

POLICY JUSTIFICATIONPakistan – Cooperative Logistics Supply Support Agreement (CLSSA) Foreign Military Sale Order (FMSO)II Support

The Government of Pakistan requests a Foreign Military Sale Order (FMSO) to provide funds for blanket order requisitions FMSO II, under the Cooperative Logistics Supply Support Agreement (CLSSA) for spare parts in support of F-16, C-130, T-37 and T-33 aircraft and other aircraft or systems/subsystems of U.S. origin in the inventory of the Pakistan Air Force. The estimated cost is \$62 million.

This proposed sale will contribute to the foreign policy and national security of the United States by helping to improve the security of a friendly country that has been, and continues to be, an important force for political stability and economic progress in Central Asia.

The uninterrupted supply of spare parts will allow Pakistan to keep its aircraft fleet at the highest state or readiness.

The proposed sale of this equipment and support will not alter the basic military balance in the region.

Procurement of these items will be from many contractors providing similar items to the U.S. forces. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this sale will not require the assignment of any additional U.S. government or contractor representatives to Pakistan.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

[FR Doc. 2011-13072 Filed 5-25-11; 8:45 am]

BILLING CODE 5001-06-C

---

**DEPARTMENT OF DEFENSE**

**Office of the Secretary**

[Transmittal Nos. 11-03]

**36(b)(1) Arms Sales Notification**

**AGENCY:** Defense Security Cooperation Agency, Department of Defense.

**ACTION:** Notice.

**SUMMARY:** The Department of Defense is publishing the unclassified text of a section 36(b)(1) arms sales notification. This is published to fulfill the requirements of section 155 of Public Law 104-164 dated 21 July 1996.

**FOR FURTHER INFORMATION CONTACT:** Ms. B. English, DSCA/DBO/CFM, (703) 601-3740.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittals 11-03 with attached transmittal, policy justification, and Sensitivity of Technology.

Dated: May 23, 2011.

**Aaron Siegel,**

*Alternate OSD Federal Register Liaison Officer,*

Department of Defense.

BILLING CODE 5001-06-P



DEFENSE SECURITY COOPERATION AGENCY  
201 12TH STREET SOUTH, STE 203  
ARLINGTON, VA 22202-5408

The Honorable John A. Boehner  
Speaker of the House  
U.S. House of Representatives  
Washington, DC 20615

MAY 12 2011

Dear Mr. Speaker:

Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 11-03, concerning the Department of the Navy's proposed Letter(s) of Offer and Acceptance to Malaysia for defense articles and services estimated to cost \$72 million. After this letter is delivered to your office, we plan to issue a press statement to notify the public of this proposed sale.

Sincerely,

A handwritten signature in black ink that reads "Richard A. Genaille, Jr." The signature is written in a cursive style.

**Richard A. Genaille, Jr.**  
**Deputy Director**

- Enclosures:
1. Transmittal
  2. Policy Justification
  3. Sensitivity of Technology



Transmittal No. 11-03

Notice of Proposed Issuance of Letter of Offer  
Pursuant to Section 36(b)(1)  
of the Arms Export Control Act, as amended

- (i) Prospective Purchaser: Malaysia
- (ii) Total Estimated Value:
- |                          |                     |
|--------------------------|---------------------|
| Major Defense Equipment* | \$22 million        |
| Other                    | <u>\$50 million</u> |
| TOTAL                    | \$72 million        |
- (iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase: Procurement and integration of a Mid Life Upgrade to existing F/A 18D aircraft including six (6) AN/ASQ-228 Advanced Targeting Forward Looking Infrared (ATFLIR) Pods. Also included are software development, system integration and testing, test sets, aircrew and maintenance training, support equipment, spares and repair parts, publications, technical documentation, U.S. Government and contractor technical, logistics, engineering support services, and other related elements of program support.
- (iv) Military Department: Navy (LBE Amendment 1)
- (v) Prior Related Cases, if any:
- FMS Case LBE-\$29M-29 May 2009  
FMS Case SAJ-\$623M-22 Dec 1993
- (vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: none
- (vii) Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: See Annex attached
- (viii) Date Report Delivered to Congress: MAY 12 2011

\* as defined in Section 47(6) of the Arms Export Control Act.

