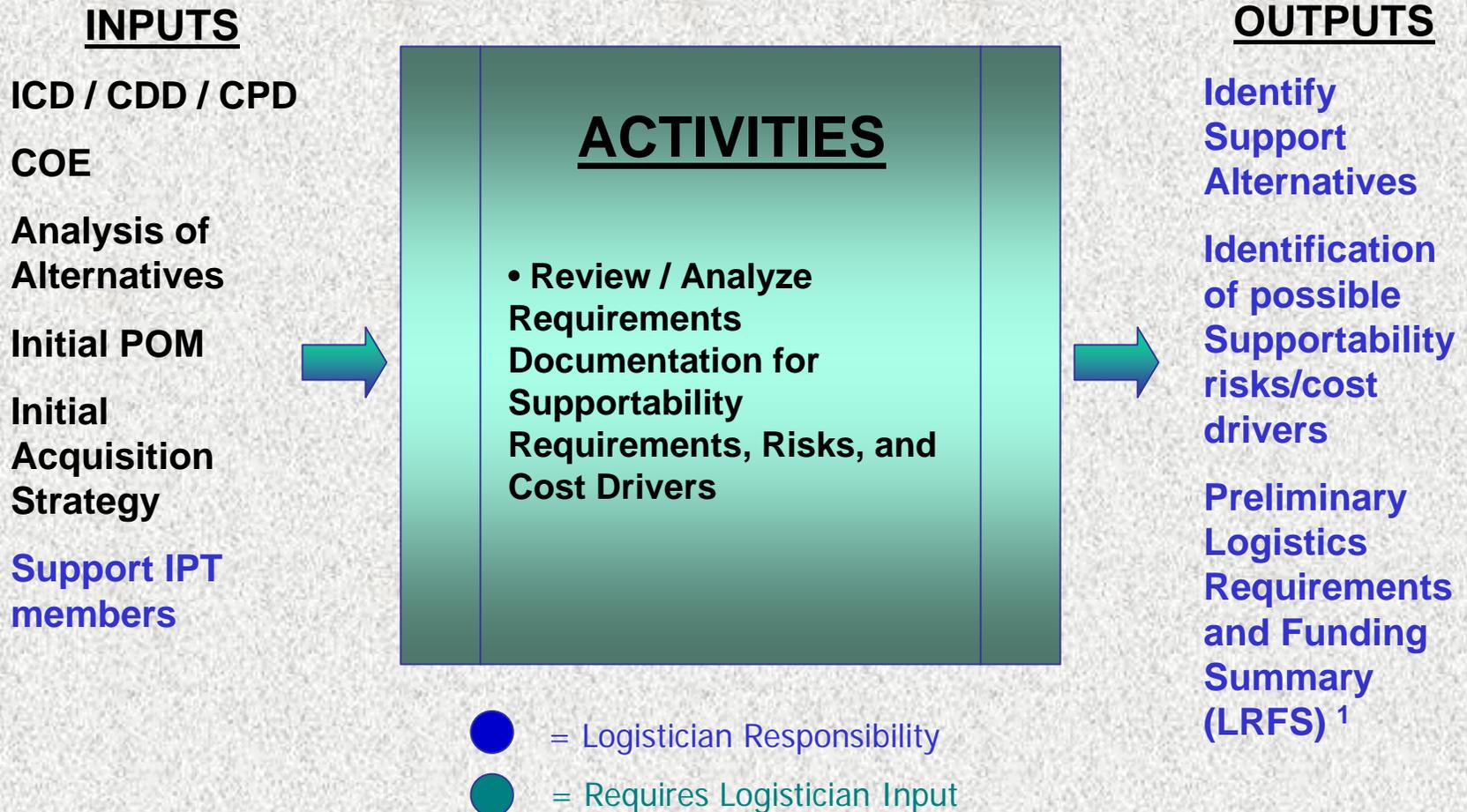


Requirements Analysis



¹ Serves as basis to develop the continuously evolving Logistics/Supportability portion of the Single Acquisition Management Plan (SAMP). Documents initial POM input and preliminary Supportability Plan – feeds MS-A and Phase 0 exit criteria

LOGISTICS REQUIREMENTS AND FUNDING SUMMARY (LRFS) GUIDANCE, DESCRIPTIONS AND FORMAT

The LRFS is not a fiscal document and does not change, replace or supersede any existing POM or budget document. The LRFS should satisfy requirements of existing policy to plan for logistics requirements and funding; provide visibility of logistics requirements when required for POM and budget submission; and should identify funding information to meet the system/equipment support requirements for the life of the system.

