

singularly or in combinations. Hardware is Unclassified. Technical manuals for authorized maintenance levels are Unclassified. Reverse engineering is not a major concern.

c. The AAR-57(V)3/5 Common Missile Warning System (CMWS) detects energy emitted by threat missile in-flight, evaluates potential false alarm emitters in the environment, declares validity of threat and selects appropriate counter-measures. The CMWS consists of an Electronic Control Unit (ECU), Electro-Optic Missile Sensors (EOMSs), and Sequencer and Improved Countermeasures Dispenser (ICMD). The ECU hardware is classified Confidential and releasable technical manuals for operation and maintenance are classified Secret.

d. The AN/APR-39 Radar Signal Detecting Set is a system, that provides warning of a radar directed air defense threat and allow appropriate countermeasures. This is the 1553 databus compatible configuration. The hardware is classified Confidential when programmed with U.S. threat data; releasable technical manuals for operation and maintenance are classified Confidential; releasable technical data (technical performance) is classified Secret.

e. The AN/AVR-2B Laser Warning Set is a passive laser warning system that receives, processes and displays threat information resulting from aircraft illumination by lasers on the multi-functional display. The hardware is classified Confidential; releasable technical manuals for operation and maintenance are classified Secret.

f. The Integrated Helmet Display Sight System (IHDSS) is an enhanced version of its predecessor. It will provide improved operational performance primarily in resolution allowing greater utilization of the M-TADS/M-PNVS performance enhancements. The hardware is Unclassified.

g. The highest level for release of the AGM-114R HELLFIRE II is Secret, based upon the software. The highest level of classified information that could be disclosed by a proposed sale or by testing of the end item is Secret; the highest level that must be disclosed for production, maintenance, or training is Confidential. Reverse engineering could reveal Confidential information. Vulnerability data, countermeasures, vulnerability/susceptibility analyses, and threat definitions are classified Secret or Confidential.

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.

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DEPARTMENT OF DEFENSE

Office of the Secretary

[Transmittal Nos. 10-57]

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 10-57 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.

BILLING CODE 5001-06-P



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. 10-57, concerning the Department of the Army's proposed Letter(s) of Offer and Acceptance to Bahrain for defense articles and services estimated to cost \$70 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." in a cursive script.

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. 10-57

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: Bahrain
- (ii) Total Estimated Value:
- | | |
|--------------------------|---------------------|
| Major Defense Equipment* | \$50 million |
| Other | <u>\$20 million</u> |
| TOTAL | \$70 million |
- (iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase: 30 Army Tactical Missile Systems (ATACMS) T2K Unitary Missiles, Missile Common Test Device software, ATACMS Quality Assurance Team support, 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 (UJK)
- (v) Prior Related Cases, if any: FMS case UHM-\$27M-15Nov00
- (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 JUSTIFICATION

Bahrain – Army Tactical Missile Systems T2K Unitary

The Government of Bahrain has requested a possible sale of 30 Army Tactical Missile Systems (ATACMS) T2K Unitary Missiles, Missile Common Test Device software, ATACMS Quality Assurance Team support, 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 \$70 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.

Bahrain intends to use these defense articles and services to modernize its armed forces. The Bahrain Defense Forces intends to expand its existing army architecture to counter major regional threats. This will contribute to the Bahrain military's goal of modernizing its 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 in 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 approximately three government or contractor representatives to travel to Bahrain for a period of two weeks 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. 10-57

Notice of Proposed Issuance of Letter of Offer
Pursuant to Section 36(b)(1)
of the Arms Export Control ActAnnex
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 could be used in the development of a system with similar or advanced capabilities.