

MINUTEMAN MINIMUM ESSENTIAL EMERGENCY  
COMMUNICATIONS NETWORK (MEECN) PROGRAM (MMP)  
UPGRADE

SYSTEM DEVELOPMENT AND DEMONSTRATION (SDD)

ATTACHMENT 8

WORK BREAKDOWN STRUCTURE

SOLICITATION NO. FA8726-07-R-0018

**MINUTEMAN MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN)  
PROGRAM (MMP) UPGRADE**

**SYSTEM DEVELOPMENT AND DEMONSTRATION (SDD)**

**ATTACHMENT 8**

**WORK BREAKDOWN STRUCTURE**

**SOLICITATION # FA8726-07-R-0018**

## 3.0 MMP UPGRADE SYSTEM DESIGN &amp; DEVELOPMENT (SDD) WORK:

- 3.1 Prime Mission Product
  - 3.1.1 Non-recurring engineering
  - 3.1.2 Production Representative Hardware Items
  - 3.1.3 Installation Kit (A-kit Prototypes)
  - 3.1.4 Production Representative Software Items
  - 3.1.5 Integration and Assembly
- 3.2 PROGRAM MANAGEMENT
  - 3.2.0 Integrated Product Team (IPT)
  - 3.2.1 Risk Management Program (RMP)
  - 3.2.2 Contract Performance Management Information System
    - 3.2.2.1 Integrated Master Plan (IMP)
    - 3.2.2.2 Integrated Master Schedule (IMS)
    - 3.2.5.3 Earned Value Management System (EVMS)
    - 3.2.2.4 Work Breakdown Structure
    - 3.2.2.5 Status Reporting
    - 3.2.2.6 Budget Status
- 3.2 DATA MANAGEMENT
  - 3.2.1 Integrated Digital Environment (IDE)
  - 3.2.2 Data Accession List (DAL)
- 3.3 SYSTEM ENGINEERING
  - 3.3.1 Systems Engineering Processes
  - 3.3.2 Engineering Documentation
    - 3.3.2.1 Interface Control Document (ICD)
  - 3.3.3 Modeling and Simulation
  - 3.3.4 Concept of Operations
  - 3.3.5 Reuse and Modified Reuse Products
  - 3.3.6 OSS&E
    - 3.2.6.1 Process Performance
    - 3.2.6.2 Metrics and Indicators
    - 3.2.6.3 Reliability
    - 3.2.6.4 Maintainability
    - 3.2.6.5 System Safety
    - 3.2.6.6 Configuration Management
- 3.4 SOFTWARE ENGINEERING
  - 3.4.1 Software Development Plan
  - 3.4.2 Software Communications Architecture (SCA) Compliance
- 3.5 LOGISTICS PLANNING
  - 3.5.1 LOGISTICS PERFORMANCE METRICS
  - 3.5.2 Logistic Support Analyses (LSA)
    - 3.5.2.1 Manpower and Personnel
    - 3.5.2.2 Support Equipment
    - 3.5.2.3 Supply Support
  - 3.5.3 Maintenance
    - 3.5.3.1 Pre-operational Support
    - 3.5.3.2 Organizational Maintenance

- 3.4.2.2 Depot Maintenance
- 3.5.4 Government Furnished Property (GFP)
  - 3.5.4.1 GFP Administration
  - 3.5.4.2 GFE/GFP Repair / Work Request
- 3.5.5 Engineering Drawings
- 3.5.6 Operator/Maintenance Training Source Data
- 3.5.7 Technical Data
- 3.5.8 Item Unique Identification (IUID)
- 3.6 PRODUCTION PLANNING
  - 3.6.1 Plan & Schedule
  - 3.6.2 Readiness
  - 3.6.3 Acceptance Test
- 3.7 WEAPON SYSTEM INTEGRATION
  - 3.7.1 IPIC Coordination
  - 3.7.2 Modification Kits
  - 3.7.3 Analysis and Source Data
- 3.8 TEST AND EVALUATION
  - 3.8.1 Test Program Plan
  - 3.8.2 Integrated Test Team
  - 3.8.3 Weapon System Test and Operational Test Support
  - 3.8.4 Test Readiness Reviews (TRRs)
  - 3.8.5 Deficiency Reporting
- 3.9 CERTIFICATION AND ACCREDITATION
  - 3.9.1 Emergency Action Message (EAM)
  - 3.9.2 Type 1 Information Assurance (IA) Certification
  - 3.9.3 Defense Information Assurance Certification and Accreditation Process (DIACAP)
- 4.0 MMP UPGRADE PRODUCTION AND FIELDING WORK
  - 4.1 Prime Mission Product
    - 4.1.1 Non-recurring engineering
    - 4.1.2 Production Representative Hardware Items
    - 4.1.3 Installation Kit (A-kit Prototypes)
    - 4.1.4 Production Representative Software Items
    - 4.1.5 Spares
  - 4.2 INTERIM CONTRACTOR SUPPORT
    - 4.2.1 ICS Depot Maintenance
      - 4.2.1.1 Hardware
      - 4.2.1.2 Software
    - 4.2.2 Failure Analysis
    - 4.2.3 Trainers and Training Materials
    - 4.2.4 Technical Data
    - 4.2.5 Trainer Source Data
    - 4.2.6 Supply Support Planning
    - 4.2.7 Engineering Drawings
    - 4.2.8 OSS&E

Attachment 8  
WBS

- 4.2.8.1 Risk Management Program (RMP)
- 4.2.8.2 Configuration Management
- 4.2.9 Government Furnished Property (GFP)
  - 4.2.9.1 GFP Administration
  - 4.2.9.2 GFE/GFP Repair / Work Request
- 4.3 PROGRAM MANAGEMENT
  - 4.3.1 Contract Performance Management Information System
    - 4.3.2.1 Integrated Master Plan (IMP)
    - 4.3.2.2 Integrated Master Schedule (IMS)
    - 4.3.2.3 Earned Value Management System (EVMS)
    - 4.3.2.4 Work Breakdown Structure
    - 4.3.2.5 Status Reporting
    - 4.3.2.6 Budget Status
- 4.4 FIELDING SUPPORT
- 4.5 Data Management
  - 4.5.1 Integrated Digital Environment (IDE)
  - 4.5.2 Data Accession List (DAL)