b>DD</b>	9. INPUT	10. FREQUENCY <b>ASREQ</b>	12. DATE OF 1 <sup>st</sup> SUBMISSION <b>See Block 16</b>	14. DISTRIBUTION and ADDRESSEES																				
8. APP CODE <b>N/A</b>		11. AS OF DATE <b>N/A</b>	13. DATE OF SUB SUBMISSION <b>See Block 16</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">A. ADDRESS</th> <th colspan="4" style="text-align: left;">B. COPIES</th> </tr> <tr> <th colspan="2"></th> <th colspan="2" style="text-align: center;">DRAFT</th> <th colspan="2" style="text-align: center;">FINAL</th> </tr> <tr> <th colspan="2"></th> <th style="text-align: center;">Hard Copy</th> <th style="text-align: center;">Soft Copy</th> <th style="text-align: center;">Hard Copy</th> <th style="text-align: center;">Soft Copy</th> </tr> </table>				A. ADDRESS		B. COPIES						DRAFT		FINAL				Hard Copy	Soft Copy	Hard Copy
A. ADDRESS		B. COPIES																						
		DRAFT		FINAL																				
		Hard Copy	Soft Copy	Hard Copy	Soft Copy																			
16. REMARKS  Block 12: The Meeting Agenda must be submitted for review no later than seven (7) calendar days prior to each meeting.  Response Time: Comments on the Meeting Agenda, and additions and deletions of discussion items, will be provided by Canada no later than five (5) calendar days of receipt.  Block 13: The revised Meeting Agenda addressing the comments from Canada must be tabled at the meeting.				PSPC CA			1		1															
				DND TA			1		1															
				DND PA			1		1															
				15. TOTAL			3		3															

### A3.5 CDRL – Meeting Minutes

CONTRACT DATA REQUIREMENTS LIST				DND Form 1413																
A. SYSTEM / ITEM HASE-COM				B. CONTRACT / RFP NUMBER W8476-175509																
C. SOW IDENTIFIER HASE-COM SOW		D. DATA CATEGORY Management Data		E. CONTRACTOR																
1. ITEM NUMBER CDRL HASE-COM-PM-003		2. TITLE OR DESCRIPTION OF DATA Meeting Minutes		3. SUBTITLE																
4. AUTHORITY (Data Item Number) DID HASE-COM-PM-003		5. CONTRACT REFERENCE ANNEX A - SOW Para. 3.3.5.1.2		6. REQUIRING OFFICE																
7. INSPECTION DD	9. INPUT	10. FREQUENCY ASREQ	12. DATE OF 1 <sup>st</sup> SUBMISSION See Block 16	14. DISTRIBUTION and ADDRESSEES																
8. APP CODE N/A		11. AS OF DATE N/A	13. DATE OF SUB SUBMISSION See Block 16	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" rowspan="3">A. ADDRESS</td> <td colspan="4">B. COPIES</td> </tr> <tr> <td colspan="2">DRAFT</td> <td colspan="2">FINAL</td> </tr> <tr> <td>Hard Copy</td> <td>Soft Copy</td> <td>Hard Copy</td> <td>Soft Copy</td> </tr> </table>				A. ADDRESS		B. COPIES				DRAFT		FINAL		Hard Copy	Soft Copy	Hard Copy
A. ADDRESS		B. COPIES																		
		DRAFT		FINAL																
		Hard Copy	Soft Copy	Hard Copy	Soft Copy															
16. REMARKS  Block 12: Meeting minutes must be submitted for review no later than seven (7) calendar days following each meeting.  Response Time: Comments on the meeting minutes will be provided by Canada no later than seven (7) calendar days of receipt.  Block 13: Revised meeting minutes addressing the comments from Canada must be submitted for approval no later than seven (7) calendar days of receipt of comments.				PSPC CA		1		1												
				DND TA		1		1												
				DND PA		1		1												
				15. TOTAL		3		3												

### A3.6 CDRL – Operator Manual

CONTRACT DATA REQUIREMENTS LIST					DND Form 1413																				
A. SYSTEM / ITEM HASE-COM					B. CONTRACT / RFP NUMBER W8476-175509																				
C. SOW IDENTIFIER HASE-COM SOW			D. DATA CATEGORY Integrated Logistics Support		E. CONTRACTOR																				
1. ITEM NUMBER CDRL HASE-COM-ILS-201			2. TITLE OR DESCRIPTION OF DATA Operator Manual		3. SUBTITLE																				
4. AUTHORITY (Data Item Number) DID HASE-COM-ILS-201			5. CONTRACT REFERENCE ANNEX A - SOW Para. 4.2.1.1		6. REQUIRING OFFICE DND ILS Manager																				
7. INSPECTION DD	9. INPUT	10. FREQUENCY ONE/R	12. DATE OF 1 <sup>st</sup> SUBMISSION See Block 16		14. DISTRIBUTION and ADDRESSEES																				
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUB SUBMISSION See Block 16		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 5px;">A. ADDRESS</td> <td colspan="4" style="padding: 5px;">B. COPIES</td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="padding: 5px;">DRAFT</td> <td colspan="2" style="padding: 5px;">FINAL</td> </tr> <tr> <td colspan="2"></td> <td style="padding: 5px;">Hard Copy</td> <td style="padding: 5px;">Soft Copy</td> <td style="padding: 5px;">Hard Copy</td> <td style="padding: 5px;">Soft Copy</td> </tr> </table>				A. ADDRESS		B. COPIES						DRAFT		FINAL				Hard Copy	Soft Copy	Hard Copy
A. ADDRESS		B. COPIES																							
		DRAFT		FINAL																					
		Hard Copy	Soft Copy	Hard Copy	Soft Copy																				
16. REMARKS  <u>Block 12:</u> The Contractor must provide a draft Operator Manual for review by Canada no later than sixty-three (63) calendar days after the Kick off Meeting date.  <u>Response Time:</u> Comments on the Operator Manual will be provided by Canada no later than twenty-one (21) calendar days after receipt of draft submission.  <u>Block 13:</u> The revised Operator Manual addressing Canada's comments must be submitted for acceptance no later than twenty-one (21) calendar days after the receipt of Canada's comments.  <u>Block 12 (Final):</u> The Contractor must provide a draft Bilingual Operator Manual for review by Canada no later than forty-two (42) calendar days after the acceptance of the English Operator Manuals.  <u>Response Time:</u> Comments on the draft Bilingual Operator Manual will be provided by Canada no later than fourteen (14) calendar days after receipt of the submission.  <u>Block 13:</u> The revised Bilingual Operator Manual, addressing Canada's comments must be provided to Canada for acceptance no later than fourteen (14) calendar days after the receipt of comments.					DND ILSM	1	1	3	3																
					One with each kit of HASE-COM	0	0	9	9																
					15. TOTAL	1	1	12	12																

### A3.7 CDRL – Initial Training Package

CONTRACT DATA REQUIREMENTS LIST				DND Form 1413																
A. SYSTEM / ITEM HASE-COM				B. CONTRACT / RFP NUMBER W8476-175509																
C. SOW IDENTIFIER HASE-COM SOW		D. DATA CATEGORY Integrated Logistics Support		E. CONTRACTOR																
1. ITEM NUMBER CDRL HASE-COM-ILS-202		2. TITLE OR. DESCRIPTION OF DATA Initial Training Package		3. SUBTITLE																
4. AUTHORITY (Data Item Number) DID HASE-COM-ILS-202		5. CONTRACT REFERENCE ANNEX A - SOW Para. 4.2.1.2		6. REQUIRING OFFICE DND ILS Manager																
7. INSPECTION DD	9. INPUT	10. FREQUENCY ONE/R	12. DATE OF 1 <sup>st</sup> SUBMISSION See Block 16	14. DISTRIBUTION and ADDRESSEES																
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUB SUBMISSION See Block 16	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" rowspan="3">A. ADDRESS</td> <td colspan="4">B. COPIES</td> </tr> <tr> <td colspan="2">DRAFT</td> <td colspan="2">FINAL</td> </tr> <tr> <td>Hard Copy</td> <td>Soft Copy</td> <td>Hard Copy</td> <td>Soft Copy</td> </tr> </table>				A. ADDRESS		B. COPIES				DRAFT		FINAL		Hard Copy	Soft Copy	Hard Copy
A. ADDRESS		B. COPIES																		
		DRAFT		FINAL																
		Hard Copy	Soft Copy	Hard Copy	Soft Copy															
16. REMARKS  <u>Block 12:</u> The Contractor must provide a draft Initial Training Package for review by Canada within the fourteen (14) calendar days following the acceptance of the English version of the Operator Manual.  <u>Response Time:</u> Comments on the Initial Training Package will be provided by Canada no later than twenty-one (21) calendar days after receipt of draft submission.  <u>Block 13:</u> The revised Initial Training Package, addressing Canada's comments must be submitted for acceptance no later than fourteen (14) calendar days after the receipt of Canada's comments.  <u>Block 12 (Final):</u> The Contractor must provide a draft Bilingual Initial Training Package for review by Canada within the thirty-five (35) calendar days after the acceptance of the Bilingual Operator Manuals.  <u>Response Time:</u> Comments on the draft Bilingual Initial Training Package will be provided by Canada no later than fourteen (14) calendar days after receipt of the submission.  <u>Block 13:</u> The revised Bilingual Initial Training Package, addressing Canada's comments must be provided to Canada for acceptance no later than fourteen (14) calendar days after the receipt of comments.				DND ILSM		1	1	3	3											
				One per student				50 max	50 max											
				15. TOTAL		1	1	53 max	53 max											

### A3.8 CDRL – Illustrated Parts Manual

CONTRACT DATA REQUIREMENTS LIST				DND Form 1413																
A. SYSTEM / ITEM HASE-COM				B. CONTRACT / RFP NUMBER W8476-175509																
C. SOW IDENTIFIER HASE-COM SOW		D. DATA CATEGORY Integrated Logistics Support		E. CONTRACTOR																
1. ITEM NUMBER CDRL HASE-COM-ILS-203		2. TITLE OR DESCRIPTION OF DATA Illustrated Parts Manual		3. SUBTITLE																
4. AUTHORITY (Data Item Number) DID HASE-COM-ILS-203		5. CONTRACT REFERENCE ANNEX A - SOW Para. 4.3.1.1		6. REQUIRING OFFICE DND ILS Manager																
7. INSPECTION DD	9. INPUT	10. FREQUENCY ONE/R	12. DATE OF 1 <sup>st</sup> SUBMISSION See Block 16	14. DISTRIBUTION and ADDRESSEES																
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUB SUBMISSION See Block 16	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" rowspan="3">A. ADDRESS</td> <td colspan="4">B. COPIES</td> </tr> <tr> <td colspan="2">DRAFT</td> <td colspan="2">FINAL</td> </tr> <tr> <td>Hard Copy</td> <td>Soft Copy</td> <td>Hard Copy</td> <td>Soft Copy</td> </tr> </table>				A. ADDRESS		B. COPIES				DRAFT		FINAL		Hard Copy	Soft Copy	Hard Copy
A. ADDRESS		B. COPIES																		
		DRAFT		FINAL																
		Hard Copy	Soft Copy	Hard Copy	Soft Copy															
16. REMARKS  <u>Block 12:</u> The Contractor must provide a draft Illustrated Parts Manual for review by Canada no later than fifty-six (56) calendar days after the Kick off Meeting date.  <u>Response Time:</u> Comments on the Illustrated Parts Manual will be provided by Canada no later than twenty-one (21) calendar days after receipt of draft submission.  <u>Block 13:</u> The revised Illustrated Parts Manual addressing Canada's comments must be submitted for acceptance no later than twenty-one (21) calendar days before the IPC.  <u>Block 12 (Final):</u> The Contractor must provide a draft Bilingual Illustrated Parts Manual for review by Canada no later than forty-two (42) calendar days after the IPC.  <u>Response Time:</u> Comments on the draft Bilingual Illustrated Parts Manual will be provided by Canada no later than fourteen (14) calendar days after receipt of the submission.  <u>Block 13:</u> The revised Bilingual Illustrated Parts Manual, addressing Canada's comments must be provided to Canada for acceptance no later than fourteen (14) calendar days after the receipt of comments.				DND ILSM		1	1	2	2											
15. TOTAL				1	1	2	2													