POLICY JUSTIFICATIONMalaysia – Advanced Targeting Forward Looking Infrared (ATFLIR)

The Government of Malaysia has requested the procurement and integration of a Mid Life Upgrade to existing F/A-18D aircraft including six (6) AN/ASQ-228 ATFLIR Pods. Also included are software development, system integration and testing, test sets, aircrew and maintenance training, support equipment, spares and repair parts, publications, technical documentation, U.S. Government and contractor technical, logistics, engineering support services, and other related elements of program support. The estimated cost is \$72 million.

This proposed sale will contribute to the foreign policy and national security of the United States by helping to improve the security of a friendly country that has been, and continues to be, an important force for political stability and economic progress in East Asia.

Malaysia needs these assets to support future coalition operations and aircraft interoperability with the U.S. and other regional partners. This will upgrade the current FLIR pod to a current configuration, reducing obsolescence issues, and aligning the Malaysian Navy with functionality similar to the U.S. Navy.

The proposed sale of this equipment and support will not alter the basic military balance in the region.

The principal contractor will be The Boeing Company in St. Louis, Missouri.

There are no known offset agreements proposed in connection with this potential sale.

Implementation of this sale will require the temporary travel of approximately eight contractor representatives to Malaysia for installation, system validation, and verification of this system along with other upgrade capabilities being integrated and installed simultaneously.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

Transmittal No. 11-03

Notice of Proposed Issuance of Letter of Offer  
Pursuant to Section 36(b)(1)  
of the Arms Export Control Act, as amended

Annex  
Item No. vii

(vii) Sensitivity of Technology:

1. The APX-111 Combined Interrogator/Transponder (CIT) is classified Secret. The CIT is a complete MARK-XII identification system compatible with Identification Friend or Foe Modes 1, 2, 3/A, C, 4 and S, with growth to mode 5. As a transponder, the CIT is capable of replying to interrogation modes 1, 2, 3/A, C (altitude) and secure mode 4. The Mode S Beacon System is a combined data link and Secondary Surveillance Radar (SSR) system. Mode S provides air surveillance using a data link with a permanent unique aircraft address. Selective Interrogation provides higher data integrity, reduced interference levels, increased air traffic capacity, and adds an air-to-ground data link.

2. The AN/ASQ-228 Advanced Targeting Forward Looking Infrared (ATFLIR) Pod is classified Secret. The ATFLIR is the first bottom-up, fully developed and integrated 3<sup>rd</sup> generation tactical aircraft FLIR. It includes advances in targeting laser designation, range finding, and target coordinate generation capabilities over fielded Gen I/II systems. The Targeting FLIR thermal imaging system uses a 3<sup>rd</sup> generation large format (640X480) staring focal plane array detector operating in the 3 to 5 micrometer atmospheric transmission band. The Electro-Optic sensor portion is a visible light imaging system using a charge coupled device focal plan array operating in the 0.5 to 0.9 micrometer transmission range. It combines the functions of two legacy pod systems into one pod. To improve serviceability, ATFLIR has fewer parts than many previous systems. The system is housed in a pod which is mounted on the aircraft's left fuselage station.

3. The Joint Mission Planning System (JMPS) with Unique Planning Components (UPC) and GPS is classified Secret. JMPS will provide mission planning capability for support of military aviation operations. It will also provide support for unit-level mission planning for all phases of military flight operations and have the capability to provide necessary mission data for the aircrew. JMPS will support downloading of data to electronic data transfer devices for transfer to aircraft and weapon systems. JMPS for a specific aircraft type will consist of basic planning tools called the Joint Mission Planning Environment (JMPE) mated with a UPC provided by the aircraft program. In addition, UPCs will be required for specific weapons, communication devices, and moving map displays in order for proper RMAF mission planning.

