**Foreign Military Sales (FMS) Checklist**

**Preparing a Letter of Request (LOR)**

**for the**

**PATRIOT Weapon System**

**Dated 10 April 2025**



Contact the International Program Directorate, Integrated Fires Mission Command, PEO Missiles and Space for assistance in completing this checklist.

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| This PATRIOT Weapon System FMS Checklist will be used to capture requirements and develop an actionable Letter Of Request (LOR). By itself, it should not be changed without review and agreement by all stakeholders before a Letter of Offer and Acceptance (LOA) is signed. |

Please ensure no classified information is included with the completed checklists. Classified information should be provided to your Country Program Manager through appropriate channels.

Receipt of this checklist by the US Government does not constitute an agreement to sell. Final configuration and offer of sale is subject to USG approval.

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| **1.0** | **Partner and LOA General Information** | |
| 1.0a | Purchasing Country: |  |
| 1.0b | Primary Country Contact’s Name: |  |
| 1.0c | Primary Country Contact’s Position: |  |
| 1.0d | Primary Country Contact’s Title/Rank/Grade: |  |
| 1.0e | Primary Country Contact’s Tel: |  |
| 1.0f | Primary Country Contact’s Email: |  |
| 1.0g | Primary Country Contact’s Mailing Address: |  |
| 1.0h | USASAC Country Program Manager (CPM) for LOA: |  |
| 1.0i | Case Designator (if established): |  |
| 1.0j | CPM Primary Contact’s Name: |  |
| 1.0k | CPM Primary Contact’s Position: |  |
| 1.0l | CPM Primary Contact’s Title/Rank/Grade: |  |
| 1.0m | CPM Primary Contact’s Tel: |  |
| 1.0n | CPM Primary Contact’s Email: |  |
| 1.0o | CPM Primary Contact’s Mailing Address: |  |
| 1.0p | SAMD International Program Manager (IPM) for LOA: |  |
| 1.0q | IPM Primary Contact’s Name: |  |
| 1.0r | IPM Primary Contact’s Position: |  |
| 1.0s | IPM Primary Contact’s Title/Rank/Grade: |  |
| 1.0t | IPM Primary Contact’s Tel: |  |
| 1.0u | IPM Primary Contact’s Email: |  |
| 1.0v | IPM Primary Contact’s Mailing Address: |  |

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| **2.0** | **Basis of request** | **Yes/No** |
| 2.0a | Type of Request: |  |
|  | * Request for Information (RFI) |  |
|  | * LOR for Price and Availability (P&A) |  |
|  | * LOR for Letter of Offer & Acceptance (LOA) |  |
| 2.0b | Is this a request for new PATRIOT Missiles? |  |
| 2.0c | Is this a request for new PATRIOT Fire Units? |  |
| 2.0d | Is this a request for additional PATRIOT Fire Units? |  |
| 2.0e | Is this a request to modernize (upgrade) PATRIOT Fire Units? |  |
| 2.0f | Will request require a System Defense Design? (Yes, if procuring new PATRIOT fire units) |  |
| 2.0g | Projected dates for a Site Survey (Training Devices, SICO location, and Tactical Sites if available) |  |
| 2.0h | Is this a request for additional systems (e.g. IBCS/THAAD Launcher)? |  |

| **3.0** | **LOR General and/or Special Considerations** | **Y/N** |
| --- | --- | --- |
| 3.0a | Does LOR address a request for a Waiver of Nonrecurring Cost (NC) Charges  If Yes, provide justification: |  |
| 3.0b | Will this procurement be a directed source procurement? If Yes, specify:   1. Manufacturer: 2. Applicable Part Number(s):   Enclose Sole Source Request to U.S. Army Security Assistance Command |  |
| 3.0c | Will a special payment schedule and initial deposit be needed? |  |
| 3.0d | Are offsets a part of this program? |  |
| 3.0e | Will this case be funded through national funds? |  |
| 3.0f | Does the FMS partner have a not to exceed budget? |  |
| 3.0g | Does the FMS partner have a delivery timeline requirement? |  |
| 3.0h | Does the FMS partner require a waiver (Yockey, minimum purchase, etc.)? |  |

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| **4.0** | **Requested Schedule/Delivery/Transport** |
| 4.0a | Desired First Unit Equipped By (date): |
| 4.0b | Are there special transportation requirements requested? If yes, list here: |
| 4.0c | Will you use a Freight Forwarder? If so, state: |
| 4.0d | Do you have a Freight Forwarder that is authorized to ship classified materials? If so, state: |
| 4.0e | Does your Freight Forwarder have all required Import/Export licenses? |
| 4.0f | Is your Freight Forwarder registered with the US Department of State? |
| 4.0g | Are there any other transportation considerations that need to be addressed? If so, state:   1. Point of Contact at location (Ship to/Mark for): 2. Location: 3. Mode of transport (air, sea, land) instructions: |
| 4.0h | Is storage required due to partial shipment (e.g. validation testing at USG range prior to shipment to country)? |