### A3.9 CDRL – Provisioning Parts Breakdown

CONTRACT DATA REQUIREMENTS LIST				DND Form 1413																				
A. SYSTEM / ITEM HASE-COM				B. CONTRACT / RFP NUMBER W8476-175509																				
C. SOW IDENTIFIER HASE-COM SOW		D. DATA CATEGORY Integrated Logistics Support		E. CONTRACTOR																				
1. ITEM NUMBER CDRL HASE-COM-ILS-204		2. TITLE OR DESCRIPTION OF DATA Provisioning Parts Breakdown		3. SUBTITLE																				
4. AUTHORITY (Data Item Number) DID HASE-COM-ILS-204		5. CONTRACT REFERENCE ANNEX A - SOW Para. 4.3.1.2		6. REQUIRING OFFICE DND ILS Manager																				
7. INSPECTION DD	9. INPUT	10. FREQUENCY ONE/R	12. DATE OF 1 <sup>st</sup> SUBMISSION See Block 16	14. DISTRIBUTION and ADDRESSEES																				
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUB SUBMISSION See Block 16	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: left;">A. ADDRESS</td> <td colspan="4" style="text-align: left;">B. COPIES</td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: center;">DRAFT</td> <td colspan="2" style="text-align: center;">FINAL</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">Hard Copy</td> <td style="text-align: center;">Soft Copy</td> <td style="text-align: center;">Hard Copy</td> <td style="text-align: center;">Soft Copy</td> </tr> </table>				A. ADDRESS		B. COPIES						DRAFT		FINAL				Hard Copy	Soft Copy	Hard Copy
A. ADDRESS		B. COPIES																						
		DRAFT		FINAL																				
		Hard Copy	Soft Copy	Hard Copy	Soft Copy																			
16. REMARKS  <u>Block 12:</u> The Provisioning Parts Breakdown must be submitted for evaluation and review at the same time as the draft Illustrated Parts Manual  <u>Response Time:</u> Comments on the Provisioning Parts Breakdown will be provided by Canada within twenty-one (21) calendar days of receipt of submission.  <u>Block 13:</u> The revised Provisioning Parts Breakdown, addressing Canada comments must be submitted for acceptance no later than twenty-one (21) calendar days before the IPC.  A new submission of Provisioning Parts Breakdown must be provided if additional revisions/additions are required, once the IPC is complete.				DND ILSM		2	1	2	2															
				15. TOTAL		2	1	2	2															

### A3.10 CDRL – Supplementary Provisioning Technical Documentation

CONTRACT DATA REQUIREMENTS LIST				DND Form 1413																
A. SYSTEM / ITEM HASE-COM				B. CONTRACT / RFP NUMBER W8476-175509																
C. SOW IDENTIFIER HASE-COM SOW		D. DATA CATEGORY Integrated Logistics Support		E. CONTRACTOR																
1. ITEM NUMBER CDRL HASE-COM-ILS-205		2. TITLE OR DESCRIPTION OF DATA Supplementary Provisioning Technical Documentation		3. SUBTITLE																
4. AUTHORITY (Data Item Number) DID HASE-COM-ILS-205		5. CONTRACT REFERENCE ANNEX A - SOW Para. 4.3.1.3		6. REQUIRING OFFICE DND ILS Manager																
7. INSPECTION DD	9. INPUT	10. FREQUENCY ONE/R	12. DATE OF 1 <sup>st</sup> SUBMISSION See Block 16	14. DISTRIBUTION and ADDRESSEES																
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUB SUBMISSION See Block 16	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" rowspan="3">A. ADDRESS</td> <td colspan="4">B. COPIES</td> </tr> <tr> <td colspan="2">DRAFT</td> <td colspan="2">FINAL</td> </tr> <tr> <td>Hard Copy</td> <td>Soft Copy</td> <td>Hard Copy</td> <td>Soft Copy</td> </tr> </table>				A. ADDRESS		B. COPIES				DRAFT		FINAL		Hard Copy	Soft Copy	Hard Copy
A. ADDRESS		B. COPIES																		
		DRAFT		FINAL																
		Hard Copy	Soft Copy	Hard Copy	Soft Copy															
16. REMARKS  <u>Block 12:</u> The Supplementary Provisioning Technical Documentation must be submitted for evaluation and review together with the Provisioning Parts Breakdown.  <u>Response Time:</u> Comments on the Supplementary Provisioning Technical Documentation will be provided by Canada no later than twenty-one (21) calendar days after receipt, and will be available for the start of the Initial Provisioning Conference.  <u>Block 13:</u> The revised Supplementary Provisioning Technical Documentation, addressing Canada comments must be submitted for acceptance no later than twenty-one (21) calendar days before the IPC.  The revised Supplementary Provisioning Technical Documentation addressing Canada comments and changes resulting from decisions taken during the Initial Provisioning Conference must be submitted for acceptance no later than twenty-one (21) calendar days from the end date of the Initial Provisioning Conference.				DND ILSM		1	2	1	2											
				15. TOTAL		1	2	1	2											

### A3.11 CDRL – Identification Plates

CONTRACT DATA REQUIREMENTS LIST					DND Form 1413																				
A. SYSTEM / ITEM HASE-COM					B. CONTRACT / RFP NUMBER W8476-175509																				
C. SOW IDENTIFIER HASE-COM SOW			D. DATA CATEGORY Integrated Logistics Support		E. CONTRACTOR																				
1. ITEM NUMBER CDRL HASE-COM-ILS-206			2. TITLE OR DESCRIPTION OF DATA Identification Plates		3. SUBTITLE																				
4. AUTHORITY (Data Item Number) DID HASE-COM-ILS-206			5. CONTRACT REFERENCE ANNEX A - SOW Para. 4.7		6. REQUIRING OFFICE DND ILS Manager																				
7. INSPECTION DD	9. INPUT	10. FREQUENCY ONE/R	12. DATE OF 1 <sup>st</sup> SUBMISSION See Block 16		14. DISTRIBUTION and ADDRESSEES																				
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUB SUBMISSION See Block 16		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="padding: 5px;">A. ADDRESS</th> <th colspan="4" style="padding: 5px;">B. COPIES</th> </tr> <tr> <th colspan="2" style="padding: 5px;"></th> <th colspan="2" style="padding: 5px;">DRAFT</th> <th colspan="2" style="padding: 5px;">FINAL</th> </tr> <tr> <th style="padding: 5px;">Hard Copy</th> <th style="padding: 5px;">Soft Copy</th> <th style="padding: 5px;">Hard Copy</th> <th style="padding: 5px;">Soft Copy</th> <th style="padding: 5px;">Hard Copy</th> <th style="padding: 5px;">Soft Copy</th> </tr> </table>				A. ADDRESS		B. COPIES						DRAFT		FINAL		Hard Copy	Soft Copy	Hard Copy	Soft Copy	Hard Copy
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		DRAFT		FINAL																					
Hard Copy	Soft Copy	Hard Copy	Soft Copy	Hard Copy	Soft Copy																				
16. REMARKS					DND ILSM	1	1	1	1																
<p><u>Block 12 (Template)</u>: The Contractor must provide a draft Identification Plates design template for review by Canada no later than fourteen (14) calendar days after the Kick off Meeting date.</p> <p><u>Response Time</u>: Comments on the Identification Plates design template will be provided by Canada no later than fourteen (14) calendar days after receipt of draft design submission.</p> <p><u>Block 13</u>: The revised Identification Plates, addressing Canada's comments must be submitted for acceptance no later than fourteen (14) calendar days after the receipt of Canada's comments.</p> <p><u>Block 12 (Final)</u>: The Contractor must provide all draft populated Identification Plate designs for review by Canada no later than forty-two (42) calendar days after acceptance of the Identification Plates template design.</p> <p><u>Response Time</u>: Comments on the populated Identification Plate designs will be provided by Canada no later than twenty-one (21) calendar days after receipt of draft submission.</p> <p><u>Block 13</u>: The revised Identification Plates designs, addressing Canada's comments, must be submitted for acceptance no later than fourteen (14) calendar days after the receipt of Canada's comments.</p>																									
15. TOTAL					1	1	1	1	1																

### A3.12 CDRL – Controlled Goods List

CONTRACT DATA REQUIREMENTS LIST				DND Form 1413																				
A. SYSTEM / ITEM HASE-COM				B. CONTRACT / RFP NUMBER W8476-175509																				
C. SOW IDENTIFIER HASE-COM SOW		D. DATA CATEGORY Integrated Logistics Support		E. CONTRACTOR																				
1. ITEM NUMBER CDRL HASE-COM-ILS-207		2. TITLE OR DESCRIPTION OF DATA Controlled Goods List		3. SUBTITLE																				
4. AUTHORITY (Data Item Number) DID HASE-COM-ILS-207		5. CONTRACT REFERENCE ANNEX A - SOW Para. 4.8		6. REQUIRING OFFICE DND ILS Manager																				
7. INSPECTION DD	9. INPUT	10. FREQUENCY ONE/R	12. DATE OF 1 <sup>st</sup> SUBMISSION See Block 16	14. DISTRIBUTION and ADDRESSEES																				
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUB SUBMISSION See Block 16	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" rowspan="2">A. ADDRESS</td> <td colspan="4">B. COPIES</td> </tr> <tr> <td colspan="2">DRAFT</td> <td colspan="2">FINAL</td> </tr> <tr> <td>Hard Copy</td> <td>Soft Copy</td> <td>Hard Copy</td> <td>Soft Copy</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				A. ADDRESS		B. COPIES				DRAFT		FINAL		Hard Copy	Soft Copy	Hard Copy	Soft Copy			
A. ADDRESS		B. COPIES																						
		DRAFT		FINAL																				
Hard Copy	Soft Copy	Hard Copy	Soft Copy																					
16. REMARKS  <u>Block 12:</u> The Controlled Goods List must be submitted for evaluation and review no later than fifty-six (56) calendar days following the kick-off meeting.  <u>Response Time:</u> Comments on the Controlled Goods List will be provided by Canada within fourteen (14) calendar days of receipt of submission.  <u>Block 13:</u> The revised Controlled Goods List, addressing the comments from Canada, must be submitted for acceptance within fourteen (14) calendar days of receipt of comments.				DND ILSM	1	1	1	1																
				15. TOTAL				1	1	1	1													