4. The Tactical Aircraft Moving Map Capability (TAMMAC) with Terrain Awareness Warning System (TAWS) is classified Secret. The TAMMAC Digital Map Computer (DMC) is a system-level solution that offers the highest overall performance. In addition to the feature-rich software and high-performance graphics accelerator, it bundles in mass storage and processing speed to provide the aircrew with an easily assimilated graphical presentation of the aircraft's present position and the relative positions of targets, threats, terrain features, planned mission flight path, no fly zones, safe

bases, and other objects. Its advanced map capabilities that increase mission effectiveness include presentation of contour line, slope shading, dynamic elevation banding, threat inter-visibility, cultural features, variable scaling, and overlays. The TAMMAC map allows the aircrew to display fire support coordination measures, vertical obstructions, and Digital Aeronautical Flight Information File (DAFIF) information. The TAWS enhancement will provide Hornet pilots with a terrain awareness and avoidance system integrated with the real-time-in-the-cockpit digital map display provided by TAMMAC DMC.

5. The AN/ALR-67(V)2 Hot Quad Receiver with software updates is classified Secret. The AN/ALR-67 countermeasures warning and control system is the standard threat warning system for tactical aircraft. The system detects, identifies, and displays radars and radar-guided weapon systems. The system also coordinates its operation with onboard fire-control radars, data link, jammers, missile detection systems and anti-radiation missiles. The system is comprised of four small spiral high-band antennas to provide 360 degree azimuth Radio Frequency coverage; four wideband, high-band quadrant receiver amplifiers; one low-band array plus receiver to provide 360 degree azimuth low-band coverage; one narrowband super heterodyne receiver for signal analysis functions; twin Central Processing Units; an azimuth display unit (ADU) and a control unit. The purpose of the Hot Quad upgrade is to increase the present performance of the receiver radar. The modification replaces the Quadrant Radio Frequency Amplifier with a new amplifier (Hot Quad) that has higher gain and lower noise to improve pulse and continuous wave (CW) emitter detection range. This change will improve detection and so survivability of the aircraft and crew.

6. If a technologically advanced adversary were to obtain knowledge of the specific hardware and software elements, the information could be used to develop countermeasures which might reduce weapon system effectiveness or be used in development of a system with similar or advanced capabilities.

[FR Doc. 2011-13077 Filed 5-25-11; 8:45 am]  
BILLING CODE 5001-06-C

**DEPARTMENT OF DEFENSE**

**Office of the Secretary**  
[Transmittal Nos. 11-01]

**36(b)(1) Arms Sales Notification**

**AGENCY:** Defense Security Cooperation Agency, Department of Defense.

**ACTION:** Notice.

**SUMMARY:** The Department of Defense is publishing the unclassified text of a section 36(b)(1) arms sales notification. This is published to fulfill the requirements of section 155 of Public Law 104-164 dated 21 July 1996.

**FOR FURTHER INFORMATION CONTACT:** Ms. B. English, DSCA/DBO/CFM, (703) 601-3740.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittals 11-01 with attached transmittal, policy justification, and Sensitivity of Technology.

Dated: May 19, 2011.

**Aaron Siegel,**  
*Alternate OSD Federal Register Liaison Officer, Department of Defense.*

**BILLING CODE 5001-06-P**



**DEFENSE SECURITY COOPERATION AGENCY**

201 12TH STREET SOUTH, STE 203  
ARLINGTON, VA 22202-5408

**MAY 17 2011**

The Honorable John A. Boehner  
Speaker  
U.S. House of Representatives  
Washington, DC 20515

Dear Mr. Speaker:

Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 11-01, concerning the Department of the Navy's proposed Letter(s) of Offer and Acceptance to Morocco for defense articles and services estimated to cost \$50 million. After this letter is delivered to your office, we plan to issue a press statement to notify the public of this proposed sale.

Sincerely,  
  
**Richard A. Genaille, Jr.**  
**Deputy Director**

- Enclosures:
- 1. Transmittal
  - 2. Policy Justification
  - 3. Sensitivity of Technology
  - 4. Regional Balance (Classified Document Provided under Separate Cover)

