

**DEPARTMENT OF DEFENSE****Office of the Secretary**

[Transmittal Nos. 10–78]

**36(b)(1) Arms Sales Notification****AGENCY:** Defense Security Cooperation Agency, DoD.**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 10–78 with attached transmittal, policy justification, and Sensitivity of Technology.

Dated: March 30, 2011.

**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

MAR 30 2011

The Honorable John Boehner  
Speaker of the House  
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. 10-78, concerning the Department of the Army's proposed Letter(s) of Offer and Acceptance to Iraq for defense articles and services estimated to cost \$299 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 "William E. Landay III".

**William E. Landay III**  
Vice Admiral, USN  
Director

Enclosures:

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



Transmittal No. 10-78

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: Iraq
- (ii) Total Estimated Value:
- |                          |                       |
|--------------------------|-----------------------|
| Major Defense Equipment* | \$ 89 million         |
| Other                    | \$ <u>210 million</u> |
| TOTAL                    | \$ 299 million        |
- (iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase: 6 AN/TPQ-36(V)10 FIREFINDER Radar Systems, 18 AN/TPQ-48 Light Weight Counter-Mortar Radars, 3 Meteorological Measuring Sets, 36 export variant Single Channel Ground and Airborne Radio Systems, 6 Advanced Field Artillery Tactical Data Systems, 3 Position and Azimuth Determining Systems, government furnished equipment, common hardware and software, communication support equipment, tools and test equipment, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, U.S. Government and contractor engineering, logistics, and technical support services, and other related elements of logistics support.
- (iv) Military Department: Army (UDN and UDU)
- (v) Prior Related Cases, if any: None
- (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 Attached Annex
- (viii) Date Report Delivered to Congress: MAR 3 0 2011

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

POLICY JUSTIFICATIONIraq – AN/TPQ-36(V)10 FIREFINDER Radars

The Government of Iraq has requested a possible sale of 6 AN/TPQ-36(V)10 FIREFINDER Radar Systems, 18 AN/TPQ-48 Light Weight Counter-Mortar Radars, 3 Meteorological Measuring Sets, 36 export variant Single Channel Ground and Airborne Radio Systems, 6 Advanced Field Artillery Tactical Data Systems, 3 Position and Azimuth Determining Systems, government furnished equipment, common hardware and software, communication support equipment, tools and test equipment, spare and repair parts, support equipment, publications and technical data, personnel training and training equipment, U.S. Government and contractor engineering, logistics, and technical support services, and other related elements of logistics support. The estimated cost is \$299 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. This proposed sale directly supports the Iraq government and serves the interests of the Iraqi people and the U.S.

The proposed sale of the FIREFINDER radars will advance Iraq's efforts to develop an integrated ground defense capability and to develop a strong and dedicated military force. The FIREFINDER radars will enable Iraq to assume some of the missions currently accomplished by U.S. and coalition forces and to sustain itself in its efforts to establish stability to Iraq.

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

The prime contractors will be Thales Raytheon Systems in Fullerton, California, Northrop Grumman in Los Angeles, California, Smith-Detection Technologies in Edgewood, Maryland, ITT Corporation, Defense Electronics Services in McLean, Virginia, Raytheon Company in Waltham, Massachusetts, L-3 Communications in New York, New York, and SRCTec, Incorporated in North Syracuse, New York. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will require U.S. Government or contractor representatives to travel to Iraq for up to three years for equipment de-processing/fielding, system checkout, new equipment training, and logistics support.

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

Transmittal No. 10-78

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 AN/TPQ-36(V)10 FIREFINDER Radar is a counter-battery artillery radar set. The FIREFINDER Radar includes no classified equipment or material. There is no sensitive or restricted information contained in the AN/TPQ-36(V)10 hardware or software.

2. The Single Channel Ground and Airborne Radio System (SINGARS) provides commanders with a highly reliable, secure, easily maintained Combat Net Radio that has both voice and data handling capability in support of command and control operations. SINGARS, with the Internet Controller, provides the communications link for the digitized force. The system operates on any of the 2,320 channels between 30-88 megahertz and is designed to survive in a nuclear environment. SINGARS is operable in a hostile environment through use of Electronic Counter Countermeasures. The export version of SINGARS provided under this program contains no classified or controlled unclassified information.

3. The Advanced Field Artillery Tactical Data System (AFATDS) is an automated C3 (Command, Control and Communications) system for the battlefield functional area. It provides the commander with integrated, responsive, and reliable fire support. AFATDS is a fully automated fire support system, which minimizes the sensor-to-shooter timeline and increases the hit ratio. It provides fully automated support for planning, coordinating and controlling mortars, field artillery cannons, rockets, close air support, attack helicopter and naval gunfire, for close support, counter-fire, interdiction, and deep operations. The export version of AFATDS provided under this program contains no classified information.

4. The AN/TPQ-48(V)2 Light Weight Counter-Mortar Radar (LCMR) automatically detects and locates mortar firing positions by detecting and tracking in-flight mortar shells and backtracking them to their point-of-origin. As such, the radar provides continuous 360 degree surveillance, makes use of an electronically scanned antenna, and generates incoming round warnings and weapon location reports. The hardware, software, and technical publications provided with the sale are Unclassified. However, the system itself contains sensitive technology that instructs the system on how to operate in the presence of countermeasures.

5. 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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201 12TH STREET SOUTH, STE 203  
ARLINGTON, VA 22202-5408

MAR 30 2011

The Honorable John F. Kerry  
Chairman, Committee on Foreign Relations  
United States Senate  
Washington, DC 20510

Dear Mr. Chairman:

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