### A3.13 CDRL – Packaging Labels and Codes

CONTRACT DATA REQUIREMENTS LIST				DND Form 1413																		
A. SYSTEM / ITEM HASE-COM				B. CONTRACT / RFP NUMBER W8476-175509																		
C. SOW IDENTIFIER HASE-COM SOW		D. DATA CATEGORY Integrated Logistics Support		E. CONTRACTOR																		
1. ITEM NUMBER CDRL HASE-COM-ILS-208		2. TITLE OR DESCRIPTION OF DATA Packaging, Labels and Codes		3. SUBTITLE																		
4. AUTHORITY (Data Item Number) DID HASE-COM-ILS-208		5. CONTRACT REFERENCE ANNEX A - SOW Para. 4.10		6. REQUIRING OFFICE DND ILS Manager																		
7. INSPECTION DD	9. INPUT	10. FREQUENCY ONE/R	12. DATE OF 1 <sup>st</sup> SUBMISSION See Block 16	14. DISTRIBUTION and ADDRESSEES																		
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUB SUBMISSION See Block 16	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" rowspan="2">A. ADDRESS</td> <td colspan="4">B. COPIES</td> </tr> <tr> <td colspan="2">DRAFT</td> <td colspan="2">FINAL</td> </tr> <tr> <td>Hard Copy</td> <td>Soft Copy</td> <td>Hard Copy</td> <td>Soft Copy</td> <td colspan="2"></td> </tr> </table>				A. ADDRESS		B. COPIES				DRAFT		FINAL		Hard Copy	Soft Copy	Hard Copy	Soft Copy	
A. ADDRESS		B. COPIES																				
		DRAFT		FINAL																		
Hard Copy	Soft Copy	Hard Copy	Soft Copy																			
16. REMARKS  <u>Block 12:</u> The Packaging, Labels and Codes must be submitted for evaluation and review within ninety-eight (98) calendar days after the Kick-off Meeting.  <u>Response Time:</u> Comments on Packaging, Labels and Codes will be provided by Canada within twenty-one (21) calendar days of receipt of submission.  <u>Block 13:</u> The revised Packaging, Labels and Codes, addressing the comments from Canada, must be submitted for acceptance within fourteen (14) calendar days of receipt of comments.  Revisions/Additions to the Packaging, Labels and Codes must also be provided once a range of spares are chosen from the IPC by DND to support the equipment.				DND ILSM		1	1	1	1													
				15. TOTAL		1	1	1	1													

#### A3.14 CDRL - Quick Reference Card

CONTRACT DATA REQUIREMENTS LIST				DND Form 1413																				
A. SYSTEM / ITEM <b>HASE-COM</b>				B. CONTRACT / RFP NUMBER <b>W8476-175509</b>																				
C. SOW IDENTIFIER <b>HASE-COM SOW</b>		D. DATA CATEGORY <b>Integrated Logistics Support</b>		E. CONTRACTOR																				
1. ITEM NUMBER <b>CDRL HASE-COM-ILS-209</b>		2. TITLE OR. DESCRIPTION OF DATA <b>Quick Reference Cards</b>		3. SUBTITLE																				
4. AUTHORITY (Data Item Number) <b>DID HASE-COM-ILS-209</b>		5. CONTRACT REFERENCE <b>ANNEX A - SOW Para. 4.2.1.3</b>		6. REQUIRING OFFICE <b>DND ILS Manager</b>																				
7. INSPECTION <b>DD</b>	9. INPUT	10. FREQUENCY <b>ONE/R</b>	12. DATE OF 1 <sup>st</sup> SUBMISSION <b>See Block 16</b>	14. DISTRIBUTION and ADDRESSEES																				
8. APP CODE <b>A</b>		11. AS OF DATE <b>N/A</b>	13. DATE OF SUB SUBMISSION <b>See Block 16</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">A. ADDRESS</th> <th colspan="4" style="text-align: left;">B. COPIES</th> </tr> <tr> <th colspan="2"></th> <th colspan="2" style="text-align: center;">DRAFT</th> <th colspan="2" style="text-align: center;">FINAL</th> </tr> <tr> <th colspan="2"></th> <th style="text-align: center;">Hard Copy</th> <th style="text-align: center;">Soft Copy</th> <th style="text-align: center;">Hard Copy</th> <th style="text-align: center;">Soft Copy</th> </tr> </table>				A. ADDRESS		B. COPIES						DRAFT		FINAL				Hard Copy	Soft Copy	Hard Copy
A. ADDRESS		B. COPIES																						
		DRAFT		FINAL																				
		Hard Copy	Soft Copy	Hard Copy	Soft Copy																			
16. REMARKS  <u>Block 12:</u> The Contractor must provide a draft English Quick Reference Card for review by Canada at the same time as the submission of the Operator Manuals.  <u>Response Time:</u> Comments on the Quick Reference Card will be provided by Canada no later than twenty-one (21) calendar days after receipt of the draft submission.  <u>Block 13:</u> The revised Quick Reference Card addressing Canada's comments must be submitted for acceptance no later than twenty-one (21) calendar days after the receipt of Canada's comments.  <u>Block 12 (Final):</u> The Contractor must provide a draft Bilingual Quick Reference Card for review by Canada at the same time as the submission of the Bilingual Operator Manuals.  <u>Response Time:</u> Comments on the draft Bilingual Quick Reference Card will be provided by Canada no later than fourteen (14) calendar days after receipt of the submission.  <u>Block 13:</u> The revised Bilingual Quick Reference Card, addressing Canada's comments must be provided to Canada for acceptance no later than fourteen (14) calendar days after the receipt of comments.				<b>DND ILSM</b>		<b>1</b>	<b>1</b>	<b>3</b>	<b>3</b>															
				Issued with each kit of HASE-COM		<b>0</b>	<b>0</b>	<b>9</b>	<b>9</b>															
15. TOTAL		<b>1</b>	<b>1</b>	<b>12</b>	<b>12</b>																			

**A3.15 CDRL – Top Level Assembly Drawing**

CONTRACT DATA REQUIREMENTS LIST					DND Form 1413			
A. SYSTEM / ITEM <b>HASE-COM</b>					B. CONTRACT / RFP NUMBER <b>W8476-175509</b>			
C. SOW IDENTIFIER <b>HASE-COM SOW</b>		D. DATA CATEGORY <b>Integrated Logistics Support</b>			E. CONTRACTOR			
1. ITEM NUMBER <b>CDRL HASE-COM-ILS-210</b>		2. TITLE OR. DESCRIPTION OF DATA <b>Top Level Assembly Drawing</b>			3. SUBTITLE			
4. AUTHORITY (Data Item Number) <b>DID HASE-COM-ILS-210</b>		5. CONTRACT REFERENCE <b>ANNEX A - SOW Para. 3.3.2.2.1</b>			6. REQUIRING OFFICE <b>DND ILS Manager</b>			
7. INSPECTION <b>DD</b>	9. INPUT	10. FREQUENCY <b>ONE/R</b>	12. DATE OF 1 <sup>st</sup> SUBMISSION <b>See Block 16</b>	14. DISTRIBUTION and ADDRESSEES				
8. APP CODE <b>A</b>		11. AS OF DATE <b>N/A</b>	13. DATE OF SUB-SUBMISSION <b>See Block 16</b>	A. ADDRESS	B. COPIES			
					DRAFT		FINAL	
					Hard Copy	Soft Copy	Hard Copy	Soft Copy
16. REMARKS  <b>Block 12: First Submission:</b> The Contractor must provide a draft Top Level Assembly Drawing (TLAD) for review by Canada during the Kick-Off Meeting (Annex A – SOW para 3.3.2)  <b>Response Time:</b> Comments on the TLAD will be provided by Canada no later than seven (7) calendar days after receipt of draft submission.  <b>Block 13:</b> The revised TLAD, addressing Canada's comments must be submitted for acceptance no later than seven (7) calendar days following receipt of comments from Canada.				<b>DND ILSM</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
15. TOTAL					<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

**A3.16 CDRL – Decals and Data Plates**

CONTRACT DATA REQUIREMENTS LIST					DND Form 1413																
A. SYSTEM / ITEM <b>HASE-COM</b>					B. CONTRACT / RFP NUMBER <b>W8476-175509</b>																
C. SOW IDENTIFIER <b>HASE-COM SOW</b>		D. DATA CATEGORY <b>Integrated Logistics Support</b>			E. CONTRACTOR																
1. ITEM NUMBER <b>CDRL HASE-COM-ILS-211</b>		2. TITLE OR DESCRIPTION OF DATA <b>Decals and Data Plates</b>			3. SUBTITLE																
4. AUTHORITY (Data Item Number) <b>DID HASE-COM-ILS-211</b>		5. CONTRACT REFERENCE <b>ANNEX A - SOW Para. 4.9.4</b>			6. REQUIRING OFFICE <b>DND ILS Manager</b>																
7. INSPECTION <b>DD</b>	9. INPUT	10. FREQUENCY <b>ONE/R</b>	12. DATE OF 1 <sup>st</sup> SUBMISSION <b>See Block 16</b>		14. DISTRIBUTION and ADDRESSEES																
8. APP CODE <b>A</b>		11. AS OF DATE <b>N/A</b>	13. DATE OF SUB SUBMISSION <b>See Block 16</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" rowspan="3">A. ADDRESS</td> <td colspan="4">B. COPIES</td> </tr> <tr> <td colspan="2">DRAFT</td> <td colspan="2">FINAL</td> </tr> <tr> <td>Hard Copy</td> <td>Soft Copy</td> <td>Hard Copy</td> <td>Soft Copy</td> </tr> </table>				A. ADDRESS		B. COPIES				DRAFT		FINAL		Hard Copy	Soft Copy	Hard Copy
A. ADDRESS		B. COPIES																			
		DRAFT		FINAL																	
		Hard Copy	Soft Copy	Hard Copy	Soft Copy																
16. REMARKS  <u>Block 12 (Template)</u> : The Contractor must provide a draft Decals and Data Plates design template for review by Canada no later than twenty-eight (28) calendar days after the Kick off Meeting date.  <u>Response Time</u> : Comments on the Decals and Data Plates design template will be provided by Canada no later than fourteen (14) calendar days after receipt of draft design submission.  <u>Block 13</u> : The revised Decals and Data Plates addressing Canada's comments must be submitted for acceptance no later than fourteen (14) calendar days after the receipt of Canada's comments.  <u>Block 12 (Final)</u> : The Contractor must provide all draft Bilingual populated Decals and Data Plates designs for review by Canada no later than forty-two (42) calendar days after acceptance of the Decals and Data Plates template design.  <u>Response Time</u> : Comments on the Bilingual populated Decals and Data Plates designs will be provided by Canada no later than twenty-one (21) calendar days after receipt of draft submission.  <u>Block 13</u> : The revised Bilingual Decals and Data Plates designs, addressing Canada's comments, must be submitted for acceptance no later than fourteen (14) calendar days after the receipt of Canada's comments.					DND ILSM		1	1	1	1											
					15. TOTAL		1	1	1	1											

