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1. 0. INTRODUCTION

The purpose of this Statement of Work (SOW) is to set forth the programmatic support requirements for the U.S. Army Aviation and Missile Command (AMCOM) and its customers managed systems/equipment/technology, hereinafter referred to as the Army. A current list of categories and representative examples of Army missions is included in Attachment 02.

2. 0. SCOPE

The contractor shall provide all supervision, labor, incidental materials, and other services necessary to perform programmatic support in monitoring, assessing, coordinating, analyzing, and integrating component programs/activities, including briefings/presentations and agendas for the total life cycle of the systems. In addition, the contractor shall provide support for Advanced Technology Demonstrations (ATDs), Advanced Concept Technology Demonstrations (ACTDs), Non-Developmental Items (NDIs), Commercial Off-the-Shelf (COTs) and other acquisition streamlining initiatives.

The contractor shall provide input, advice, and recommendations to special teams formed to provide expeditious resolution of programmatic problems.

The contractor may be required to perform services at its own facility (off-site) or at a duty station at any U.S. Government facility or other designated facilities (on-site) within the Continental US (CONUS) or outside the Continental US (OCONUS), as specified by individual task orders.

The contractor shall have the capability to provide programmatic support required by this Statement of Work in the event of a deployment, whether contingency or for training purposes. In providing the support required by this SOW in a deployed status, the contractor will be required to abide by the rules of engagement, policies and procedures established for the particular operation supported.

3.0 PROGRAMMATIC FUNCTIONAL SPECIALTY AREAS

3.1 PS1 RESOURCE MANAGEMENT SUPPORT

The contractor shall perform, conduct research efforts, and provide recommendations in the following representative resource management activities:

- a. Data collection, analysis, and recommendations for resource management initiatives.
- b. Development and/or calibration of resource management related software models.
- c. Development and maintenance of resource management specialized computer programs, databases, and data storage and retrieval systems.

3.2 PS2 COST ESTIMATING/ANALYSIS

The contractor shall provide input and recommendations for cost estimating and/or budget activities inclusive of all program life cycle phases, in accordance with (IAW) applicable DOD Directives, Army regulations, and policies. The following are representative cost estimating and/or budget activities:

- a. Independent Cost Analyses.
- b. Program Office Estimates (POEs).
- c. Cost Analysis Requirements Description (CARD).
- d. Analysis of Alternatives (AoA).
- e. Cost estimating activities in support of the following representative areas:
 - (1) Cost/acquisition teams
 - (2) Design-to-Cost reviews
 - (3) Source Selection Evaluation Boards
 - (4) Army acquisition process, to include Operating and Support (O&S) and Life Cycle Cost/Total Ownership cost activities.
- f. Cost research projects to develop estimating techniques for new state-of-the-art technology.
- g. Operations research analysis in support of cost effectiveness related studies, such as Milestone Reviews.

- h. Life-Cycle Cost/Design-to-Cost.
- i. O&S Cost Reduction Analysis.
- j. Cost Risk Evaluation.
- k. Technical Risk Evaluation.
- l. Warranty Cost Effectiveness Analysis.
- m. Cost Estimating Relationships Methodologies.
- n. Budget Preparation Support.

3.3 PS3 SCHEDULE DEVELOPMENT/ASSESSMENT

The contractor shall perform and/or provide input and recommendations in the following representative activities:

- a. Develop recommended program schedules.
- b. Assess planned (Government and/or contractor) schedules against schedule databases.
- c. Conduct risk assessments on both contractor and Government schedules.
- d. Modify, develop, and maintain software programs for the development, maintenance, and recurring assessment of schedules.
- e. Develop and provide advice for schedule assessment techniques.
- f. Evaluate Commercial Off-The-Shelf (COTS) software scheduling/assessment tools.