This enclosure consists of two sections. The first is the procedures for developing a Logistics Requirements and Funding Summary (LRFS), which include a description of logistics elements. The second section is the recommended LRFS format.

The LRFS format consists of an introductory narrative and individual element breakout. It is the responsibility of the logistics manager to develop and maintain the LRFS. The breakdown of logistics elements and sub-elements in this document establishes a minimum level of visibility of support requirements to ensure that they are recognized as requirements by the responsible logistics managers and are programmed and budgeted by the PO/PM and comptrollers. When an ILS element/sub-element is funded in more than one budget line and/or appropriation, all should be listed separately.

Logistics managers are not required to identify funding requirements for subsystems and components, which are identified as GFE or as associated weapon systems to their programs. The introductory narrative should identify the subsystems/components that have been excluded.

LRFS must be based on program phasing and relevant logistics determinations. The LRFS must be based on an agreed upon baseline and should consider the procurement and delivery schedule; site activation and installation; and fielding schedule. The LRFS constitutes the logistics resource requirements baseline for the program. The LRFS should be revised as program changes occur.

MAINTENANCE. Various elements include contractor and/or government maintenance requirements. Investment costs for maintenance capability should not duplicate requirements and funding identified in other sections. Primarily plant equipment that is unique to a depot or intermediate repair facility should be included as investment cost in this section. Repair costs should not duplicate costs included in other categories (spares, engineering services, etc) but should reflect funding programmed specifically for a repair effort where labor costs exceed the costs for parts, etc. (i.e., repair of repairables).

Depot Investment – Include all depot non-recurring investment requirements necessary to establish a repair capability at a contractor's facility or organic depot facility for components, assemblies, subsystems, or repair and/or overhaul of systems.

Types of Funds:

Intermediate Investment – Identify all non-recurring investment costs in establishing an intermediate level maintenance capability.

Types of Funds:

Test Bed Facilities Investment – Specify requirements and funding for establishing a system/equipment test bed for use in system integration, configuration control, modifications/engineering changes, reliability improvement, testing, etc, at designated testing facilities such as In-Service Engineering Activities (ISEAs) or Software Support Activities (SSAs).

Types of Funds:

Depot Repair Costs - Identify all depot repair costs associated with the system/equipment for the life of the system.

Types of Funds: O&MMC for Active Forces; O&MMCR for Reserve Forces

Intermediate Repair Costs – Identify all costs associated with repair of the system/equipment at the intermediate level of maintenance for the life of the system.

Types of Funds: O&MMC for Active Forces; O&MMCR for Reserve Forces

Support/Training Equipment Repair – Identify all costs associated with repair of peculiar support and test equipment and/or training equipment (i.e., training devices, simulators, etc) associated with the system/equipment.

Types of Funds: O&MMC

Analysis, Studies, Plans, Data – Identify any required costs associated with conducting analyses or studies, developing plans, or collecting data associated with the maintenance of the system/equipment such as level of repair analysis, reliability centered maintenance analyses, maintenance plans and associated planning data, or depot transition plans.

Types of Funds: RDT&E during R&D phase; PMC during production phase

TECHNICAL DATA. Technical data costs should include contractor and/or government costs associated with acquiring and maintaining required technical data for a system or piece of equipment. Costs associated with the procurement of drawings and re-procurement data for a system can be very costly, therefore a cost tradeoff analysis should be performed. The automated technical manual

calculator located in the SYSCOM Knowledge Center, should be used as a starting point for calculating technical manual costs.

Technical Manuals – Identify costs for the preparation, publications, and printing of the initial technical manual(s) required for operation and maintenance of systems/equipment, include technical repair standards for all levels of maintenance, supply instructions, technical instructions, etc.

