

Transmittal No. 05-07**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 P-3C "ORION" is a land-based, long-range, four-engine turboprop (T-56 engine), anti-submarine and maritime surveillance aircraft. Originally designed as an anti-submarine warfare patrol aircraft, the P-3C's mission has evolved to include surveillance of the battle space, either at sea or over land. The avionics system is integrated by a digital computer that supports all of the tactical displays, monitors and then automatically launches ordnance. In addition, the system coordinates navigation information and accepts sensor data inputs for tactical display and storage. The P-3C can carry a mixed payload of weapons internally and on wing pylons. Some of the publications, tactical equipment performance specifications, operational capabilities, and vulnerability to countermeasures are classified Secret. The classified information that will be provided consists only of that necessary for Pakistan to operate, maintain, and overhaul the P-3C airframe, T-56 engines, some of the installed avionics, and data management system software. Certain tactical systems will be returned to the original equipment manufacturer for repair, due to technology sensitivity. The P-3C, the Tactical Support Center (TSC) and the Mobile Operations Command Center (MOCC) include the following classified components: aircraft data management system, communications, and tactical systems, aircraft, TSC and MOCC software and aircraft, TSC and MOCC software documentation. The proposed sale is expected to provide classified equipment and documentation classified up to Secret. The classified information to be provided consists of that which is necessary for the operation, maintenance, and repair (through intermediate level) of the data link terminal, installed systems, and related software.

2. 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.

[FR Doc. 04-27126 Filed 12-9-04; 8:45 am]
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DEPARTMENT OF DEFENSE**Office of the Secretary**

[Transmittal No. 05-06]

36(b)(1) Arms Sales Notification

AGENCY: Department of Defense, Defense Security cooperation Agency.

ACTION: Notice.

SUMMARY: 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. J. Hurd, DSCA/OPS-ADMIN, (703) 604-6575.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 05-06 with attached transmittal, policy justification, and Sensitivity of Technology.

Dated: December 6, 2004.

Jeannette Owings-Ballard,
OSD Federal Register Liaison Officer
Department of Defense.

BILLING CODE 5001-06-M



DEFENSE SECURITY COOPERATION AGENCY

WASHINGTON, DC 20301-2800

16 NOV 2004

**In reply refer to:
I-04/007892**

**The Honorable J. Dennis Hastert
Speaker of the House of Representatives
Washington, D.C. 20515-6501**

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. 05-06, concerning the Department of the Army's proposed Letter(s) of Offer and Acceptance to Pakistan for defense articles and services estimated to cost \$82 million. Soon after this letter is delivered to your office, we plan to notify the news media.

Sincerely,

A handwritten signature in black ink that reads "Richard J. Millies".

**Richard J. Millies
Deputy Director**

Enclosures:

- 1. Transmittal No. 05-06**
- 2. Policy Justification**
- 3. Sensitivity of Technology**

**Same ltr to: House Committee on International Relations
Senate Committee on Foreign Relations
House Committee on Armed Services
Senate Committee on Armed Services
House Committee on Appropriations
Senate Committee on Appropriations**

Transmittal No. 05-06**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:** Pakistan
- (ii) **Total Estimated Value:**
- | | |
|--------------------------|---------------------|
| Major Defense Equipment* | \$81 million |
| Other | <u>\$ 1 million</u> |
| TOTAL | \$82 million |
- (iii) **Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:** 2,000 TOW-2A missiles, 14 TOW-2A Fly-to-Buy missiles, spare and repair parts, technical support, support equipment, personnel training and training equipment, technical data and publications, U.S. Government and contractor engineering and logistics support services, and other related elements of logistics support.
- (iv) **Military Department:** Army (VZR)
- (v) **Prior Related Cases, if any:**
FMS case VIC - \$ 9 million - 30Jun88
FMS case VFU - \$19 million - 30Jun86
- (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:** 16 NOV 2004

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

POLICY JUSTIFICATION

Pakistan - TOW-2A Anti-Armor Guided Missiles

The Government of Pakistan has requested a possible sale of 2,000 TOW-2A missiles, 14 TOW-2A Fly-to-Buy missiles, spare and repair parts, technical support, support equipment, personnel training and training equipment, technical data and publications, U.S. Government and contractor engineering and logistics support services, and other related elements of logistics support. The estimated cost is \$82 million.

This proposed sale will contribute to furthering the foreign policy and national security of the United States by helping a friendly country provide for its own legitimate self-defense needs and to enable Pakistan to support U.S. operations against terrorist activity along its porous borders. In addition, these missiles have most recently been employed in several global war on terrorism operations in the tribal areas of Pakistan and have allowed - when coupled with Cobra attack helicopters - the Government of Pakistan to employ new tactics, techniques and procedures that have proven highly effective against terrorists.

Pakistan will augment its land forces with these TOW-2A anti-armor guided missiles. Pakistan will use these missiles to increase its military defensive posture and will have no difficulty absorbing these additional missiles into its armed forces. Pakistan's existing inventory of TOW missiles will soon begin to be affected by its specified shelf life. While TOW missiles can be employed beyond their shelf life, system reliability and safety are eroded. Pakistan continues to expended TOW missiles in both training exercises and combat operations.

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

The prime contractor will be Raytheon Company in Tucson, Arizona. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed 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.

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Pursuant to Section 36(b)(1)
of the Arms Export Control Act****Annex
Item No. vii****(vii) Sensitivity of Technology:**

1. The TOW-2A (Tube-Launched, Optical-Tracked, Wire-Guided) missile is a heavy anti-tank weapon system, consisting of a launcher and a missile. The gunner defines the aim point by maintaining the sight cross hairs on the target. The launcher automatically steers the missile along the line-of-sight toward the aim point via a pair of wires that physically link the missile and the launcher. The TOW-2A configuration is the only direct attack version of the TOW family of missiles capable of defeating modern threat targets. It consists of a single main warhead and a standoff probe. The probe contains a precursor charge that detonates upon contact with the target for pre-emptive removal of reactive armor. The main charge is detonated by a subsequent timed interval or by contact with the target.

2. The TOW-2A Weapon System hardware and documentation provided with this proposed sale are Unclassified. However, sensitive technology is contained within the system itself. This sensitivity is primarily in the software programs, which instruct the system how to operate in the presence of countermeasures. Programs are contained in the system in the form of microprocessors with only Read out Memory maps being available, which do not provide the software program itself. The overall hardware is also considered sensitive in that the modulation frequency and infrared wavelengths could be useful in attempted countermeasure development. The benefits to be derived from this proposed sale outweigh the potential damage that could result if sensitive technology were revealed to unauthorized persons.

3. 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.

[FR Doc. 04-27127 Filed 12-9-04; 8:45 am]

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DEPARTMENT OF DEFENSE**Office of the Secretary**

[Transmittal No. 05-09]

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. J. Hurd, DSCA/OPS-ADMIN, (703) 604-6575.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 05-09 with attached transmittal, policy justification, and Sensitivity of Technology.

Dated: December 6, 2004.

Jeannette Owings-Ballard,
OSD Federal Register Liaison Officer,
Department of Defense.

BILLING CODE 5001-06-M