

# ANNEX D

## CANADIAN ARMY MEDIUM RANGE RADAR (MRR)

### APPLICABLE DOCUMENTS

1. General

- 1.1 The following documents, of the latest issue in effect on the date of the Request for Proposal, form a part of Annex A (Statement of Work), Appendix A1 (System Performance Specification), Annex B (In-Service Support) and Appendix C1 (DIDs) to the extent specified within each Annex/Appendix accordingly.
- 1.2 When referenced these documents are supportive of the Medium Range Radar Request for Proposal as a whole.
- 1.3 All other documents references for additional information or as examples are to be considered supplemental information only.
- 1.4 Unless otherwise specified, the issue or amendment of documents effective for this contract shall be those in effect on the date of contract award.
- 1.5 While every effort has been made to ensure the completeness of this list, document users are cautioned that all specified requirements documents cited in Appendix A1 (System Performance Specification) must be met, whether or not the documents are listed.
- 1.6 Documents referenced within the documents cited herein shall not be applicable unless the extent is specifically delineated in the corresponding document.

2. Discrepancies

- 2.1 The Contractor shall notify the Contracting Authority of discrepancies discovered within or among any of the documents which form part of the Annexes, its appendices and attachments.

3. Canadian Government Documents

- 3.1 A-P9-050-000/PT-003 Analysis of Instructional Requirements 2003-06
- 3.2 A-P9-050-000/PT-004 Design of Instructional Programs 1999-11-05
- 3.3 A-P9-050-000/PT-005 Development of Instructional Materials 2001-04-01
- 3.4 A-P9-050-000/PT-Volumes 1 to 13, [www.cda.forces.gc.ca/pub/lib-bib/cfites-eng.asp#](http://www.cda.forces.gc.ca/pub/lib-bib/cfites-eng.asp#)
- 3.5 CAN/CGSB-3.517 – 2007, Automotive (On-Road) Diesel Fuel.
- 3.6 CAN/CGSB-3.6 – 2010, Off-Road Diesel Fuel.
- 3.7 C22.1-02, Canadian Electrical Code Part 1.
- 3.8 C-01-100-100/AG-005, Adoption of Commercial and Foreign Government Publications

- 3.9 C-01-100-100/AG-006, Writing, Format and Production of Technical Publications
- 3.10 Reserved
- 3.11 D-01-000-200/SF-001, 2001-10-03, Military Nomenclature Assignment and Procedures.
- 3.12 D-01-100-214/SF-000, Specification for Preparation of Provisioning Documentation for Canadian Forces Equipment
- 3.13 D-01-300-100/SG-000, Standard for the Specification Preparation - Technical Content
- 3.14 D-01-400-001/SG-000, Engineering Drawing Practices
- 3.15 D-01-400-002/SF-000, Drawings, Engineering and Associated Lists
- 3.16 D-02-002-001/SG-001, 2003-04-01, Canadian Forces Standard Identification Marking of Canadian Military Property.
- 3.17 D-LM-008-022/SG-000, Standard for Packaging of Documentation
- 3.18 C-02-005-011/AM-000, Procedures and Guidelines for Mobile Repair Parties Manned by Contractor Personnel
- 3.19 C-02-006-002/AG-000, Information Markings on Canadian Forces Equipment
- 3.20 DAOD 3010-0, Unique Identification and Standardized Marking of Materiel
- 3.21 DAOD 3010-1, Management of Unique Identification and Standardized Marking of Materiel
- 3.22 C-02-005-009/AM-000, Inspection And Conditioning Of Materiel Returned To And Held In The Supply System;
- 3.23 D-01-000-200/SF-001, Military Nomenclature Assignment And Procedures;
- 3.24 Transportation of Dangerous Goods Act and Regulations (see <http://www.tc.gc.ca/acts-regulations/menu.htm> for latest version);
- 3.25 Hazardous Products Act (see <http://laws.justice.gc.ca/en/H-3/text.html> for latest version);
- 3.26 Entry Requirements for Wood Packaging Produced in All Areas Other Than the United States: <http://www.inspection.gc.ca/english/plaveg/protect/dir/d-98-08e.pdf>;
- 3.27 Guidelines for Regulating Wood Packaging Material in International Trade  
[https://www.ippc.int/servlet/BinaryDownloaderServlet/16259\\_ISPM\\_15\\_English.pdf?filename=1055161712885\\_ISPM15\\_e.pdf&refID=16259](https://www.ippc.int/servlet/BinaryDownloaderServlet/16259_ISPM_15_English.pdf?filename=1055161712885_ISPM15_e.pdf&refID=16259);

