

17. The AGM-84L HARPOON Block II missile contains sensitive technology and has the following classified components, including applicable technical and equipment documentation and manuals:

- a. Radar seeker
- b. Global Positioning System/Inertial Navigation System (GPS/INS)
- c. Operational Flight Program (OFP)
- d. Missile operational characteristics and performance data

These elements are essential to the ability of the HARPOON missile to selectively engage hostile targets under a wide range of operational, tactical, and environmental conditions.

18. The Joint Direct Attack Munitions (JDAM) is an air-to-ground weapon with a guidance tail kit that converts unguided free-fall bombs into accurate, adverse weather "smart" munitions. The JDAM AUR is Unclassified; technical data for JDAM is classified up to Secret.

19. The GPS/Laser dual mode guided weapon will consist of either the Enhanced PAVEWAY II (EPII) or the Laser JDAM (LJDAM). The EPII adds a GPS guidance capability to the legacy PAVEWAY laser guidance weapons. The LJDAM adds a laser guidance kit in the nose of the JDAM to provide a laser guidance option. Both weapons in an AUR configuration are Unclassified; technical data for both weapons is classified up to Secret.

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

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DEPARTMENT OF DEFENSE

Office of the Secretary

[Transmittal Nos. 10-58]

36(b)(1) Arms Sales Notification

AGENCY: Department of Defense, Defense Security Cooperation Agency.

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.

SUPPLEMENTARY INFORMATION: The following is a copy of a letter to the Speaker of the House of Representatives, Transmittals 10-58 with attached transmittal, policy justification, and Sensitivity of Technology.

Dated: November 9, 2010.

Morgan F. Park,

Alternate OSD Federal Register Liaison Officer, Department of Defense.

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DEFENSE SECURITY COOPERATION AGENCY

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

NOV 03 2010

The Honorable Nancy Pelosi
Speaker
U.S. House of Representatives
Washington, DC 20515

Dear Madam 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. 10-58, concerning the Department of the Army's proposed Letter(s) of Offer and Acceptance to the United Arab Emirates for defense articles and services estimated to cost \$145 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, reading "Richard A. Genaille, Jr.", is positioned below the word "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)



Transmittal No. 10-58

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: United Arab Emirates
- (ii) Total Estimated Value:

Major Defense Equipment*	\$135 million
Other	\$ <u>5 million</u>
TOTAL	\$140 million
- (iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase: 100 Army Tactical Missile Systems (ATACMS), 60 Low Cost Reduced-Range Practice Rockets (LCRRPR), publications and technical documentation, training, U.S. government and contractor technical and engineering support, and other related elements of program support.
- (iv) Military Department: Army (ZUD, Amd #2)
- (v) Prior Related Cases, if any: FMS Case ZUD-\$595M-1Aug07
- (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: 3 November 2010

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

POLICY JUSTIFICATIONUnited Arab Emirates – Army Tactical Missile Systems (ATACMS) T2K Unitary Missiles/Low Cost Reduced-Range Practice Rockets

The Government of the United Arab Emirates has requested a possible sale of 100 Army Tactical Missile Systems (ATACMS), 60 Low Cost Reduced-Range Practice Rockets (LCRRPR), publications and technical documentation, training, U.S. government and contractor technical and engineering support, and other related elements of program support. The estimated cost is \$140 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 which has been, and continues to be, an important force for political stability and economic progress in the Middle East.

The United Arab Emirates intends to use these defense articles and services to modernize its armed forces and expand existing army architecture to counter threats posed by potential attack. This will contribute to the UAE military's goal of updating capability while further enhancing interoperability with the U.S. and other allies.

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

The prime contractor will be Lockheed Martin Industries located in Horizon City, Texas and Camden, Arkansas. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will require the assignment of up to 10 U.S. government or contractor representatives to travel to the United Arab Emirates for a period of up to one year for equipment de-processing/fielding, system checkout and training.

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

Transmittal No. 10-58

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

Annex
Item No. vii

(vii) Sensitivity of Technology:

1. The Army Tactical Missile System (ATACMS) is a ground-launched surface-to-surface guided missile system. ATACMS are fired from the M270A1 Multiple Launch Rocket System and the High Mobility Artillery Rocket System launchers. The highest classification level for release of the ATACMS T2K Unitary Missile is Secret. The highest level of classified information that could be disclosed by a sale or by testing of the end item is Secret. The Fire Direction System, Data Processing Unit, and special application software are Secret. The highest level that must be disclosed for production, maintenance, or training is Confidential. The Communications Distribution Unit software is Confidential. The system specifications and limitations are classified Confidential. The vulnerability data, countermeasures, vulnerability/susceptibility analyses, and threat definitions are classified up to Secret.

2. 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 the development of a system with similar or advanced capabilities.