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| **5.0** | **Missile Requirements** | **Planning Factors (per missile)** | **Y/N** | **QTY** |
| 5.0a | Guidance Enhanced Missile TBM (GEM-T) | Up to 4 missiles per launching station |  |  |
| 5.0b | PAC-3 Missile Segment Enhancement (MSE) | Up to 12 missiles per launching station |  |  |
| 5.0c | MSE Test Missile |  |  |  |
| 5.0d | GEM-T Test Missile |  |  |  |
| 5.0e | USG Transportation (missiles) |  |  |  |

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| **5.1** | **Firing Unit Major End Items (MEI)** | **Y/N** | **QTY** |
| 5.1a | How Many Firing Units? (FU) | |  |
| 5.1b | Radar Set (RS) |  |  |
| 5.1c | Engagement Control Station (ECS) |  |  |
| 5.1d | Launching Station (LS) |  |  |
| 5.1e | Communications Relay Group (CRG) |  |  |
| 5.1f | Antenna Mast Group (AMG) |  |  |
| 5.1g | Information Coordination Central (ICC) |  |  |
| 5.1h | Dismounted PATRIOT Information Coordination Central (DPICC) (If required) – List any unique or additional DPICC requirements such as additional TPW laptop or MIDS accessory kit. |  |  |
| 5.1i | Dismounted Tactical Command Station (D-TCS) |  |  |
| **5.2** | **Launcher Station Associated Items** | **Y/N** | **QTY** |
| 5.2a | Patriot Automated Logistics System (PALS) |  |  |
| 5.2b | Shortage Plugs (CRI) 13506191 |  |  |
| 5.2c | Shortage Plugs (MSE) 14101316 |  |  |
| 5.2d | Heater Controller |  |  |
| 5.2e | Missile Skids |  |  |
| 5.2f | Missile Slings |  |  |

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| **6.0** | **Missile Test Program Requirements** | **Y/N** | **QTY** |
| 6.0a | Is a Flight Test required? |  |  |
| 6.0b | USG and Contactor Range Support |  |  |
| 6.0c | Contractor Support |  |  |
| 6.0d | Targets |  |  |
| 6.0e | Telemetry Kits |  |  |
| 6.0f | Test Missiles |  |  |
| 6.0g | Are Launchers being requested? |  |  |

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| **7.0** | **Command, Control, and Communications** | | | **Y/N** | **QTY** |
| 7.0a | Any unique and/or command / control capabilities being requested? | | |  |  |
| 7.0b | Is IBCS requested? | | |  |  |
| 7.0c | What is the Operational concept (operational region and/or emplacement location)? | | Location | | |
|  | | |
|  | **Communication Requirements** | **Planning Factors** | | **Y/N** | **QTY** |
| 7.0d | SINCGARS Radios / Combat Net Radio (CNR) | 1 per ECS, CRG, and LS  Specify if other than SINCGARS | |  |  |
| 7.0e | UHF Radios | 4 per ICC, ECS and CRG | |  |  |
| 7.0f | Crypto key fill devices | 1 per ICC, DPIC, CRG, and 2 per ECS | |  |  |
| 7.0g | Link 16 Capability | Is RF (radio) required, qty?  Is Beyond Line-of-Sight (BLOS) required, qty?  Will technical assistance be required for:  Interoperability certification?  Interoperability assessments with other systems? | |  |  |
| 7.0h | National Security Agency (NSA) (Encryptors) | 2 per ICC, ECS, CRG, and 1 per DPICC. | |  |  |
| **7.1** | **Ancillary Communications Equipment** | | | **Y/N** | **QTY** |
| 7.1a | GPS Solution | | |  |  |
| 7.1b | Improved North Finding System (INFS) | | |  |  |
| 7.1c | Identification Friend or Foe (IFF) | | |  |  |
| **7.2** | **Power Generation Requirements** | | | **Y/N** | **QTY** |
| 7.2a | Electric Power Unit (EPU) | | |  |  |
| 7.2b | Frequency Convertors (if required) | | |  |  |
| 7.2c | Electric Power Plant (EPP) | | |  |  |
| 7.2d | 15 kW trailer mounted | | |  |  |
| 7.2e | 15 kW skid mounted | | |  |  |