**A3.17 CDRL – List of Items to be Supported**

<b>CONTRACT DATA REQUIREMENTS LIST</b>					<b>DND Form 1413</b>																																									
A. SYSTEM / ITEM <b>HASE-COM</b>				B. CONTRACT / RFP NUMBER <b>W8476-175509</b>																																										
C. SOW IDENTIFIER <b>HASE-COM SOW</b>		D. DATA CATEGORY <b>Integrated Logistics Support</b>		E. CONTRACTOR																																										
1. ITEM NUMBER <b>CDRL HASE-COM-ILS-212</b>		2. TITLE OR DESCRIPTION OF DATA <b>List of Items to be Supported (LIS)</b>		3. SUBTITLE																																										
4. AUTHORITY (Data Item Number) <b>DID HASE-COM-ILS-212</b>		5. CONTRACT REFERENCE <b>ANNEX A - SOW Para. 4.11</b>		6. REQUIRING OFFICE <b>DND ILS Manager</b>																																										
7. INSPECTION <b>DD</b>	9. INPUT	10. FREQUENCY <b>ONE/R</b>	12. DATE OF 1 <sup>st</sup> SUBMISSION <b>See Block 16</b>	14. DISTRIBUTION and ADDRESSEES																																										
8. APP CODE <b>N/A</b>		11. AS OF DATE	13. DATE OF SUB SUBMISSION <b>See Block 16</b>	A. ADDRESS																																										
			B. COPIES																																											
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="padding: 5px;">DRAFT</th> <th colspan="2" style="padding: 5px;">FINAL</th> </tr> <tr> <th style="padding: 5px;">Hard Copy</th> <th style="padding: 5px;">Soft Copy</th> <th style="padding: 5px;">Hard Copy</th> <th style="padding: 5px;">Soft Copy</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">1</td> <td style="text-align: center; padding: 5px;">1</td> <td style="text-align: center; padding: 5px;">1</td> <td style="text-align: center; padding: 5px;">1</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr> <td style="text-align: center; padding: 5px;">1</td> <td style="text-align: center; padding: 5px;">1</td> <td style="text-align: center; padding: 5px;">1</td> <td style="text-align: center; padding: 5px;">1</td> </tr> </tbody> </table>			DRAFT		FINAL		Hard Copy	Soft Copy	Hard Copy	Soft Copy	1	1	1	1																									1	1	1	1
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Hard Copy	Soft Copy	Hard Copy	Soft Copy																																											
1	1	1	1																																											
1	1	1	1																																											
16. REMARKS																																														
<p>Block 12: A draft LIS must be submitted for review within thirty (30) calendar days after the final acceptance of the PPB, Illustrated Parts Manual and SPTD.</p> <p>Response Time: Comments on the LIS will be provided by Canada within fourteen (14) calendar days of receipt.</p> <p>Block 13: The updated LIS, addressing the comments from Canada, must be submitted for acceptance within fourteen (14) calendar days after the receipt of comments.</p>																																														
15. TOTAL																																														

## **A4.0 APPENDIX: DATA ITEM DESCRIPTION**

### **A4.1 DID Item List**

<b>DID #</b>	<b>Title</b>	<b>CDRL #</b>
HASE-COM-PM-001	Project Management Plan	HASE-COM-PM-001
HASE-COM-PM-002	Meeting Agenda	HASE-COM-PM-002
HASE-COM-PM-003	Meeting Minutes	HASE-COM-PM-003
HASE-COM-ILS-201	Operator Manual	HASE-COM-ILS-201
HASE-COM-ILS-202	Initial Training Package	HASE-COM-ILS-202
HASE-COM-ILS-203	Illustrated Parts Manuals	HASE-COM-ILS-203
HASE-COM-ILS-204	Provisioning Parts Breakdown	HASE-COM-ILS-204
HASE-COM-ILS-205	Supplementary Provisioning Technical Documentation	HASE-COM-ILS-205
HASE-COM-ILS-206	Identification Plates	HASE-COM-ILS-206
HASE-COM-ILS-207	Controlled Goods List	HASE-COM-ILS-207
HASE-COM-ILS-208	Packaging, Labels and Codes	HASE-COM-ILS-208
HASE-COM-ILS-209	Quick Reference Card	HASE-COM-ILS-209
HASE-COM-ILS-210	Top Level Assembly Drawing	HASE-COM-ILS-210
HASE-COM-ILS-211	Decals and Data Plates	HASE-COM-ILS-211
HASE-COM-ILS-212	List of Items to be Supported	HASE-COM-ILS-212

## A4.2 DID Table Definitions

The following section defines the various blocks of information found on the Data Item Description (DID) forms:

### **BLOCK 1 – TITLE**

The title of the data item for the DID.

### **BLOCK 2 - IDENTIFICATION NUMBER**

The Data Item Description (DID) number, consisting of a sequential three-digit number and prefixed with an abbreviation code, to uniquely identify the DID. Note that the 001-099 series is reserved to Project Management (PM) DIDs, the 101-199 series is reserved to Systems Engineering (SE) DIDs and the 201-299 series is reserved to Integrated Logistics Support (ILS) DIDs. The abbreviation codes used for the prefix are:

“PM” for Project Management  
“SE” for Systems Engineering  
“ILS” for Integrated Logistics Support

### **BLOCK 3 - DESCRIPTION**

Provides a general description of the data content requirements.

### **BLOCK 4 - APPROVAL DATE**

Indicates the date of the originator's approval of the DID.

### **BLOCK 5 - OFFICE OF PRIMARY INTEREST (OPI)**

The office of primary interest for the review, acceptance and approval of the data item.

### **BLOCK 6 - GIDEP APPLICABLE**

An “X” indicates that the data is to be submitted by a Government organization or the Contractor to the Government/Industry Data Exchange Program (GIDEP). Otherwise the block is left blank.

### **BLOCK 7 - APPLICATION / INTERRELATIONSHIP**

Provides the application details and interrelationship of the data item to other DIDs or documents.

### **BLOCK 8 - ORIGINATOR**

Indicates the originator's office responsible for the DID.

### **BLOCK 9 - APPLICABLE FORMS**

Indicates all form associated with the DID.

### **BLOCK 10 - PREPARATION INSTRUCTIONS**

Provides the preparation instructions, and format and content requirements for the data.

### A4.3 DID – Project Management Plan

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
<b>1. TITLE</b> <b>Project Management Plan (PMP)</b>	<b>2. IDENTIFICATION NUMBER</b> <b>DID HASE-COM-PM-001</b>	
<b>3. DESCRIPTION</b> The Project Management Plan (PMP) is the top-level plan that describes the Contractor's strategy, plans, methodologies and processes for meeting the requirements of the Contract.		
<b>4. APPROVAL DATE</b>	<b>5. OFFICE OF PRIMARY INTEREST</b> <b>HASE-COM SYSTEM TA</b>	<b>6. GIDEP APPLICABLE</b>
<b>7. APPLICATION/INTERRELATIONSHIP</b> This Data Item Description (DID) contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the <b>ANNEX A. Para. 3.2</b>		
<b>8. ORIGINATOR</b> <b>DND / DGLEPM / DCSEM 9</b>	<b>9. APPLICABLE FORMS</b>	
<b>10. PREPARATION INSTRUCTIONS</b> <div style="margin-left: 20px;"> <b>10.1. FORMAT</b>            10.1.1. The PMP must be prepared in the Contractor's format.         </div> <div style="margin-left: 20px;"> <b>10.2. CONTENT</b>            10.2.1. The PMP must describe the management processes, administrative procedures and organizational structure that will be used to manage the Work of the Contractor. The PMP must further detail the practices and procedures for project scheduling, planning, organizing, directing, executing, communicating, reporting, managing risk, managing environmental health and safety issues and impacts, managing information, and closing of action items for all Work required by the Contract. The PMP must address in detail the above points through the following:           <div style="margin-left: 20px;"> <b>10.2.1.1. Overview:</b>              10.2.1.1.1. Purpose, Background, Scope and Objectives;              10.2.1.1.2. Assumptions, Constraints and Risks;              10.2.1.1.3. All Project Deliverables;              10.2.1.1.4. Organization Summary; and              10.2.1.1.5. Schedule Summary.           </div> <div style="margin-left: 20px;"> <b>10.2.1.2. Organization:</b>              10.2.1.2.1. Project Management Organizational Chart, consisting of internal and external organizations as it pertains to this Contract;           </div> <div style="margin-left: 20px;"> <b>10.2.1.3. Management Processes:</b>              10.2.1.3.1. Project Management Approach and Procedures;              10.2.1.3.2. Schedule Control;              10.2.1.3.3. Quality Assurance;              10.2.1.3.4. Reporting;              10.2.1.3.5. Communications;              10.2.1.3.6. Risk Management (RM);              10.2.1.3.7. Environmental, Health and Safety Issues Management;              10.2.1.3.8. Information Management (IM); and              10.2.1.3.9. Change Control Processes.           </div> </div>		

#### A4.4 DID – Meeting Agenda

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
1. TITLE <b>Meeting Agenda</b>	2. IDENTIFICATION NUMBER DID HASE-COM-PM-002	
3. DESCRIPTION Meeting Agendas must set forth the venue and identify the discussion items to be covered at meetings.		
4. APPROVAL DATE	5. OFFICE OF PRIMARY INTEREST HASE-COM SYSTEM TA	6. GIDEP APPLICABLE
7. APPLICATION/INTERRELATIONSHIP This Data Item Description (DID) contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the <b>ANNEX A. Para. 3.3.5.1.1</b>		
8. ORIGINATOR DND / DGLEPM / DCSEM 9	9. APPLICABLE FORMS	
10. PREPARATION INSTRUCTIONS 10.1. FORMAT 10.1.1. The Meeting Agenda must be in the Contractor's format. 10.2. CONTENT 10.2.1. The Meeting Agenda must set forth the venue, identify all requirements and list the discussion items to be covered at the meeting. 10.2.2. Venue. The Meeting Agenda must address the venue as follows: 10.2.2.1. Meeting Identification Number; 10.2.2.2. Purpose; 10.2.2.3. Date, time and location; and 10.2.2.4. Attendees. 10.2.3. Discussion items. The Meeting Agenda must address the discussion items through the following sections: 10.2.3.1. Opening Remarks; 10.2.3.2. Agenda Review; 10.2.3.3. Review of Previous Minutes; 10.2.3.4. Opened Discussion Items; 10.2.3.5. New Discussion Items; 10.2.3.6. Review of Action Items; 10.2.3.7. Next Venue; and 10.2.3.8. Closing Remarks.		

#### A4.5 DID – Meeting Minutes

DATA ITEM DESCRIPTION		
DND Form 1409		
1. TITLE <b>Meeting Minutes</b>	2. IDENTIFICATION NUMBER DID HASE-COM-PM-003	
3. DESCRIPTION Meeting Minutes must consist of the detailed records of proceedings, discussions, decisions and action items from meetings.		
4. APPROVAL DATE	5. OFFICE OF PRIMARY INTEREST HASE-COM SYSTEM TA	6. GIDEP APPLICABLE N/A
7. APPLICATION/INTERRELATIONSHIP This Data Item Description (DID) contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the <b>ANNEX A. Para. 3.3.5.1.2</b>		
8. ORIGINATOR DND / DGLEPM / DCSEM 9	9. APPLICABLE FORMS	
10. PREPARATION INSTRUCTIONS 10.1. FORMAT 10.1.1. The Meeting Minutes must be in the Contractor's format. 10.2. CONTENT 10.2.1. The Meeting Minutes must contain the detailed records of proceedings, discussions, decisions and action items from the meeting and be presented through the following sections: 10.2.1.1. General – consisting of meeting identification number, purpose, date, time and location; 10.2.1.2. Attendees, consisting of the organization each person represents, and the identification of the Chairperson(s); 10.2.1.3. Opening Remarks; 10.2.1.4. Status of the HASE-COM(s), if applicable to the purpose of the meeting; 10.2.1.5. Support Performance Review, consisting of problems and issues, if applicable to the purpose of the meeting; 10.2.1.6. <b>Action Item Report</b> - used to monitor issues, assign responsibility, direct action and track status, history, and progress, and must consisting of: 10.2.1.6.1. Item #; date initiated; required action; assigned actionee; target completion date; cross-reference to all related action items. 10.2.1.6.2. Action Item Report must be <b>updated</b> with each meeting and must consisting of: 10.2.1.6.2.1. Action Item current status and the actual date completed; 10.2.1.7. Next Venue; 10.2.1.8. Closing Remarks;		