3.4 PS4 PROGRAM MANAGEMENT, PLANS & INTEGRATION

The contractor shall provide program management support and recommendations for all weapon system/support system life cycle performance requirements. The support shall include analysis and integration of data from the programmatic, engineering, test and evaluation, configuration and data management, and logistics functions, and synthesis of data to present project status, long range plans, and

program accomplishments in relation to program objectives, budgetary constraints, schedules and technical requirements. Representative program management activities include:

- a. Competition/dual source/production split methodology analysis and planning/breakout recommendations.
- b. Recommendations on acquisition strategy analysis and planning.
- c. Input and recommendations for the development/execution of the Business Plan Processes/Business Plan and Strategic Plans.
- d. Input, recommendations, and preparation in draft format of comprehensive plans/documents IAW the DoDD 5000 series and all acquisition streamlining reform initiatives. Representative examples are as follows:

- (1) Market Research/Analysis and Market Survey/Analysis
- (2) Mission Need Statement
- (3) Operational Requirements Document
- (4) Concept Formulation Process such as:
 - (a) trade-off analysis
 - (b) trade-off determination
 - (c) best technical approach
 - (d) analysis of alternatives
 - (e) cost as an independent variable
- (5) Modified Integrated Program Summary
- (6) Acquisition Plan
- (7) Acquisition Program Baseline Agreement
- (8) Test and Evaluation Master Plans
- (9) Acquisition Strategy Report
- (10) Development Test and Evaluation Report
- (11) Early Operational Assessment Report

- (12) Operational Test and Evaluation Report
- (13) Live Fire Test and Evaluation Report
- (14) Acquisition Decision Memoranda
- (15) Selected Acquisition Reports
- (16) Unit Cost Reports
- (17) Defense Acquisition Executive Summary
- (18) Environmental Assessment (EA) and Environmental Impact Statements
- (19) Manpower Estimate Report (MER)
- (20) Manpower Personnel Integration (MANPRINT) Documentation
- (21) Security Assistance Documentation Support such as:
 - (a) Memoranda of Agreement/ Understanding (MOAs/MOUs)
 - (b) Export Policy and Proposed Export License Evaluation
 - (c) Exceptions to National Disclosure Policy (ENDP)
 - (d) Security Assistance Policy/Support Security Classification Guide
 - (e) Program Protection Plan
 - (f) Implementation Agreements
- (22) Automation Strategy and Plans
- (23) Materiel Transfer Plan

e. Preparation and input for conferences, meetings, and program reviews such as: Congressional Reviews, In Process Reviews (IPR), Overarching Integrated Product Teams (OIPT), Army Systems Acquisition Review Council (ASARC), and Defense Acquisition Board (DAB) reviews (such as: development and update of Integrated Program Summary; development of an integrated DAB plan with schedules, action items, and

reference material; and support in preparation of IPR, ASARC, or DAB briefings).

- f. Provide input, advice, and recommendations to Integrated Product Teams (IPT).
- g. Development of handbooks and training courses.
- h. Analysis of the management of program execution.
- i. Affordability analysis and planning recommendations.
- j. Transition to production analysis and planning recommendations.
- k. Recommended modifications for software plans for the development, maintenance and implementation of information management systems.
- l. Provide input, advice, and recommendations to Planning Tracking Groups during transition of Army systems.
- m. System integration support. This support shall include integration of all program level activities such as: program management, costing, review and analysis, financial management, contract development, systems engineering, engineering, production management, logistics, product assurance, configuration management, modeling and simulation, scheduling, testing and software management. Contractor shall be capable of evaluating contractor and government documentation, developing recommended government positions, and accomplishing any program level activities. Examples of system integration include: preliminary design review (PDR), critical design review (CDR), milestones reviews, program reviews, new program development, program strategy development, and program execution management.

3.5 PS5 STRATEGIC PLANNING ANALYSIS

The contractor shall conduct and document broadbase analyses, facilitation, and assessment of aviation and/or missile related acquisition programs to support organizational planning and development. Representative areas of analyses include activities such as:

- a. Affordable acquisition approach
- b. Acquisition streamlining and reform
- c. Integrated Product and Process Management (IPPM)

d. Recommendations for milestone planning and analysis support for conduct of A-76 Studies

e. Recommendations for development/execution of the Strategic Business Plan/Business Process including recommendations in the development of organizational vision, mission, goals, objectives, and strategies and development of appropriate metrics and strategies for implementing the strategic plan

f. Benchmarking (government and/or industry)

g. Teaming facilitation

h. Total quality

i. Organizational change management

j. Reengineering processes

k. Scenario Planning

3.6 PS6 INTERNATIONAL PROGRAM SUPPORT

The contractor shall provide programmatic support in the establishment of international programs to promote joint and allied cooperative programs and interoperability. Representative activities are as follows:

a. Input, advice, and recommendations for the preparation of international program related documentation, e.g., Data Exchange Agreements (DEA), Memoranda of Agreements (MOAs), Memoranda of Understandings (MOUs), and plans.

b. Programmatic support for international meetings and international program coordinating bodies. Support includes technical and operational assessments, studies, and threat support packages.

c. Conduct and provide results of data surveys for Army concept areas through the use of international sources.

d. Conduct and provide results of bilateral or multilateral analysis efforts and modification of the suite of simulations required to document such analysis.