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| **8.0** | **Weapon System Mobility** | **Y/N** |
| 8.0a | Is the system operating from a fixed site with no mobility requirements? |  |
| 8.0b | Are there mobility capabilities / requirements being requested? |  |
| 8.0c | Requesting US organic vehicles and trailers? |  |
| 8.0d | Requesting integration onto indigenous vehicles and trailers? |  |
| 8.0e | Are there any country specific requirements for the registration or operation of US vehicles? |  |

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| **9.0** | **Support Equipment Requirements** | **Y/N** | **QTY** |
| 9.0a | Battery Maintenance Center (BMC) |  |  |
| 9.0a1 | BMC Tools and Test Equipment (TTE) |  |  |
| 9.0b | Battalion Maintenance Equipment (BME) |  |  |
| 9.0b1 | BME Tools And Test Equipment (TTE) |  |  |
| 9.0c | Small Repair Parts Trailer (SRPT) |  |  |
| 9.0d | Large Repair Parts Transporter (LRPT) |  |  |
| 9.0e | Intermediate Support Element (ISE) test equipment TCM-1 |  |  |
| 9.0e1 | ISE Tools and Test Equipment (TTE) |  |  |
| 9.0f | Guided Missile Transporter (GMT) |  |  |
| 9.0g | M984A4 Recovery Truck |  |  |
| 9.0h | Forklift (only required if GMT is not procured) |  |  |
| 9.0i | System Integration and Check Out (SICO) Fielding Kit |  |  |
| 9.0j | Common Military Tools and Test Equipment |  |  |
| 9.0k | Maintenance Support Device (MSD) Laptops |  |  |
| 9.0l | DoD Approved Safes |  |  |

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| **10.0** | **Operational and Maintenance Strategies** | | | | | |
| 10.0a | Projected OPTEMPO Per Year | | |  | Hours Per Day |  |
|  | **Weapon system sustainment and life cycle logistics** | | | | | **Y/N** |
| 10.0b | Initial and recurring support identified? (Example: Contractor technical assistance (TA) support, calibration lab support, depot support) | | | | |  |
| 10.0c | Is there a supply system in place to support this requirement? | | | | |  |
| 10.0d | Are there any Test, Measurement and Diagnostic Equipment (TMDE) in country that will be used as part of this effort? Is calibration lab equipment, fielding, and support required as part of this LOR? | | | | |  |
| 10.0e | Are there any customer unique support equipment requirements? | | | | |  |
| **10.1** | **Maintenance Strategies** | | | | | | |
| 10.1a | What is the maintenance concept? | | | | | | |
| 10.1b | Operator Level |  | Intermediate Level |  | Depot Level |  | |
| 10.1c | What are the initial support requirements? | | | | | | |
| 10.1d | 1-3 Years |  | 1-4 Years |  | 1-5 Years |  | |
| 10.1e | Are you requesting Repair & Return services? | | | Y/N | How many years | # Yrs | |
|  |  | |
| 10.1f | Participation in annual missile Field Surveillance Program (FSP) is mandatory. | | |  | As long as PATRIOT is part of country’s tactical inventory |  | |
| **10.2** | **Maintenance Concept – Organic Depot Capability Requirement** | | | | | **Y/N** | |
| 10.2a | PAT 243 – Oil Processing Control Cabinet and Processing Unit | | | | |  | |
| 10.2b | PAT 244 – HV Transmitter Module Test Station | | | | |  | |
| 10.2c | PAT 247 – Transmitter Tank Test Station | | | | |  | |
| 10.2d | PAO – Polyalphaolephin Fluid Processer | | | | |  | |
| 10.2e | PATRIOT Cooling Liquid Electron Tube (CLET) Test Station | | | | |  | |
| 10.2f | DIT-MCO wiring analyzer | | | | |  | |
| 10.2g | General Purpose Electronic Test Station (GETS-1000) | | | | |  | |
| **10.3** | **Supply (Spare Parts) and Support Equipment (SE)** | | | | | **Y/N** | |
| 10.3a | Prescribed Load List (PLL) Level | | | | |  | |
| 10.3b | Authorized Stockage List (ASL) Level | | | | |  | |
| 10.3c | Theater Authorized Stockage List (TASL) Level | | | | |  | |
| 10.3d | Cooperative Logistics Supply Support Arrangement (CLSSA) Foreign Military Sales Order I (FMSO I) | | | | |  | |
| 10.3e | Cooperative Logistics Supply Support Arrangement (CLSSA) Foreign Military Sales Order II (FMSO II) | | | | |  | |
| 10.3f | System Integration and Checkout (SICO) Spares | | | | |  | |
| **11.0** | **Training Requirements** | | | | | **Y/N** | |
| 11.0a | Does the LOR contain training requirements? | | | | |  | |
| 11.0b | Do you need a Training Needs Analysis? | | | | |  | |
| 11.0c | Is Military Occupational Specialty (MOS) Training requested? | | | | |  | |
| 11.0d | Does the LOR address mission planning? | | | | |  | |
| 11.0e | Require Familiarization Training of Host Country Operators | | | | |  | |
| 11.0f | Training Assistance Fielding Team Training | | | | |  | |
| 11.0g | What is the requested Training location? (in the US or OCONUS) | | | | |  | |
| 11.0h | Do you have a language lab or in-country language training? | | | | |  | |
| 11.0i | Will you require language training through the Defense Language Institute (DLI)? | | | | |  | |
| 11.0j | Do you require basic trade skills training? | | | | |  | |
| 11.0k | Projected dates for Training Needs Analysis | | | | |  | |
| 11.0l | Is Link 16 Operations training required? | | | | |  | |
| 11.0.m | New Equipment Training (NET) | | | | |  | |
| **11.1** | **Mission Command Training** | | | | | **Y/N** | |
| 11.1a | Reconfigurable Table Top Trainers (RT3) Lab Minimum of 8 Student Training Groups (STG), 1 Scenario Generator Group (SGG), 1 Instructor Training Group (STG) per RT3 Lab | | | | |  | |
| 11.1b | PATRIOT Conduct of Fire Trainer Scenarios | | | | |  | |
| 11.1c | PATRIOT Multi-Echelon Trainer (PMET) Suite (RS, ECS, LS) | | | | |  | |
| 11.1d | Launcher PATRIOT Maintenance Trainer (LPMT) | | | | |  | |
| 11.1e | Radar PATRIOT Maintenance Trainer (RPMT) | | | | |  | |
| 11.1f | ECS PATRIOT Maintenance Trainer (EPMT) | | | | |  | |