#### A4.6 DID – Operator Manual

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
<b>1. TITLE</b> <b>Operator Manual</b>	<b>2. IDENTIFICATION NUMBER</b> <b>DID HASE-COM-ILS-201</b>	
<b>3. DESCRIPTION</b> The Operator Manual contains all the essential information required to describe the safe and correct operative procedures and operator maintenance associated with the HASE-COM.		
<b>4. APPROVAL DATE</b>	<b>5. OFFICE OF PRIMARY INTEREST</b> <b>HASE-COM SYSTEM ILS Manager</b>	<b>6. GIDEP APPLICABLE</b>
<b>7. APPLICATION/INTERRELATIONSHIP</b> This Data Item Description (DID) contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the <b>ANNEX A. Para. 4.2.1.1 and C-01-100-100/AG-005 Acceptance of Commercial and Foreign Government Publications as Adopted Publications 1996-02-29.</b>		
<b>8. ORIGINATOR</b> <b>HASE-COM SYSTEM ILS Technician</b>	<b>9. APPLICABLE FORMS</b>	
<b>10 PREPARATION INSTRUCTIONS</b> <div style="margin-left: 20px;"> <b>10.1 FORMAT</b>  <div style="margin-left: 20px;">           10.1.1 The Operator Manual must be prepared in the Contractor's format while being in full conformance with the above-stated issue of C-01-100-100/AG-005.            10.1.2 The National Defence Identification Number (NDID), provided to the Contractor by DND, must be placed on the top right corner of all the pages of the manual.            10.1.3 The Operator Manual's hard copies must be:  <div style="margin-left: 20px;">             10.1.3.1 Furnished with coated polyester film 360 gsm covers;              10.1.3.2 Printed on coated polyester film 185 gsm              10.1.3.3 Bound with white spiral coil (PLASTIKOIL®), and              10.1.3.4 Of dimensions that will allow the Operator Manuals to be packed in the HASE-COM's carrying case (see Appendix A2.0) without needing to be folded or otherwise distorted from flat.           </div> </div> </div> <div style="margin-left: 20px;"> <b>10.2 CONTENT</b>            10.2.1 The Operator Manual must cover the following topics, and other judged pertinent by the Contractor:  <div style="margin-left: 20px;">             10.2.1.1 General Description/Equipment Overview;              10.2.1.2 Pre-use testing/inspection;              10.2.1.3 Preparation and set up for use;              10.2.1.4 Use and operation;              10.2.1.5 Operator Maintenance;              10.2.1.6 Storage, preparation for travel, preservation, and handling procedures              10.2.1.7 Safety/Hazardous material issues;           </div>           10.2.2 The material covered in 10.2.1 above must be amplified by illustrations, line drawings, and high quality pictures as appropriate.         </div> <div style="margin-left: 20px;"> <b>10.3 ELECTRONIC FORMAT</b>            10.3.1 The Operator Manuals must be provided as a PDF file with searchable text that matches the printed publication's format and layout. Links, bookmarks and thumbnails are to be included in the PDF file. All references made to a specific paragraph, figure, appendix must be appropriately linked.            10.3.2 Viewing the PDF: pages, regardless of size, containing text and illustrations in landscape, must be         </div>		

rotated for electronic viewing and reading in landscape.

10.3.3 The Operator Manual PDF and its native file must be submitted on CD or DVD media and be labelled as follows:

- 10.3.3.1. The project name: HASE-COM;
- 10.3.3.2. The contract number: W8476-175509;
- 10.3.3.3. The Subject Matter: *Operator Manual*;
- 10.3.3.4. The DID number: HASE-COM-ILS-201;
- 10.3.3.5. The Revision number; and,
- 10.3.3.6. The date of delivery.

#### A4.7 DID – Initial Training Package

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
<b>1. TITLE</b> <b>Initial Training Package</b>	<b>2. IDENTIFICATION NUMBER</b> <b>DID HASE-COM-ILS-202</b>	
<b>3. DESCRIPTION</b> The Initial Training Package contains all the information required to teach the operation, operator maintenance and storage of the equipment.		
<b>4. APPROVAL DATE</b>	<b>5. OFFICE OF PRIMARY INTEREST</b> <b>HASE-COM SYSTEM ILS Manager</b>	<b>6. GIDEP APPLICABLE</b> <b>N/A</b>
<b>7. APPLICATION/INTERRELATIONSHIP</b> This Data Item Description (DID) contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the <b>ANNEX A. Para. 4.2.1.2.</b>		
<b>8. ORIGINATOR</b> <b>HASE-COM SYSTEM ILS Technician</b>	<b>9. APPLICABLE FORMS</b>	
<b>10. PREPARATION INSTRUCTIONS</b> <div style="margin-left: 20px;"> <b>10.1. FORMAT</b> <div style="margin-left: 20px;">           10.1.1. The Initial Training Package must be provided in MS PowerPoint Format.         </div> <b>10.2. CONTENT</b> <div style="margin-left: 20px;">           10.2.1. The Initial Training Package must be provided in English and Canadian French, and must be broken into two (2) categories: Operator Training and Technician Training.           10.2.2. The Initial Training Package must consist of the training documentation as follow:           <div style="margin-left: 20px;">             10.2.2.1. The training documentation is the material required for instruction and learning, this includes:             <div style="margin-left: 20px;">               10.2.2.1.1. Lesson plan; and               10.2.2.1.2. Student handouts.             </div>             10.2.2.2. The following topics must be addressed in the content of the Operator Training package:             <div style="margin-left: 20px;">               10.2.2.2.1. Equipment overview;               10.2.2.2.2. Pre-use testing/inspection;               10.2.2.2.3. Equipment set-up and deployment;               10.2.2.2.4. Use and operation (theory and practical);               10.2.2.2.5. Operator maintenance and care;               10.2.2.2.6. Operator Troubleshooting;               10.2.2.2.7. Storage, and preparation to travel; and               10.2.2.2.8. Safety - personnel, equipment safety issues and hazardous material issues.             </div> </div> </div> </div>		

 10.2.3. The Initial Training Package must not introduce new information and procedures relative to the *Operator Manual*: it is the master document on how to use the HASE-COM.
 
 10.3.1. The Initial Training Package in MS PowerPoint Format must be submitted on CD or DVD media, and be labelled as follows:
 

10.3.1.1. The project name: HASE-COM;
 10.3.1.2. The contract number: W8476-175509
 10.3.1.3. The Subject Matter: Initial Training Package;
 10.3.1.4. The DID number: HASE-COM-ILS-202;
 10.3.1.5. The Revision number;

10.3.1.6. The date of delivery.
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#### A4.8 DID – Illustrated Parts Manual

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
<b>1. TITLE</b> <b>Illustrated Parts Manual</b>	<b>2. IDENTIFICATION NUMBER</b> <b>DID HASE-COM-ILS-203</b>	
<b>3. DESCRIPTION</b> The Illustrated Parts Manual contains all the necessary information to positively identify all parts of the HASE-COM.		
<b>4. APPROVAL DATE</b>	<b>5. OFFICE OF PRIMARY INTEREST</b> <b>HASE-COM SYSTEM ILS Manager</b>	<b>6. GIDEP APPLICABLE</b> <b>N/A</b>
<b>7. APPLICATION/INTERRELATIONSHIP</b> This Data Item Description (DID) contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the <b>ANNEX A. Para. 4.3.1.1; and D-01-100-207/SF-002 Preparation of Interim Illustrated Parts Manuals for Land Equipment.</b>		
<b>8. ORIGINATOR</b> <b>HASE-COM SYSTEM ILS Technician</b>	<b>9. APPLICABLE FORMS</b>	
<b>10. PREPARATION INSTRUCTIONS</b> <div style="margin-left: 20px;"> <b>10.1 FORMAT</b>  <div style="margin-left: 20px;">           10.1.1 The format of the Illustrated Parts Manual must be IAW D-01-100-207/SF-002.            10.1.2 Photographs must not be used as illustrations in the IPM.            10.1.3 The accepted Illustrated Parts Manual's hard copies must be:  <div style="margin-left: 20px;">             10.1.3.1 Furnished with coated polyester film 360 gsm covers;              10.1.3.2 Printed on coated polyester film 185 gsm;              10.1.3.3 Bound with white spiral coil (PLASTIKOIL®); and              10.1.3.4 Of dimensions of US Letter.           </div> </div> </div> <div style="margin-left: 20px;"> <b>10.2 CONTENT</b>  <div style="margin-left: 20px;">           10.2.1 The content must be IAW D-01-100-207/SF-002. The drawings must be sequenced as per the PPB breakdown of assemblies. That is, a major assembly must be fully broken down before the next major assembly is shown.            10.2.2 The Illustrated Parts Manual must contain illustrations, exploded views, and drawings and associated lists necessary for the proper identification of all parts, assemblies, and special equipment to the Lowest Replaceable Unit IAW the Maintenance Concept of the HASE-COM.            10.2.3 The exploded views contained in the Illustrated Parts Manual must amplify the relationship between all parts and assemblies to facilitate repair of the HASE-COM and the replacement of parts and assemblies down to the LRU.            10.2.4 The National Defence Index of Documentation (NDID), number provided to the Contractor by DND, must be printed on the top right corner of each page of the manual.         </div> </div> <div style="margin-left: 20px;"> <b>10.3 ELECTRONIC FORMAT:</b>  <div style="margin-left: 20px;">           10.3.1 The electronic file format must be PDF, with searchable text, with pages rotated as needed for normal viewing on screen.            10.3.2 The Illustrated Parts Manual, in PDF format and its native file, must be submitted on CD or DVD media, and labelled as follows:         </div> </div>		

- 10.3.2.1 The project name: HASE-COM;
- 10.3.2.2 The contract number: W8476-175509;
- 10.3.2.3 The Subject Matter: Illustrated Parts Manual;
- 10.3.2.4 The DID number: HASE-COM-ILS-203;
- 10.3.2.5 The Revision number; and,
- 10.3.2.6 The date of delivery.

#### A4.9 DID – Provisioning Parts Breakdown

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
<b>1. TITLE</b> <b>Provisioning Parts Breakdown</b>	<b>2. IDENTIFICATION NUMBER</b> <b>DID HASE-COM-ILS-204</b>	
<b>3. DESCRIPTION</b> <p>The Provisioning Parts Breakdown provides a top down breakdown of the equipment in the configuration it is being procured in. This breakdown is accomplished by listing all parts included in the end item in a lateral and descending family tree/generation breakdown. In this breakdown, all assemblies, subassemblies and parts are listed in relation to the next higher assembly.</p>		
<b>4. APPROVAL DATE</b>	<b>5. OFFICE OF PRIMARY INTEREST</b> <b>HASE-COM SYSTEM ILS Manager</b>	<b>6. GIDEP APPLICABLE</b> <b>N/A</b>
<b>7. APPLICATION/INTERRELATIONSHIP</b> <p>This Data Item Description (DID) contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the <b>ANNEX A. Para. 4.3.1.2 and D-01-100-214/SF-000.</b></p>		
<b>8. ORIGINATOR</b> <b>HASE-COM SYSTEM ILS Technician</b>	<b>9. APPLICABLE FORMS</b>	
<b>10. PREPARATION INSTRUCTIONS</b> <div style="margin-left: 20px;"> <b>10.1. FORMAT</b> <div style="margin-left: 20px;"> 10.1.1. The Provisioning Parts Breakdown (PPB) must be prepared a Microsoft Excel Spreadsheet in accordance with CF Specification D-01-100-214/SF-000. </div> <b>10.2. CONTENT</b> <div style="margin-left: 20px;"> 10.2.1. The Provisioning Parts Breakdown must contain the data elements specified in all mandatory fields of Figure 5, column PPB, of D-01-100-214/SF-000 for each item considered for provisioning. </div> <b>10.3. ELECTRONIC FORMAT</b> <div style="margin-left: 20px;"> 10.3.1. The Provisioning Parts Breakdown in a Microsoft Excel Spreadsheet, must be submitted on CD or DVD media, and be labelled as follows: <div style="margin-left: 20px;"> 10.3.1.1. The project name: HASE-COM;  10.3.1.2. The contract number: W8476-175509  10.3.1.3. The Subject Matter: Provisioning Parts Breakdown;  10.3.1.4. The DID number: HASE-COM-ILS-204;  10.3.1.5. The Revision number;  10.3.1.6. The date of delivery. </div> </div> </div>		