Types of Funds: RDT&E during R&D phase; PMC during production phase

Technical Manual Changes – Identify costs for updates, changes, printing, and distribution, including changes made as the result of an Engineering Change Proposal (both hardware and software) once the system/equipment has been fielded.

Types of Funds: O&M; unless part of major ECP then PMC

Technical Manual Management – Identify costs associated with conducting in-process reviews (IPRs), contractor validation, Government verification, etc.

Types of Funds: RDT&E during R&D phase; PMC during production phase; O&M after fielding

*** Note:** MARCORSYSCOM personnel must use O&M funds to support travel during production phase to attend Government verifications or IPRs.

Drawings/Reprocurement Data – Identify the costs associated with procurement of data and drawings needed for reprocurement of the system, equipment or any components.

Types of Funds: RDT&E during R&D phase; PMC during production phase

TRAINING AND TRAINING SUPPORT

Training Course Development – Identify costs associated with the development of training courses, whether by the Government or contractor. Include costs for course curricula and materials, in-process reviews (IPRs), validation and/or verification of the training course, etc. Include any costs associated with Program of Instruction (POI) changes at formal schools and version changes based on changes to the system/equipment in the outyears.

Types of Funds: RDT&E during development phase; PMC during production phase; O&MMC for costs associated with changes to POIs at formal schools

*** Note:** MARCORSYSCOM personnel must use O&MMC funds to support travel during production phase to attend IPRs and validations/verifications.

Initial or Contractor Training Services – Identify all costs associated with the conduct of initial or contractor training to support testing; factory training at the contractor's facility and/or Instructor and Key Personnel (I&KP) training; and new equipment training to support fielding. Include costs associated with support of operational hardware and/or software used in the conduct of new equipment training for both operator and maintainer personnel.

Types of Funds: RDT&E during the R&D phase; PMC during production phase; O&MMC during fielding phase

***Note:** MARCORSSCOM personnel must use O&MMC funds to support travel during the production phase.

Training Devices/Aids – Identify costs associated with the design and acquisition of any training devices or aids, i.e., simulators, cutaways, fault insertion devices, training devices, training aids, and any associated unique software. Include any installation costs for these items.

Types of Funds: RDT&E during the R&D phase; PMC during production phase

Analysis, Studies, Plans – Includes costs associated with the conduct of a Manpower & Training Plan; and any other analysis, study or plan.

Types of Funds: RDT&E during the R&D phase; PMC during production phase

SUPPLY SUPPORT. This section identifies the costs associated with spare and repair parts required to support the system/equipment throughout its life cycle. These costs should include requirements for spares for training hardware and for peculiar support equipment, if applicable. Ensure that requirements agree with those submitted via the POM Initiative Builder Spares Worksheet.

Developmental/Testing Spares and Repair Parts – Identify costs associated with spares and repair parts required to support Research and Development hardware and software, prototype models, test hardware maintenance, etc, during the RDT&E period and which were procured with RDT&E funding.

Types of Funds: RDT&E

Interim/Initial Spares and Repair Parts – Identify costs of spare and repair parts provided in support of the system/equipment during the interim support period as a result of initial provisioning.

Types of Funds: PMC

Depot Stock Spare and Repair Parts – Spares and repair parts necessary to support operations of an end item during the supply support period, either interim or the life of the system.

Types of Funds:

Training Equipment Repair – Identify costs associated with support of training devices at formal schools.

Types of Funds: O&MMC

Other – Identify the support costs associated with support of the fielded systems by using units, both Active and Reserve Forces.

Types of Funds – O&MMC (Active Forces); O&MMCR (Reserve Forces)

SUPPORT AND TEST EQUIPMENT.

Common Test Equipment - Include costs associated with the procurement of General Purpose Electronic Test Equipment and other common test equipment, include common Automatic Test Equipment.

Types of Funds: PMC

Special Test Equipment - Include costs associated with the procurement of special test equipment uniquely designed for the new systems/equipment.

Types of Funds: RDT&E during R&D phase; PMC during production phase

Test Program Sets – Include costs associated with the development and procurement of Test Program Sets, including software, interface devices and related data packages.

Types of Funds: RDT&E during R&D phase; PMC during production phase

Tools, Jigs, Fixtures – Identify costs associated with special and common hand tools, jigs, and fixtures required to accomplish maintenance for all defined level of maintenance.