| 11.2 | **Sustainment and Maintenance Training** | **Y/N** |
| --- | --- | --- |
| 11.2a | Missile Round Trainers for GEMT |  |
| 11.2b | Missile Round Trainers for MSE |  |
| 11.2c | Empty Round Trainer for MSE |  |
| 11.2d | Empty Round Trainer GEM-T |  |
| **11.3** | **Systems Integration Checkout: Based on number of FUs and/or configuration** |  |
| 11.3a | # Iterations: |  |

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| **12.0** | **Services** | | | | **Y/N** | **Years** |
| 12.0a | Technical Assistance – USG | | | |  |  |
| 12.0b | Contractor Technical Assistance – Prime | | | |  |  |
| 12.0c | Contractor Technical Assistance – Prime Missile | | | |  |  |
| 12.0d | Contractor Technical Assistance – GETS 1000 | | | |  |  |
| 12.0e | Cybersecurity Technical Assistance | | | |  |  |
| 12.0f | Information Assurance – Risk Management Framework | | | |  |  |
| 12.0g | USG Field Office | | | |  |  |
| 12.0h | Quality Assurance Team (QAT) Services | | | |  |  |
| 12.0i | Facility Security Inspection | | | |  |  |
| 12.0j | Test, Measurement, and Diagnostic Equipment Calibration | | | |  |  |
| **12.1** | **Fair Share Programs** | | | | **Y/N** | **Years** |
| 12.1a | Additional International Engineering Services Program (IESP) (initial period is three years minimum) | | | |  |  |
| 12.1b | International Engineering Services Program Country Unique Requirements | | | |  |  |
| 12.1c | PAC-3 FSP, PAC-3 Depot Management Review (DMR) | | | |  |  |
| 12.d | GEM-T FSP, PMF/MADF Review | | | |  |  |
| **12.2** | **Enhanced End Use Monitoring** | | | | | |
| 12.2a | # of Locations: |  | # of Storage Facilities: |  | | |

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| **13.0** | **Publications** | **Y/N** | **QTY** |
| 13.0a | US Technical Manual |  |  |
| 13.0b | Country Unique Publications |  |  |

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| **14.0** | **Facility Construction Requirements** | **Y/N** | **QTY** |
| 14.0a | Are construction requirements needed? If yes, please complete below. |  |  |
| 14.0b | Tactical Sites |  |  |
| 14.0c | Maintenance / Repair / Depots |  |  |
| 14.0d | Command and Control Headquarters |  |  |
| 14.0e | Training Facilities |  |  |
| 14.0f | Country unique |  |  |
| 14.0g | Missile Storage |  |  |