#### A4.10 DID – Supplementary Provisioning Technical Documentation

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
<b>1. TITLE</b> <b>Supplementary Provisioning Technical Documentation</b>	<b>2. IDENTIFICATION NUMBER</b> <b>DID HASE-COM-ILS-205</b>	
<b>3. DESCRIPTION</b> The Supplementary Provisioning Technical Documentation (SPTD) fully identifies and describes part(s) that may be catalogued.		
<b>4. APPROVAL DATE</b>	<b>5. OFFICE OF PRIMARY INTEREST</b> <b>HASE-COM SYSTEM ILS Manager</b>	<b>6. GIDEP APPLICABLE</b> <b>N/A</b>
<b>7. APPLICATION/INTERRELATIONSHIP</b> This Data Item Description (DID) contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the <b>ANNEX A. Para. 4.3.1.3 and D-01-100-214/SF-000 and D-01-400-001/SG-000 section 7.4.</b>		
<b>8. ORIGINATOR</b> <b>HASE-COM SYSTEM ILS Technician</b>	<b>9. APPLICABLE FORMS</b>	
<b>10. PREPARATION INSTRUCTIONS</b> <div style="margin-left: 20px;"> <b>10.1. FORMAT</b> <div style="margin-left: 20px;"> <b>10.1.1.</b> The Supplementary Provisioning Technical Documentation must be prepared in PDF format and in black and white line drawings.         </div> </div> <div style="margin-left: 20px;"> <b>10.2. CONTENT</b> <div style="margin-left: 20px;"> <b>10.2.1.</b> The Supplementary Provisioning Technical Documentation (SPTD) must be provided for each item appearing on the Provisioning Documentation (para. 4.3), as follows:           <div style="margin-left: 20px;"> <b>10.2.1.1.</b> The SPTD must consist of an Assembly drawing (see -01-400-001/SG-000 section 7.4 for further details) with attached parts lists, so that DND can ensure that the Provisioning Documentation reflects the current and complete configuration of the equipment being produced.             <div style="margin-left: 20px;"> <b>10.2.1.2.</b> For item identification and cataloguing purposes, the technical data supplied for all Provisioning Documentation must be sufficiently comprehensive to allow DND to classify and fully describe the item within the NATO codification system and must be cross-referenced to the applicable contract number.             </div> </div> </div> </div> <div style="margin-left: 20px;"> <b>10.3. ELECTRONIC FORMAT</b> <div style="margin-left: 20px;"> <b>10.3.1.</b> The SPTD as a PDF, must be submitted on CD or DVD media, and be labelled as follows:           <div style="margin-left: 20px;"> <b>10.3.1.1.</b> The project name: HASE-COM;             <div style="margin-left: 20px;"> <b>10.3.1.2.</b> The contract number: W8476-175509               <div style="margin-left: 20px;"> <b>10.3.1.3.</b> The Subject Matter: SPTD;                 <div style="margin-left: 20px;"> <b>10.3.1.4.</b> The DID number: HASE-COM-ILS-205;                   <div style="margin-left: 20px;"> <b>10.3.1.5.</b> The Revision number;                     <div style="margin-left: 20px;"> <b>10.3.1.6.</b> The date of delivery.                     </div> </div> </div> </div> </div> </div> </div> </div>		

#### A4.11 DID – Identification Plates

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
<b>1. TITLE</b> <b>Identification Plates</b>	<b>2. IDENTIFICATION NUMBER</b> <b>DID HASE-COM-ILS-206</b>	
<b>3. DESCRIPTION</b> The Identification Plates uniquely identify equipment and components and spares based on the procedures governing the identification marking of Canadian military property.		
<b>4. APPROVAL DATE</b>	<b>5. OFFICE OF PRIMARY INTEREST</b> <b>HASE-COM SYSTEM ILS</b> <b>Manager</b>	<b>6. GIDEP APPLICABLE</b> <b>N/A</b>
<b>7. APPLICATION/INTERRELATIONSHIP</b> This Data Item Description (DID) contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the <b>ANNEX A. Para. 4.7 and D-02-002-001/SG-001 and D-01-400-002/SF-000.</b>		
<b>8. ORIGINATOR</b> <b>HASE-COM SYSTEM ILS Technician</b>	<b>9. APPLICABLE FORMS</b>	
<b>10. PREPARATION INSTRUCTIONS</b> <ul style="list-style-type: none"> <li>10.1. The following items must have Identification Plates attached to them prior to being delivered to DND for tracking and accountability within the Canadian Forces Supply System:               <ul style="list-style-type: none"> <li>10.1.1. Prime Equipment;</li> <li>10.1.2. All Major Components;</li> <li>10.1.3. Spares;</li> <li>10.1.4. Training Equipment;</li> <li>10.1.5. Transportation, Shipping, Storage Containers that are not single-use, and</li> <li>10.1.6. Support Equipment (excluding tools);</li> </ul> </li> <li>10.2. The Identification Plates affixed to each item listed in 10.1 must have the following data, deemed necessary by Canada , IAW D-02-002-001/SG-001, in both official languages of English and French:               <ul style="list-style-type: none"> <li>10.2.1. Item Name;</li> <li>10.2.2. Reference (Manufacturer's Part) Number;</li> <li>10.2.3. NCAGE code;</li> <li>10.2.4. Serial Number;</li> <li>10.2.5. Contract Number; and,</li> <li>10.2.6. Government Ownership Designation.</li> </ul> </li> <li>10.3. Prior to the production and installation of the Identification Plates, representative Level 2 drawings (see D-01-400-002/SF-000) of each Identification Plate must be submitted to DND for review and acceptance as follows:               <ul style="list-style-type: none"> <li>10.3.1. In soft copy as described in 10.4 below;</li> <li>10.3.2. In 1:1 scale hard copy, on white bond paper of standard North American size; and,</li> <li>10.3.3. Must describe the mounting and installation method for each Identification Plate, with all fasteners described by size, technical standard and quantity.</li> </ul> </li> <li>10.4. <b>ELECTRONIC FORMAT</b> <ul style="list-style-type: none"> <li>10.4.1. Viewing the PDF: pages, regardless of size, containing text and illustrations in landscape, must be rotated for electronic viewing and reading in landscape.</li> <li>10.4.2. The Identification Plates drawings in PDF and its native file format must be submitted on CD or DVD media, and be labelled as follows:</li> </ul> </li> </ul>		

10.4.2.1. The project name: HASE-COM;  
10.4.2.2. The contract number: W8476-175509  
10.4.2.3. The Subject Matter: Identification Plates;  
10.4.2.4. The DID number: HASE-COM-ILS-206;  
10.4.2.5. The Revision number;  
10.4.2.6. The date of delivery.

#### A4.12 DID – Controlled Goods List

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
<b>1. TITLE</b> <b>Controlled Goods List</b>	<b>2. IDENTIFICATION NUMBER</b> <b>DID HASE-COM-ILS-207</b>	
<b>3. DESCRIPTION</b> The Controlled Goods List identifies if the end item, components and sub-components of the HASE-COM that are specifically designed and modified for military purpose, and not spared as Controlled and Non-Controlled Goods to facilitate the production of Demilitarization Instructions. For items of US and Canadian origin, Demilitarization Code (DMC) will be provided in the form of a list.		
<b>4. APPROVAL DATE</b>	<b>5. OFFICE OF PRIMARY INTEREST</b> <b>HASE-COM SYSTEM ILS Manager</b>	<b>6. GIDEP APPLICABLE</b> <b>N/A</b>
<b>7. APPLICATION/INTERRELATIONSHIP</b> This Data Item Description (DID) contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the <b>ANNEX A. Para. 4.8.</b>		
<b>8. ORIGINATOR</b> <b>HASE-COM SYSTEM ILS Technician</b>	<b>9. APPLICABLE FORMS</b>	
<b>10. PREPARATION INSTRUCTIONS</b> <div style="margin-left: 20px;"> <b>10.1. FORMAT</b> <div style="margin-left: 20px;">           10.1.1. The Controlled Goods list must be in a format of a MS Excel spreadsheet with 5 columns:           <div style="margin-left: 20px;">             10.1.1.1. Item name;             10.1.1.2. Ref para for Canadian origin items (ECL);             10.1.1.3. Ref para for US origin controlled goods (USML);             10.1.1.4. Demilitarization Code (DMC)             10.1.1.5. Remarks.           </div> </div> <b>10.2. CONTENT</b> <div style="margin-left: 20px;">           10.2.1. The Controlled Goods list must be filled in the spreadsheet accordingly with the following instructions:           <div style="margin-left: 20px;">             10.2.1.1. For Canadian origin items, Canada's Export Control List (ECL) articles that apply in accordance with the Defence Product Act (DPA);             10.2.1.2. For US origin dual use, the Export Control Classification Number (ECCN) of the Commerce Control List that applies;             10.2.1.3. For US origin controlled goods also known as defence articles, the United States Munitions List (USML) Category and paragraph that apply in accordance with the International Traffic in Arms Regulations (ITAR); and             10.2.1.4. For all other countries other than Canada and the USA, the category and article of the Wassenaar Control List that applies.           </div> </div> <b>10.3. ELECTRONIC FORMAT</b> <div style="margin-left: 20px;">           10.3.1. The Controlled Goods List must be submitted on CD or DVD media, and be labelled as follows:           <div style="margin-left: 20px;">             10.3.1.1. The project name: HASE-COM;             10.3.1.2. The contract number: W8476-175509             10.3.1.3. The Subject Matter: Controlled Goods List;             10.3.1.4. The DID number: HASE-COM-ILS-207;             10.3.1.5. The Revision number;             10.3.1.6. The date of delivery.           </div> </div> </div>		

