# **PATRIOT WEAPON SYSTEM**

ROM P&A LOA	AMENDMENT	
GENERAL AND/OR SPECIAL CONSIDERATIONS		
International Partner:		
Number of Fire Units:		
Is this a request for new PATRIOT?	YES	NO
Is this a request for additional PATRIOT Fire Units?	YES	NO
Is this a request for an upgrade PATRIOT Fire Units?	YES	NO
If this request is for an upgrade, what equipment upgrad	e is needed?	
Customer's Technical Point of Contact (POC):		
(Name) (Title)	(Telephone)	
Request for Acquisition, Amendment, or Price and Availa	ibility (P&A)?	
Was P&A previously received for this sale?		
If P&A was requested, what is the P&A case designator?		
Foreign Military Sales (FMS) Direct Commercial Sale	(DCS) or Hybrid	
If requested effort is Combined FMS & DCS effort, please	identify proposed schedule a	nd other
pertinent details:		
Projected Delivery Time: FIRST LAST		
Projected CONOPS Per Year? 24/7 Hours per Day:		
Does LOR address a request for a Waiver of Nonrecurring	g Cost (NC) Charges? YES	NO
Will this procurement be competitive procurement?	YES	NO
Are offsets a part of this program?	YES	NO
What is the funding source and availability for this progr	am?	
Will a special payment schedule and initial deposit be ne		NO
2. LETTER OF OFFER AND ACCEPTANCE (LOA) INFORMA		
2.1 What other types of equipment, support, or services	are being considered and ho	w do you plan on
acquiring them?		
2.1.1 Support/Sustainment	FMS	DCS
2.1.2 Training/Simulation Modules	FMS	DCS
2.1.3 Defense Contract Management Agency (D		DCS
2.1.4 National Geospatial-Intelligence Agency (I	•	DCS
2.1.5 Site Survey	FMS	DCS
2.1.6 National Security Agency (NSA)	FMS	DCS
2.1.7 System Defense Design	FMS	DCS
2.1.8 Other	FMS	DCS
2.2 Are you considering a Pre-LOA Support Case	YES	NO
2.3 Is the USG Program Office involved in this requirement	ent and YES	NO
executing this checklist?		
2.4 Is the International Partner experienced with FMS A	•	NO
2.5 What are the projected dates for a Site Survey and T	raining Needs Analysis?	
2.5.1 Site Survey:		
2.5.2 Training Needs Analysis:		
2.6 Are unique and/or controlled communication capab	ilities being requested? YES	NO
2.7 Missiles:		
2.8.1 GEMT (4 per LS): QTY		
2.8.2 MSE (up to 12 per LS): QTY		
2.8.3 What is LS load out (how many GEMT / ho	w many MSE: QTY	
2.8.4 GEMT Reload: QTY		

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2.8.5 MSE Reload: QTY
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2.8.6 MSE Test Missile: QTY

2.8.7 GEMT Test Missile: QTY

### 2.8 Fire Units - How many?

- 2.8.1 Radar Set (1 per FU)
- 2.8.2 ECS (1 per FU)
- 2.8.3 ICC (1 per Bn)
- 2.8.4 Launching Stations (3, 4 or 6 per FU)
  - 2.8.4.1 LMKs (ELES)
  - 2.8.4.2 MSE LS Conversion Kit
  - 2.8.4.3 PALS
  - 2.8.4.4 Shorting Plugs (CRI) 13506191
  - 2.8.4.5 Shorting Plugs (MSE) 14101316
  - 2.8.4.6 Prime's M902 to M903 kit
  - 2.8.4.7 Heater Controllers
  - 2.8.4.8 Missile Skids
  - 2.8.4.9 Missile Slings
- 2.8.5 CRG
- 2.8.6 AMG (1 per MEI)
- 2.8.7 D-TCS

## 2.9 Configuration

- 2.9.1 Hardware
- 2.9.2 Software
- 2.10 Test Program Requirements # flights
  - 2.10.1 Range
  - 2.10.2 Contractor Support
  - 2.10.3 Targets
  - 2.10.4 Telemetry Kits
  - 2.10.5 Test Missiles

## 2.11 Communication Requirements

- 2.11.1 Unique Specify
- 2.11.2 Voice Radios: (SINCGARS) 1 per ECS, CRG, and LS; Specify if other than SINCGARS

(remote launch capability?)

- 2.11.3 Data Radios: (Kongsberg) 4 per ICC, ECS and CRG; Specify if other than Kongsberg
- 2.11.4 Commo Support Requirements
  - 2.11.4.1 Training
  - 2.11.4.2 Spares
  - 2.11.4.3 Test Equipment
  - 2.11.4.4 Crypto
  - 2.11.4.5 Fill Devices
  - 2.11.4.6 Other

## 2.12 Ancillary Equipment

- 2.12.6 IFF with support package (1 per RS) to include GB-GRAM
- 2.12.7 Simplified Survey System
- 2.12.8 INFS
- 2.12.9 DAGR

