**Foreign Military Sales (FMS) Checklist**

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

**National Advanced Surface to Air Missile System (NASAMS)**

**Dated 25 April 2025**





Contact the International Program Division, Short & Intermediate Effectors for Layered Defense (SHIELD), PEO Missiles and Space for assistance in completing this checklist.

|  |
| --- |
| This SHIELD 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.

Viewing of this document in no way implies U.S. Government (USG) approval for the purchase or release of hardware or technologies discussed, or participation or access to any U.S. research and development programs and / or information contained herein.

Disclosures do not imply a commitment, intended, or implied on behalf of the USG to sell or furnish the equipment, systems or information discussed in the data or briefing until such time a final U.S. Government decision has been made concerning the sale of such equipment, systems or information.

|  |  |
| --- | --- |
| **1** | **Partner and LOA General Information** |
| 1a | Purchasing Country: |  |
| 1b | Primary Country Contact’s Name (for NASAMS System Requirements): |  |
| 1c | Primary Country Contact’s Position: |  |
| 1d | Primary Country Contact’s Title/Rank/Grade: |  |
| 1e | Primary Country Contact’s Tel: |  |
| 1f | Primary Country Contact’s Email:  |  |
| 1g | Primary Country Contact’s Mailing Address:  |  |
| 1h | Country Security Cooperation Officer (SCO) |  |
| 1i | USASAC Country Program Manager (CPM) for LOA: |  |
| 1j | Case Designator (if established): |  |
| 1k | CPM Primary Contact’s Name (for NASAMS System Requirements): |  |
| 1l | CPM Primary Contact’s Position: |  |
| 1m | CPM Primary Contact’s Title/Rank/Grade: |  |
| 1n | CPM Primary Contact’s Tel: |  |
| 1o | CPM Primary Contact’s Email:  |  |
| 1p | CPM Primary Contact’s Mailing Address:  |  |

|  |  |  |
| --- | --- | --- |
| **2** | **Basis of request** | **Yes/No** |
| 2a | Type of Request:  |  |
|  | * Request for Information (RFI)
 |  |
|  | * LOR for Price and Availability (P&A)
 |  |
|  | * LOR for Letter of Offer & Acceptance (LOA)
 |  |
| 2b | Is this a request for new NASAMS? |  |
| 2c | Is this a request for additional NASAMS Fire Units? |  |
| 2d | Is this a request to modernize (upgrade) NASAMS Fire Units? |  |

| **3** | **LOR General and/or Special Considerations** | **Y/N** |
| --- | --- | --- |
| 3a | Does LOR address a request for a Waiver of Nonrecurring Cost (NC) ChargesIf Yes, provide justification: |  |
| 3b | 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 |  |
| 3c | Will a special payment schedule and initial deposit be needed? |  |
| 3d | Are offsets a part of this program? |  |
| 3e | Will this case be funded through national funds? |  |
| 3f | Does the FMS partner have a not to exceed budget? |  |
| 3g | Does the FMS partner have a delivery timeline requirement? |  |

|  |  |
| --- | --- |
| **4** | **Requested Schedule/Delivery/Transport** |
| 4a | Desired First Unit Equipped By: | Date: |
| 4b | Are there any special transportation requirements requested? If yes, list here: |
| 4c | Do you have a Freight Forwarder? If so, state: |
| 4d | Do you have a Freight Forwarder that is authorized to ship classified materials? If so, state: |
| 4e | Do your Freight Forwarder have all required Import/Export licenses? |
| 4f | Is your Freight Forwarder registered with the US Department of State? |
| 4g | 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
 |

| **5** | **NASAMS Standard FMS Configuration****Major End Items (MEI) & Supporting Items Hardware** | **QTY: Requested** |
| --- | --- | --- |
| 5a | How Many Fire Units (FUs) are Requested? |  |
| **Fire Distribution Center (FDC) / Tactical Control Center (TCC)** | **QTY: Minimum Required** | **QTY: Requested** |
| 5b | Fire Distribution Center (FDC) System Contains:* FDC Unit
* FDC Transport Vehicle
 | 1 Per FU |  |
| 5c | Tactical Control Center (TCC) System Contains:* TCC Unit
* TCC Transport Vehicle
 | 1 Per BN  |  |
| **Radar System (RS) AN/MPQ-64F1 Sentinel F1** | **QTY: Minimum Required** | **QTY: Requested** |
| 5d | Radar System Contains:* AN/MPQ-64F1 (with integrated IFF) mounted on trailer
* AN/MPQ-64F1 Radar Tow Vehicle with Radar Power System
 | 1 Per FU |  |

|  |  |  |
| --- | --- | --- |
| **Canister Launcher (CL) System** | **QTY: Minimum Required** | **QTY: Requested** |
| 5e | Canister Launcher System Contains: * MkII Canister Launcher
* CL Power System with vehicle
* Launcher Communication Node (LCN)
* CL Transport Vehicle with hook-lift and crane
 | 3 Per FU |  |