#### A4.13 DID – Packaging, Labels and Codes

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
<b>1. TITLE</b> <b>Packaging, Labels and Codes</b>	<b>2. IDENTIFICATION NUMBER</b> <b>DID HASE-COM-ILS-208</b>	
<b>3. DESCRIPTION</b> The Packaging, Labels and Codes ensures that the labelling used to identify packages for items procured by DND and shipped to and stored at a Canadian facility comply with CF Specifications and to obtain a complete record of packaging codes for catalogued items of the HASE-COM.		
<b>4. APPROVAL DATE</b>	<b>5. OFFICE OF PRIMARY INTEREST</b> HASE-COM SYSTEM ILS Manager	<b>6. GIDEP APPLICABLE</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> This Data Item Description (DID) contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the <b>ANNEX A. Para. 4.10 and:</b> <ul style="list-style-type: none"> <li>D-LM-008-011/SF-001: Preparation and Use of Packaging Requirements Codes, 1988-11-10;</li> <li>D-LM-008-002/SF-001: Specification for Marking for Storage and Shipment, 1991-08-01;</li> <li>D-01-400-002/SF-000: Levels of Engineering Drawings and Associated Lists, 2011-03-01.</li> </ul>		
<b>8. ORIGINATOR</b> HASE-COM SYSTEM ILS Technician	<b>9. APPLICABLE FORMS</b>	
<b>10. PREPARATION INSTRUCTIONS</b> <ul style="list-style-type: none"> <li>10.1. The design, populated with the appropriate data, of each Packaging Label must be provided as Level 1 engineering drawings (as defined in D-01-400-002/SF-000) dimensioned to show the measurements as defined by D-LM-008-002/SF-001 (example: text size, bar code dimensions).</li> <li>10.2. The Packaging Codes prepared from D-LM-008-011/SF-001 for the Packaging Labels for each item must be compiled into a spreadsheet containing the following columns of data, titled as below:               <ul style="list-style-type: none"> <li>10.2.1. Item Name – as given by the Contractor;</li> <li>10.2.2. Manufacturer's Manufacturer Reference Number (MRN) – Source manufacturer's part number;</li> <li>10.2.3. NCAGE – Source Manufacturer's NCAGE;</li> <li>10.2.4. OEM part number – Part number assigned by Contractor;</li> <li>10.2.5. NATO Nomenclature – Item name as assigned by NATO;</li> <li>10.2.6. NATO Stock Number;</li> <li>10.2.7. Packaging Code – as resolved by the Contractor;</li> <li>10.2.8. Label Number – cross-referenced with the label drawing number from 10.1 above.</li> </ul> </li> <li>10.3. <b>DELIVERY FORMAT</b> <ul style="list-style-type: none"> <li>10.3.1. Hard Copy: must be on letter, legal, or 11" x 17" white bond paper, as appropriate for good legibility.</li> <li>10.3.2. Soft Copy:                   <ul style="list-style-type: none"> <li>10.3.2.1. Label Drawings: as text-searchable PDF files, rotated as appropriate to permit normal viewing on-screen.</li> <li>10.3.2.2. Packaging Codes spreadsheet:                       <ul style="list-style-type: none"> <li>10.3.2.2.1. As a text-searchable PDF file, rotated as appropriate to permit normal viewing on-screen; and,</li> <li>10.3.2.2.2. As a MS Excel format spreadsheet.</li> </ul> </li> <li>10.3.2.3. All files must be submitted on CD or DVD media, and be labelled as follows:                       <ul style="list-style-type: none"> <li>10.3.2.3.1. The project name: HASE-COM;</li> </ul> </li> </ul> </li> </ul> </li> </ul>		

- |             |   |
|-------------|---|
| 10.3.2.3.2. | The contract number: W8476-175509               |
| 10.3.2.3.3. | The Subject Matter: Packaging Labels and Codes; |
| 10.3.2.3.4. | The DID number: HASE-COM-ILS-208;               |
| 10.3.2.3.5. | The Revision number;                            |
| 10.3.2.3.6. | The date of delivery.                           |

#### A4.14 DID – Quick Reference Card

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
<b>1. TITLE</b> <b>Quick Reference Card</b>	<b>2. IDENTIFICATION NUMBER</b> HASE-COM-ILS-209	
<b>3. DESCRIPTION</b> Quick Reference Card (QRC) will allow the trained HASE-COM user to quickly unpack, assemble, and safely use the HASE-COM system.		
<b>4. APPROVAL DATE</b>	<b>5. OFFICE OF PRIMARY INTEREST</b> HASE-COM SYSTEM ILS Manager	<b>6. GIDEP APPLICABLE</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> This DID contains the format, content and preparation instructions for the Quick Reference Card as required by <b>SOW Annex A. Para 4.2.1.3.1</b> and <b>DID HASE-COM-ILS-201 Operator Manual</b> , and <b>C-01-100-100/AG-006 Writing, Format and Production of Technical Publications</b>		
<b>8. ORIGINATOR</b> HASE-COM System ILS Technician	<b>9. APPLICABLE FORMS</b> N/A	
<b>10. PREPARATION INSTRUCTIONS</b> <div style="margin-left: 20px;"> <b>10.1. FORMAT</b>  The accepted QRC must be provided to the HASE-COM user as follows:  10.1.1. Containing no more than 4 sheets;  10.1.2. Printed on coated polyester film 360 gsm paper;  10.1.3. Be of dimensions that allow the QRC to be packed in the HASE-COM's carry case (see Appendix 0) without being folded and otherwise distorted from flat;  10.1.4. If multiple pages are required, they are to be firmly bound together using corrosion-proof hardware so that the QRC remains open at the desired page when laid on a flat horizontal surface; and,  10.1.5. Produced and printed exclusively in black and white. </div> <div style="margin-left: 20px; margin-top: 10px;"> <b>10.2. CONTENT</b>  10.2.1 The QRC must contain the necessary instructions to allow a trained user to quickly, safely and effectively operate the HASE-COM.  10.2.2 The QRC must assume that the HASE-COM's initial state is: packed in its carry case (see Appendix 0).  10.2.3 The instructions must be based on pictograms illustrating the sequence of steps required while using only minimal text to assist in the understanding of the document. Desired look and feel would be similar to commercial airline safety pamphlets describing the use of oxygen masks, emergency exits.  10.2.4 The QRC must not introduce new information and procedures relative to the <i>Operator Manual</i>: the <i>Operator Manual</i> is the master document on how to use the HASE-COM.  10.2.5 The QRC must contain, ahead of its main content, a cautionary advisory formatted as shown in Figure 2-1-3 of C-01-100-100/AG-006.  <div style="margin-left: 20px;"> 10.2.5.1 The cautionary advisory's heading must be determined based on the criteria set out in Part 4, Section 2, Para 8 of C-01-100-100/AG-006.  10.2.5.2 The cautionary advisory must read as follows: <b>"This Quick Reference Card is intended solely for experienced users who have been trained on this equipment, and have read and understood its Operator Manual (CFTO# to be supplied by DND). When in doubt, read the Operator Manual before operating this equipment."</b> The cautionary advisory must also have, immediately following this text, a brief description of the consequences of misuse of the equipment, linked to the same criteria listed in 10.2.5.1 above. </div> </div>		

**10.3 ELECTRONIC FORMAT**

The OQRC must be submitted in PDF and native file format (if other than PDF) on CD or DVD media, and be labelled as follows:

- 10.3.1 The project name: HASE-COM;
- 10.3.2 The contract number: W8476-175509
- 10.3.3 The DID number: HASE-COM-ILS-209;
- 10.3.4 The Subject Matter: *Operator Quick Reference Card*;
- 10.3.5 The Revision number; and,
- 10.3.6 The date of delivery.

#### A4.15 DID – Top Level Assembly Drawing

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
<b>1. TITLE</b> <b>Top Level Assembly Drawing</b>	<b>2. IDENTIFICATION NUMBER</b> HASE-COM-ILS-210	
<b>3. DESCRIPTION</b> Top Level Assembly Drawings define the assembled relationship of all the parts of the HASE-COM System.		
<b>4. APPROVAL DATE</b>	<b>5. OFFICE OF PRIMARY INTEREST</b> HASE-COM SYSTEM ILS Manager	<b>6. GIDEP APPLICABLE</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> This DID contains the format, content and preparation instructions for the Top Level Assembly Drawings as required by <b>SOW Annex A. Para 3.3.2.2.1</b> and D-01-400-001/SG-000, Engineering Drawing Practices; D-01-400-002/SF-000: Levels of Engineering Drawings and Associated Lists.		
<b>8. ORIGINATOR</b> HASE-COM System ILS Technician	<b>9. APPLICABLE FORMS</b> N/A	
<b>10. PREPARATION INSTRUCTIONS</b> <div style="margin-left: 20px;"> <b>10.1. FORMAT</b>  10.1.1. The Top Level Assembly Drawing must be prepared IAW D-01-400-001/SG-000, Engineering Drawing Practices, para 7.4 and D-01-400-002/SF-000: Levels of Engineering Drawings and Associated Lists, para 3.3.2. </div> <div style="margin-left: 20px;"> <b>10.2. CONTENT</b>  10.2.1. The Top Level Assembly Drawing must contain all information necessary to define the relationship between all the components of the HRS TOOL System in order for DND to initiate cataloging of the complete system. </div> <div style="margin-left: 20px;"> <b>10.3. DELIVERY FORMAT</b>  10.3.1. <b>Hard Copy:</b> must be on 11" x 17" white bond paper, for good legibility.  10.3.2. <b>Electronic Format</b>  10.3.2.1. The Top Level Assembly Drawing must be submitted in a PDF file, which matches the printed format and layout.  10.3.2.2. Viewing the PDF version: pages, regardless of size, containing text and illustrations in landscape, must be rotated for electronic viewing and reading in landscape.  10.3.2.3. The Top Level Assembly Drawings must be submitted on CD or DVD media, and be labelled as follows:  10.3.2.3.1. The project name: HASE-COM;  10.3.2.3.2. The contract number: W8476-175509  10.3.2.3.3. The Subject Matter: Top Level Assembly Drawing;  10.3.2.3.4. The DID number: HASE-COM-ILS-210;  10.3.2.3.5. The Revision number; and,  10.3.2.3.6. The date of delivery. </div>		

#### A4.16 DID – Decals and Data Plates

DATA ITEM DESCRIPTION		
1. TITLE Decals and Data Plates		2. IDENTIFICATION NUMBER HASE-COM-ILS-211
3. DESCRIPTION The Decals and Data Plates for HASE-COM will fully show all signs, decals and markings use on the HASE-COM System.		
4. APPROVAL DATE	5. OFFICE OF PRIMARY INTEREST HASE-COM SYSTEM ILS Manager	6. GIDEP APPLICABLE N/A
7. APPLICATION/INTERRELATIONSHIP This DID contains the format, content and preparation instructions for the Decals and Data Plates required by <b>Annex A SOW, paragraph 4.9.4</b> using D-01-400-001/SG-000, Engineering Drawing Practices; D-01-400-002/SF-000: Levels of Engineering Drawings and Associated Lists, with the modifications listed below.		
8. ORIGINATOR HASE-COM System ILS Technician		9. APPLICABLE FORMS N/A
10 PREPARATION INSTRUCTIONS		
10.1 FORMAT		
10.1.1 The Decals and Data Plates must be prepared in PDF format while being in compliance with D-01-400-001/SG-000 and D-01-400-002/SF-000 and produce on 11X17 paper size for clarity.		
10.1.2 No Contractor and sub-contractor logo, name, trademark, and other wording and device that may be interpreted as advertising must appear in this deliverable.		
10.2 CONTENT		
10.2.1 The Decals and Data Plates drawings must show and cover the following:		
10.2.1.1 Dimensions;		
10.2.1.1.1 Width and Length;		
10.2.1.1.2 Thickness;		
10.2.1.1.3 Size of Lettering in mm.		
10.2.1.2 Method of Affixing;		
10.2.1.3 Location of decal on Equipment;		
10.2.1.4 Colour Scheme;		
10.2.1.5 Workmanship;		
10.2.1.5.1 Type of Lettering;		
10.2.1.5.2 Proposed Markings;		
10.2.1.5.3 Type and Size of fonts.		
10.2.1.6 Materiel, Finish and Protecting Coating		
10.3 ELECTRONIC FORMAT		
10.3.1 The Decals and Data Plates must be provided as a PDF file with searchable text that matches the printed publication's format and layout. Links, bookmarks and thumbnails are to be included in the PDF file. All references made to a specific paragraph, figure, and appendix must be appropriately linked.		
10.3.2 Viewing the PDF: pages, regardless of size, containing text and illustrations in landscape, must be rotated for electronic viewing and reading in landscape.		
10.3.3 The Decals and Data Plates PDF and its native file must be submitted on CD or DVD media, and be labelled as follows:		