Types of Funds: RDT&E during R&D phase; PMC during production phase

Calibration – Identify costs associated with procurement of special calibration equipment, or costs related to system/equipment calibration requirements

Types of Funds: PMC

Other – Identify costs associated with requirements for testability analysis and plans, Built-In-Test/Built-In-Test-Equipment analysis, etc.

Types of Funds: RDT&E during R&D phase; PMC during production phase

COMPUTER RESOURCES SUPPORT

Software Maintenance – Identify costs associated with maintenance of all computer software (operational, test, support and training) by contractors, Government Software Support Activities (SSAs), and training activities. Also include documentation needed for software maintenance.

Types of Funds: RDT&E during R&D phase; PMC during production phase, and O&MMC once fielded

SSA Hardware – Identify costs associated with the requirements for operational hardware, peripherals, software support system hardware, etc., needed to establish and support designated SSAs.

Types of Funds: RDT&E during R&D phase; PMC during production phase

FACILITIES

Military Construction Planning and Design – Identify costs associated with the requirements incident to the planning for and design of new or modified facilities during all stages of the acquisition cycle.

Types of Funds: RDT&E

Military Construction – Identify costs associated with and are to be funded in the Military Construction (MILCON) appropriation. Include all MILCON programs that are required at any camp, post, station; repair facility; and/or training location for support the new system/equipment.

Types of Funds: MILCON

Unspecified Minor Construction – Identify costs associated with funding for minor construction programs between \$25K and \$250K.

Types of Funds: MILCON

Public Works Support – Identify costs associated with any upgrades, training, etc, required to prepare the base public works department to maintain new or modified construction facilities.

Types of Funds: O&MMC

Utilities – Identify costs associated with any increase in base electrical power or other utilities required by the new construction facilities.

Types of Funds: O&MMC

ILS PROGRAM MANAGEMENT

Management – Identify the costs associated with the requirements necessary to ensure the development and conduct of an ILS program. Include resource

requirements relative to contractor assistance, ILS meetings, etc. Identify the costs associated with the requirements to develop, prepare, and maintain the Support Plan and Fielding Plan, and any other required documentation.

Types of Funds: RDT&E during R&D phase; PMC during production phase; O&MMC during post-production phase

Fielding – Identify all costs associated with fielding the system/equipment.

Types of Funds: PMC and O&MMC

***Note:** MARCORSYSCOM personnel must use O&MMC funds to support travel during the fielding phase.

Configuration Management – Identify the costs associated with the development and execution of a complete configuration management program include both contractor and Government costs for plans, documents and reports; audits such as functional and physical configuration audits and related documentation; and status accounting, i.e., the development and execution of a status accounting system.

Types of Funds: RDT&E during R&D phase; PMC during production phase; O&MMC during post-production phase

Contractor Engineering Technical Services – Identify any costs associated with contractor technical assistance services needed to support the system/equipment.

Types of Funds: RDT&E and/or PMC

PHS&T – Include costs for special containers needed for systems/equipment, costs associated with special types of packaging required for protection or safety; costs for special handling such as refrigeration and for storage and transportation costs while under SYSCOM control before fielding. Include both first destination transportation (FTD) and second destination transportation (STD) requirements.

Types of Funds: RDT&E during R&D phase; PMC during production phase. PMC for FTD; O&M for STD.

Other Support – Identify any other support related activities, contractor or government laboratories, and field activities which require SYSCOM resources in any phase of the system's or equipment's life. The activities may be In-Service Engineering Activities or Field Maintenance Activities. Examples are responsibilities for data management, ISEA support, maintenance management, and documentation support.

Types of Funds: RDT&E during R&D phase; PMC during production phase; O&MMC during post-production phase

Computer Resources Support-Total	Analysis/Studies/Plans/Data
	Software Maintenance
	SSA Hardware
Facilities-Total	
	MILCON Planning & Design
	MILCON Planning & Design
	Unspecified Minor Construction
	Public Works Support
	Utilities
PHS&T-Total	
	Handling Equipment
	Containers
	Special Packaging
	Storage
	Transportation
	Analysis/Studies/Plans/Data

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