- 3.28 D-01-400-001/SG-000, Engineering Drawings Practices for Class 1 Drawings and Technical Data Lists;
  - 3.29 D-01-100-201/SF-000, Specification for Preparation of Installation Instructions;
  - 3.30 D-01-100-203/SF-000, Specification for Preparation of Operating Instructions;
  - 3.31 D-01-100-204/SF-000, Specification for Preparation of Preventive Maintenance Instructions;
  - 3.32 D-01-100-205/SF-000, Specification for Preparation of Corrective Maintenance Instructions;
  - 3.33 D-01-100-207/SF-000, Specification, Preparation of Parts Identification Lists;
  - 3.34 D-01-100-215/SF-000, Specification for Preparation of Materiel Change Notices (MCN) for Canadian Forces Equipment; and
  - 3.35 A-LM-184-001/JS-001, Special Instructions, Repair and Overhaul Contractors.
  - 3.36 A-LM-505-702/JS-001, Materiel Management Instruction (MMI 1702) – Unique Identification and Standardized Marking of Materiel
  - 3.37 Safety Code 6 (2009), Limits of Human Exposure to Radiofrequency Electromagnetic Energy in the Frequency Range from 3 kHz to 300 GHz
  - 3.38 C-55-040-001/TS-001 Safety Precautions and Incident Prevention Instructions Radio Frequency Radiation Safety Program.
  - 3.39 C-02-015-001/AG-000, Policy Procedures and Guidelines Unsatisfactory Condition Report
4. NATO/ABCA Publications
- 4.1 STANAG 1135 (Edition 4), Inter-changeability of Fuels, Lubricants and Associated Products by the Armed Forces of the North Atlantic Treaty Nations.
  - 4.2 STANAG 2895, Extreme Climatic Conditions and Derived Conditions for Use in Defining Design/Test Criteria for NATO Forces Materiel.
  - 4.3 STANAG 3747, Guide Specifications (Minimum Quality Standards) For Aviation Turbine Fuels (F-34, F-35, F-40 And F-44).
  - 4.4 STANAG 4007, Electrical Connectors between Prime Movers, Trailers and Towed Artillery.
  - 4.5 STANAG 4193, Technical Characteristics of IFF Mk XA and Mk XII Interrogators and Transponders.