3.7 PS7 SECURITY ASSISTANCE PROGRAM SUPPORT

The contractor shall provide security assistance program support as follows:

- a. Facilitate programmatic interface among the intelligence community, the U.S. research and development community, and other organizations working on foreign built aviation/missile system support programs to ensure information transfers.
- b. Provide input, advice, and recommendations for the development and analyses of security assistance programs to assure that program requirements are adequately planned, evaluated, presented, implemented, and supported in a cost effective and timely manner.
- c. Provide input, advice, and recommendations for preparation of requirements, procurement packages, and statements of work for foreign built and U.S. non-standard weapon systems and/or support systems.
- d. Provide operational, administrative, and resources support for the Foreign Liaison Office as specified in Foreign Military Sales (FMS) cases. Representative types of resources to be provided include:
 - (1) Office Facilities
 - (2) Travel and Transportation Support
 - (3) Office Equipment
 - (4) Office Supplies
 - (5) Vehicles and Insurance

3.8 PS8 OPERATIONS RESEARCH AND SYSTEMS ANALYSIS

The contractor shall provide operations research and systems analyses. The following are representative activities:

- a. Perform operational deployment and employment analysis, utilizing appropriate methodology of the specific type of problem being investigated.
- b. Perform operational effectiveness and operational performance analyses utilizing Government approved simulation models, threat characteristics and threat data, deployments and employment rules of engagement.
- c. Develop recommended air defense and land combat tactical evaluation and tactical simulation missile models as they are envisioned to

be used on the battlefield. Benchmark each new model against an approved Army standard.

d. Verify and validate new and existing programmatic models and simulations, to include conceptual tactical effectiveness analyses and investigations.

e. Update, modify, maintain, and develop programmatic software.

f. Perform programmatic software modification, verification and compatibility to the model software including validation and compatibility verification.

g. Provide maintenance and identify needed improvements to COMO model software.

4.0 DATA REQUIREMENTS

The contractor shall prepare the following data/programmatic results as specified in individual task orders:

Data Item No.	Title
DI-MGMT-80368A	Status Report
DI-MISC-80508B	Technical Report-Study/Services
DI-MGMT-80227	Contractor's Progress, Status and Management Report
DI-ADMN-81373	Presentation Material
DI-MGMT-81117	Technical and Management Work Plan
DI-ADMN-81505	Report, Record of Meeting/Minutes
DI-MGMT-80004A	Management Plan
DI-FNCL-80331A	Funds and Manhour Expenditure Report
DI-ADMN-81313A	Progress Report (Studies)
DI-MGMT-81334D	Contract Work Breakdown Structure
DI-MGMT-81467	Cost/Schedule Status Report (C/SSR)

DI-MGMT-81468	Contract Funds Status Report (CFSR)
DI-MGMT-80555A	Program Progress Report
DI-ADMN-81249A	Conference Agenda
DI-ADMN-81250A	Conference Minutes
DI-MISC-80711A	Scientific and Technical Reports
DI-MCCR-80700	Computer Software Product End Items
DI-ILSS-81521B	Training Program Structure Document
DI-ILSS-81522B	Course Conduct Information Package
DI-MISC-80508B	Technical Report-Study Services

5.0 SECURITY REQUIREMENTS

The contractor shall, in the performance of individual task orders or technical instructions (TIs), be required to provide security certified personnel and facilities. The contractor and subcontractors will provide functional support services using intelligence information, foreign intelligence information, Sensitive Compartmented Information, Special Access Program information and be responsible for appropriate conduct involving Operational Security (OPSEC) and For Official Use Only (FOUO) information. General guidance is provided in each BPA. Specific requirements above and beyond the basic DD254 will be provided on a case-by-case basis.