- |          |   |
|----------|---|
| 10.3.3.1 | The Project name: HASE-COM;                 |
| 10.3.3.2 | The Contract number: W8476-175509;          |
| 10.3.3.3 | The Subject Matter: Decals and Data Plates; |
| 10.3.3.4 | The DID number: HASE-COM-ILS-211;           |
| 10.3.3.5 | The Revision number; and,                   |
| 10.3.3.6 | The Date of delivery.                       |

#### A4.17 DID – List of Items to be Supported

<b>DATA ITEM DESCRIPTION</b>		
DND Form 1409		
<b>1. TITLE</b> <b>List of Items to be Supported</b>	<b>2. IDENTIFICATION NUMBER</b> DID HASE-COM-ILS-212	
<b>3. DESCRIPTION</b> The List of Items to be Supported (LIS) must provide the item data and suggested breakdown of the HASE-COM Repairable Items, Consumable Items and Technical Data, that will be supported once the system is delivered. DND will use this information, along with the provisioning data, to populate ISSC SOW ANNEX A Appendix A1.0: List of Items to be Supported tables.		
<b>4. APPROVAL DATE</b>	<b>5. OFFICE OF PRIMARY INTEREST</b> DND/DGLEPM/DCSEM 9	<b>6. GIDEP APPLICABLE</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> This Data Item Description (DID) contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the <b>ANNEX A. Para. 4.11</b>		
<b>8. ORIGINATOR</b> DND / DGLEPM / DCSEM 9	<b>9. APPLICABLE FORMS</b>	
<b>10. PREPARATION INSTRUCTIONS</b> <div style="margin-left: 20px;"> <b>10.1. FORMAT</b>  10.1.1. The LIS must be in the Contractor's format. </div> <div style="margin-left: 20px;"> <b>10.2. CONTENT</b>  10.2.1. The LIS must provide an overview and understanding to DND on how the HASE-COM and its associated equipment will be supported once the HASE-COM is delivered; <b>refer to the ISSC SOW for further information.</b> This should tie into the selection of Line-replaceable Units (LRUs) and depth of breakdown the supported items tables will follow.  10.2.2. The LIS must provide the supported item data and breakdown of supported items including:  <div style="margin-left: 20px;"> 10.2.2.1. <b>Repairable Items</b> - This includes the complete system, individual items of equipment or components of the complete system, Special Tools and Test Equipment, Training Equipment, and other repairable equipment (and the repairable components of each).  10.2.2.2. <b>Consumables (Non-Repairable Items)</b> - This includes the consumable/non-repairable items for DND to enable the support units to undertake operational and maintenance activities – it does not include Non-Repairable Items that the Contractor uses in undertaking maintenance.  10.2.2.3. <b>Technical Data</b> - This includes the Technical Data for which the Contractor will provide support. Support may include those publications for which the Contractor is the OEM for an Item and the incorporation of DND-approved updates from third-party OEMs into technical documents, as defined in the SOW. Training materials will also be listed, where these are to be maintained under the Contract. </div> 10.2.3. The LIS must stem from the concept of operations/support and maintenance concept of the HASE-COM. The item breakdown must begin at the depth of the provisioning documentation, specifically the PPB, but can be scaled back to higher level assemblies once the LRU is decided.  10.2.4. <b>Information already provided in the completed tables below is meant to be a guide for the Contractor on DND expectations but can be tailored based on equipment specifics.</b> </div> <div style="margin-left: 20px;"> <b>10.3. ELECTRONIC FORMAT</b>  The LIS must be submitted in PDF and in MS Word native file format on CD or DVD media, and be labelled as follows:  10.3.1. The project name: HASE-COM;  10.3.2. The contract number: W8476-175509  10.3.3. The DID number: HASE-COM-ILS-212; </div>		

- |  |
|--|
| <p>10.3.4. The Subject Matter: <i>List of Items to be Supported</i>;<br/>10.3.5. The Revision number; and,<br/>10.3.6. The date of delivery.</p> |
|--|

## Supported Repairable-Consumable Equipment and Spares Table

An explanation of each column is detailed below:

1. System Identifier MRN/OEM Part No - A unique identifier for the Item, as used in the applicable technical manuals or supply management system.
2. Item Nomenclature - The name of the Item that may include Item class/group categories and functional descriptors.
3. NATO Stock Number (NSN) - The 13-digit identifier used in NATO and allied cataloguing systems. The NSN will be included if the Item is to be ordered by DND.
4. Unit of Measure/Unit of Issue (UOM/UOI) - Unit of Measure / Unit of Issue for the consumable item (eg: kg, lt, ea, 8-pack);
5. Fleet Support Spares (FSS) minimum quantity to hold. Describes the minimum quantity of each item that the Contractor will hold, or left blank, if item does NOT have a required minimum sparing level quantity or category isn't applicable.
6. Maximum Repair Cost (MRC) - Identifies the maximum amount authorized that includes all labour and material costs, to be expended to repair an item. For MRC increase requests, standard Selection Notice Observation Message (SNOM) procedures as detailed in A-LM-184-001/JS-001 must apply.
7. Repair Turn-Around-Time (TAT) - Identifies the Repair TAT, if different from the general Repair TAT, as defined in ISS ANNEX A SOW, indicating that this item is of greater importance to the operation of the HRS-TOOL and therefore requires a faster turn-around. Repair TAT is indicated in calendar days, if left blank, then general Repair TAT is followed.
8. Yearly Detailed Inspection. Indicates which items will require a detailed inspection, performed by the Contractor, following the manufacturer's instructions for use and inspection, as defined in ANNEX A SOW paragraph 3.6.1. ('Y' = yes, 'N' or blank = no).

Item Identifier MRN/OEM Part No. (1)	Item Nomenclature (2)	NSN (if item can be ordered) (3)	UOM/UOI (4)	Fleet Support Spares (Min Qty. to hold) (5)	MRC (6)	Repair TAT (cal. days) (7)	Yearly Detailed Inspection (Y/N) (8)
Repairable/Consumable Equipment and Spares							
C60	Chest Harness	4240-14-564-1894	EA	8	-	-	Y
C38CAA 1	Seat Harness (Size 1)	4240-14-548-7343	EA	8	-	-	Y
C38CAA 2	Seat Harness (Size 2)	4240-14-548-7345	EA	8	-	-	Y
	Roll of Multi-use Rescue/Rappel Static Rope (200m)		EA	-	-	-	N

**ANNEX A**  
**TO W8476-175509**  
**REVISED JUL 19 2016**

Item Identifier MRN/OEM Part No. (1)	Item Nomenclature (2)	NSN (if item can be ordered) (3)	UOM/UOI (4)	Fleet Support Spares (Min Qty. to hold) (5)	MRC (6)	Repair TAT (cal. days) (7)	Yearly Detailed Inspection (Y/N) (8)
	Roll of Climbing Dynamic Rope (200m)		EA	-	-	-	N
	Edge Pad Rope Protector		EA	-	-	-	N
	Roll of Prusik Cord (200m)		EA	-	-	-	N
	Roll of Accessory Cord (200m)		EA	-	-	-	N
	Roll of Tubular Nylon Climbing Webbing (91m)		EA	-	-	-	N
	Single Swivel Pulley		EA	10	-	-	Y
	Double Swivel Pulley		EA	4	-	-	Y
	Double Pulley with Locking and Release Mechanism		EA	4	-	-	Y
	Anchor Plate		EA	4	-	-	Y
	Manual Lock Pear Shape Carabiner		EA	60	-	-	Y
	Wire Gate Carabiner		EA	60	-	-	Y
BD620055	Belay/Rappel Device	8465-01-614-1590	EA	8	-	-	Y
	Assisted Braking Belay Device		EA	8	-	-	Y
	Handheld Ascender System		EA	4	-	-	Y
	Waist Tool Bag		EA	-	-	-	N
	Ankle Tool Bag		EA	-	-	-	N
	Tripod and Winch System		*TBD*	2	*TBD*	*TBD*	Y
SK200C-GR	Collapsible Search and Rescue Litter	6530-01-575-4004	EA	2	-	-	Y
	Confined-Space Communication System		*TBD*	-	*TBD*	*TBD*	N
<b>Special Tools and Test Equipment</b>							

## Supported Technical Data Table

1. Publication Number - The unique identifier for the published Item of Technical Data.
2. Title - The title of the item of Technical Data.
3. Contractor Updates - The Contractor must issue updates (those that the Contractor develops, and those provided by a 3rd Party) of technical data to DND, including change pages for technical publications. ('Y' = yes, 'N' or blank = no).

Publication Identifier (1)	Title (2)	Contr. Updates (Y/N) (3)
	Operator Manual	
	Initial Training Packages	
	Illustrated Parts Manual	
	Provisioning Parts Breakdown	
	Supplementary Provisioning Technical Documentation	
	Identification Plates	
	Repair Manual	
	Quick Reference Card	
	Decals and Data Plates	

Estimated Cost Table – As per the HASE-COM Statement of Work

W8476-175509

Item	Item Description	Qty	Estimated Cost (CAD)
1	High-Angle Search Equipment (para. A1.0)	9	
2	Confined-Space Communication (para. A2.0)	9	
3	Project Management Plan (para. 3.2)	LOT	
4A	Kick-off & ILS Meeting (para. 3.3.2 & 3.3.3)	1	
4B	Meeting Agenda (para. 3.3.5.1.1)	LOT	
4C	Meeting Minutes (para. 3.3.5.1.2)	LOT	
5	Operator Manual (para. 4.2.1.1)	LOT	
6	Initial Training Package (para. 4.2.1.2)	LOT	
7	Illustrated Parts Manual (para. 4.3.1.1)	LOT	
8	Provisioning Parts Breakdown (para. 4.3.1.2)	LOT	
9	Supplementary Provisioning Technical Documentation (para. 4.3.1.3)	LOT	
10A	Initial Provisioning Guidance Conference (para. 4.4)	1	
10B	Meeting Agenda (para. 3.3.5.1.1)	LOT	
10C	Meeting Minutes (para. 3.3.5.1.2)	LOT	
11A	Initial Provisioning Conference (para. 4.5)	1	
11B	Meeting Agenda (para. 3.3.5.1.1)	LOT	
11C	Meeting Minutes (para. 3.3.5.1.2)	LOT	
12	Option to acquire Spare Parts after approval from DND (this will occur after the IPC)	N/A	N/A See below
13	Identification Plates (para. 4.7)	LOT	
14	Controlled Goods List (para. 4.8)	LOT	
15	Packaging, Labels and Codes (para. 4.10)	LOT	
16	Top Level Assembly Drawing (para. 3.3.2.2.1)	LOT	
17	Decals and Data Plates (para. 4.9.4)	LOT	
18	Quick Reference Card (para. 4.2.1.3)	LOT	
19	List of Items to be Supported (para. 4.11)	LOT	N/A
<b>Spare Parts for two (2) years of usage</b> – (assumptions are expected) user maintenance follows the Maintenance Concept para. 4.1, supported by Contractor R&O which should not be costed here.			
<b>Training Sessions</b> – Operator – Five (5) training sessions (course length of 1 day each) to be done at the following Canadian Forces Bases:	CFB Edmonton		
	CFB Petawawa		
	CFB Valcartier		
	CFB Gagetown (2 courses)		
<b>Total Estimated Cost</b>			

- **Note:** 'LOT' equates to the quantity needed to fulfill the requirements of the CDRL and revisions, until accepted by DND.
- **Note:** Interim Spares cost and Special Tool & Testing Equipment costs are not needed.