- 4.6 STANAG 4362, Fuels For Future Ground Equipments Using Compression Ignition Or Turbine Engines.
  - 4.7 STANAG 4381, Blackout Lighting Systems for Tactical Land Vehicles.
  - 4.8 STANAG 7074 (Edition 3), Digital Geographic Information Exchange Standard (DIGEST).
  - 4.9 STANAG 7090, Guide Specification For NATO Ground Fuels.
  - 4.10 STANAG 2290, NATO Unique Identification of Items
  - 4.11 STANAG 4062 Edition 5 Sling and Tie-Down Facilities for Lifting and Tying Down Military Equipment for Movement by Land and Sea.
  - 4.12 AVTP-1, Allied Vehicle Testing Publication, Publication # 03-160W – Dynamic Stability.
5. US Government DOD Publications
- 5.1 CID A-A-52557A, Fuel Oil, Diesel; for Posts, Camps and Stations.
  - 5.2 MIL-STD-196, Joint Electronics Type Designation System.
  - 5.3 MIL-STD-209K, Lifting and Tie-down Provisions
  - 5.4 MIL HDBK 310, Global Climatic Data for Developing Military Products.
  - 5.5 MIL-STD-810G, Environmental Engineering Considerations and Laboratory Tests.
  - 5.6 MIL-STD-881C, Work Breakdown Structures for Defence Materiel Items
  - 5.7 MIL STD 1366E, Interface for Transportability Criteria.
  - 5.8 MIL-STD-2525C, Common War-Fighting Symbolology.
  - 5.9 MIL-DTL-5624U, Turbine Fuel, Aviation, Grades JP-4 and JP-5.
  - 5.10 MIL-DTL-83133, Turbine Fuels, Aviation, Kerosene Types, NATO F-34 (JP-8), NATO F-35, and JP-8+100.
  - 5.11 MIL-PRF-89020, Performance Specification, Digital Terrain Elevation Data (DTED).
  - 5.12 MIL-PRF-89038, Performance Specification, Compressed ARC Digitized Raster Graphics (CADRG).
  - 5.13 MIL-PRF-89041A, Performance Specification, Controlled Image Base (CIB).

- 5.14 MIL-PRF-0089049, Performance Specification, Vector Product Format (VPF) Products, General Specification for
- 5.15 US DOD AIMS 03-1000 Technical Standard for the ATCRBS/IFF/Mark XIIA Electronic Identification and Military Implementation of Mode S.
- 5.16 MIL-STD-973A Configuration Management.
- 5.17 MIL-HDBK-217F, Reliability Prediction of Electronic Equipment
- 5.18 MIL-STD-1629A, Procedures for Performing a Failure Mode, Effects and Criticality Analysis.
- 5.19 MIL-DTL-87268C Interactive Electronic Technical Manuals - General Content, Style, Format, and User-Interaction Requirements

6. Commercial Publications

- 6.1 ASME Y14.100, Engineering Drawing Practices
- 6.2 ASME Y14.24, Types and Applications of Engineering Drawings
- 6.3 ASME Y14.34M, Associated Lists
- 6.4 ASTM D975, Oils, Diesel Fuel.
- 6.5 ASTM D1655, Aviation Turbine Fuels.
- 6.6 EIA-649 National Consensus Standard for Configuration Management
- 6.7 ICAO Annex 10 Aeronautical Telecommunications.
- 6.8 ISO 9660, Information Processing - Volume and File Structure of CDROM for Information Interchange
- 6.9 Z234.1-00, Canadian Metric Practices Guide
- 6.10 Low-Angle Radar Land Clutter: Measurements and Empirical Models by J. Barrie Billingsley.
- 6.11 Probability of Detection for Fluctuating Targets, Peter Swerling, Rand Research Memo RM-1217, 17 March 1954; [www.rand.org/pubs/research\\_memoranda/RM1217.html](http://www.rand.org/pubs/research_memoranda/RM1217.html).
- 6.12 Radar Design Principles: Processing and the Environment by Fred E. Nathanson, J. Patrick Reilly and Marvin N. Cohen.
- 6.13 Radar Handbook edited by Merrill I. Skolnik, Second Edition.

- 6.14 Naval Research Laboratory report Rain Clutter Statistics by William B. Gordon and Jon D. Wilson.
- 6.15 The Shape of Doppler Spectra from Precipitation by Louis H. Janssen and Gerard A. Van Der Spek.
- 6.16 The Terminal Velocity of Fall for Water Droplets in Stagnant Air by Ross Gunn and Gilbert D. Kinzer.
- 6.17 ASTERIX by EUROCONTROL - [www.eurocontrol.int/services/asterix](http://www.eurocontrol.int/services/asterix) - All Purpose Structured Eurocontrol Surveillance Information Exchange
- 6.18 IEC 60529 Ed 2.1 International Standard, Degrees of Protection Provided by Enclosures (IP Code)