| **Supporting Assets** | **QTY Minimum Required** | **QTY Requested** |
| --- | --- | --- |
| 5g | Communication Node System (CNS) Contains:* CNS (operable as a Radar Command Post providing RF communications between FDC and Radar)
* CNS Vehicle (4x4 vehicle with 50 Hz generator mounted in rear)
 | 1 Per FU |  |
| 5h | Maintenance Support Shelter (MSS) Contains:* MSS (pallet-mounted shelter w/air conditioning & comm equipment)
* MSS Transport Vehicle (Prime Mover/Transport Vehicle with hook-lift)
* MSS Power System with vehicle (Includes Radio)
 | 2 Per BN |  |
| 5i | Spare Parts and Consumables | 1 LOT |  |
| 5j | NASAMS Special Tools and Test Equipment | 1 LOT |  |
| 5k | Ruggedized Laptops for Technical Manuals (TMs) & Interactive Technical Manuals (IETMs) | 7 per FU  |  |
| 5l | NASAMS Classroom Trainer (Optional, however, recommended) | 1 per Case |  |

**Ground Rules/Assumptions for a Standard FMS NASAMS Configuration:**

* Battalion (BN) for the purposes of this checklist refers to 2 or more Fire Units.

|  |  |  |  |
| --- | --- | --- | --- |
| **6** | **NASAMS Optional Supporting Items Hardware** | **QTY: Minimum Required** | **QTY: Requested** |
| 6a | **OPTIONAL**Electro-Optical (EO) Sensor System | 1 per FU |  |

| **7** | **NASAMS MEI Missiles** | **OPR** | **QTY: Minimum Required** | **QTY: Requested** |
| --- | --- | --- | --- | --- |
| 7a | Advanced Medium Range Air-to-Air Missile (AMRAAM) | USAF—all LORs for AMRAAM must be submitted to USAF | 4-6 per CL x 3 per FU=12-18 per FU |  |
| 7b | AMRAAM-Extended Range (ER) | USAF— all LORs for AMRAAM-ER must be submitted to USAF | 2-6 per CL x 3 per FU = 6-18 per FU |  |
| 7c | Air Intercept Missile (AIM)-9X | Navy— all LORs for AIM-9X must be submitted to Navy | 4-6 per CL x 3 per FU = 12-18 per FU |  |

| **8** | **NASAMS MEI Software (SW)** | **QTY: Minimum Required** | **QTY: Requested** |
| --- | --- | --- | --- |
| 8a | Standard SW Package (includes Classified and Unclassified SW for NASAMS, Mission Support, Multi-Missile Interface, Dynamic Weapon Engagement Zone, etc.) | 1 Set Per FU, 1 Set Per TCC | N/A |
| 8b | AN/MPQ-64F1 Sentinel Radar Software (Classified)  | 1 Set Per FU | N/A |

| **9** | **Missile Support Assets** | **QTY: Minimum Required** | **QTY: Requested** |
| --- | --- | --- | --- |
| 9a | Missile Reload Vehicle (MRV) System | 1 per FU |  |
| 9b | Missile Transport Pallet (MTP) | 1 per FU |  |
| 9c | MRV Transport Vehicle(Vehicle with hook lift and crane) | 1 per FU |  |

| **10** | **Additional Communications Capabilities** (not covered above) |
| --- | --- |
| 10a | Are unique and/or command / control /communication capabilities being requested? If Yes, state here: |

| **11** | **Weapon System Mobility** | **Yes/No** |
| --- | --- | --- |
| 11a | Is the system operating from a fixed site with no mobility requirements? Recommend shore power. |  |
| 11b | Requesting integration onto indigenous vehicles and trailers? |  |

|  |  |
| --- | --- |
| **12** | **Operational and Maintenance Strategies** |
| 12a | Projected OPTEMPO Per Year |  | Hours Per Day |  |

| **13** | **Weapon system sustainment and life cycle logistics** | **Yes/No** |
| --- | --- | --- |
| 13a | Are there any customer unique Support Equipment requirements? If ‘YES’, state below: |  |

| **14** | **Supply (Spare Parts) and Support Equipment (SE)** | **Yes/No** | **# Years** |
| --- | --- | --- | --- |
| 14a | 2 Years of Spare Parts Classified REQUIRED  | N/A | 2 |
| 14b | 3-5 Years of Spare Parts Classified Desired? |  |  |
| 14c | 2 Years of Spare Parts Unclassified REQUIRED | N/A | 2 |
| 14d | 3-5 Years of Spare Parts Unclassified Desired? |  |  |
| 14e | SICO Spares/Training REQUIRED | N/A | N/A |

| **15** | **Training Requirements** | **Yes/No** |
| --- | --- | --- |
| 15a | NASAMS Training at Contractor Facility in Norway |  |
| 15b | NASAMS Training in Country |  |
| 15c | NASAMS Training Total # of Students |  |

| **16** | **Army Corps of Engineers Facilities Construction Requirements (not required, but available if customer wants fixed site)** | **Yes/No** |
| --- | --- | --- |
| 16a | Tactical Sites |  |
| 16b | Projected dates for a Site Survey (list here): |
| 16c | Site Survey Locations (list below): |
| 16d | Maintenance & Repair |  |
| 16e | Command and Control Headquarters |  |
| 16f | Training Facilities |  |
| 16g | Country unique |  |
| 16h | Missile Storage--**always required** (note AMRAAM and AIM-9X have special storage requirements that will be coordinated by the service in charge) |  |