## 2.13 Power Requirements

- 2.13.1 EPP
- 2.13.2 EPU

- 2.13.3 Frequency Convertors
- 2.13.4 15 kW trailer mounted for BME/BMC/ISE
- 2.13.5 15kW skid mounted for LS
- 2.14 Government Furnished Requirements
  - 2.14.1 Have Government Furnished Equipment (GFE) needs been identified?
  - 2.14.2 Will the country provide any GFE items to support the effort?
  - 2.14.3 If 'YES', identify the country provided GFE items:
  - 2.14.4 If 'YES', how will the country provide items to be shipped, stored, and repaired?
  - 2.14.5 If Direct Commercial Sale, will GFE be required to support DCS production?
- 2.15 Desired First Unit Equipped
- 2.16 Are there mobility requirements?
- 2.17 Vehicles
  - 2.17.1 USG (HEMETT) (includes support package)
  - 2.17.2 Indigenous Indigenous impacts (any test, weight limit, etc)
- 2.18 Unique Country Requirements
- 2.19 Publications
  - 2.19.1 US TMs
  - 2.19.2 Unique Publications
- 2.20 Support Equipment Quantities:
  - 2.20.1 BMC
  - 2.20.2 BME
  - 2.20.3 ISE
  - 2.20.4 CMETTE
  - 2.20.5 GMT
  - 2.20.6 LRPT
  - 2.20.7 SRPT
  - 2.20.8 Fuel Tanker
  - 2.20.9 Water Tanker
- 2.21 ACOE Construction Requirements
  - 2.21.1 Tactical Sites
  - 2.21.2 DEPOT
  - 2.21.3 Headquarters
  - 2.21.4 Training Facility
  - 2.21.5 Other

#### 3. OPERATIONAL AND MAINTENANCE STRATEGIES

- 3.1 Operations Strategies
  - 3.1.1 What is the Operational concept (e.g. OPTEMPO, forward operation locations, and deployments)?
- 3.2 Maintenance Strategies
  - 3.2.1 What is the maintenance (MX) concept (i.e. O-level, I-level, D-level) being considered for the system?
  - 3.2.2 What are your Initial Support requirements? (e.g. 1-3 years, 1-4 years, 1-5 years, etc.)
  - 3.2.3 How do you plan to acquire initial and recurring support?
    - 3.2.3.1 Is there a supply system in place to support this requirement?
    - 3.2.3.2 What are your recurring support requirements? (After Initial Support)
  - 3.2.4 What is the Supply concept? (Repair & Return; how many years?)

- 3.3 Supply (Spare Parts) and Support Equipment (SE)
  - 3.3.1 Is procurement of initial, concurrent, and long-lead spares required?
  - 3.3.2 Describe how the customer will acquire initial & follow-on spares?
  - 3.3.3 Are there any Test, Measurement and Diagnostic Equipment currently in country that is planned to be used as part of this effort?
  - 3.3.4 Are there any customer unique Support Equipment requirements? Please describe.
  - 3.3.5 PATRIOT Initial Associated Items (based on MEI density)
  - 3.3.6 PLL Level
  - 3.3.7 ASL Level
  - 3.3.8 TASL Level
  - 3.3.9 SICO Spares
  - 3.3.10 Higher Headquarters Battalion
- 3.4 Maintenance Concept Depot Capability
  - 3.4.1 P243
  - 3.4.2 P244
  - 3.4.3 P247
  - 3.4.4 PAO
  - 3.4.5 CLET
  - 3.4.6 DITMCO
  - 3.4.7 GETS
  - 3.4.8 Other

## 4. TRAINING REQUIREMENTS

- 4.1 Pre-Training Requirements
  - 4.1.1 Language
    - 4.1.1.1. Do you have a language lab or in-country language training?
    - 4.1.1.2 Will you require language training through the Defense Language YES NO Institute (DLI)?

YES

NO

- 4.2 Training Requirements
  - 4.2.1 Supply Training
    - 4.2.1.1 How many supply personnel require training?
  - 4.2.2 Do you require basic skills training?
  - 4.2.3 Organic Maintenance Training
    - 4.2.3.1 How are your maintainers organized (skill sets)?
    - 4.2.3.2 How many of each skill set need to be trained?
    - 4.2.3.3 Do you require basic skills training?
  - 4.2.4 What type of Maintenance training is needed?
    - 4.2.4.1 MOS: 4.2.4.2 NET:
  - 4.2.5 UNIQUE:
  - 4.2.6 RT3 Lab (8 student stations, 1 Scenario Generator, 1 Student Guide)
  - 4.2.7 PCOFT Scenarios
  - 4.2.8 PMET Suite (RS, ECS, LS)
  - 4.2.9 Missile Round Trainers for GEMT
  - 4.2.10 Missile Round Trainers for MSE
  - 4.2.11 Empty Round Trainer for MSE

## 5. SERVICES

- 5.1 Technical Assistance LTPO # years
- 5.2 Contractor Technical Assistance Prime # years

- 5.3 Contractor Technical Assistance Prime # years
- 5.4 Contractor Technical Assistance GETS 1000 # years
- 5.5 Systems Integration Checkout LTPO # iterations
- 5.5 Repair & Return # years
- 5.7 New Equipment Training # iterations/# students per iteration
- 5.8 Information Assurance Risk Management Framework # years / hardware
- 5.9 USG Field Office # years
- 5.10 QAT Services
- 5.11 Facility Security Inspection
- 5.12 Fair Share Programs
  - 5.10.1 IESP # years & selectable tasks
  - 5.10.2 IESP Unique # years
  - 5.10.3 PAC3 FSP # years
  - 5.10.4 GEMT FSP # years
- 5.13 USG Transportation (missiles)
- 5.14 Enhanced End Use Monitoring
  - 5.14.1 Number and Location of Storage Facilities