

Transmittal No. 99-22**Notice of Proposed Issuance of Letter of Offer
Pursuant to Section 36(b)(1)
of the Arms Export Control Act****Annex
Item No. vi****(vi) Sensitivity of Technology:**

1. The following components of the AN/TPQ-36(V)7 radar contain critical technology: The signal processor unit and related software of the operations control group; the antenna array group, receiver, transmitter, and electronic counter-countermeasures of the antenna transceiver group. Certain operating characteristics of the radar are classified Confidential. The radar system is highly susceptible to the development of countermeasures (CMs) in a short period of time if both the hardware and software were acquired by a potential adversary.

2. A determination has been made that Egypt can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This proposed sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

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DEPARTMENT OF DEFENSE**Office of the Secretary**

[Transmittal No. 99-23]

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. J. Hurd, DSCA/COMPT/RM, (703) 604-6575.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 99-23, with attached transmittal, policy justification, and Sensitivity of Technology.

Dated: July 22, 1999.

Patricia L. Toppings,

Alternate OSD Federal Register Liaison Officer, Department of Defense.

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DEFENSE SECURITY COOPERATION AGENCY

WASHINGTON, DC 20301-2800

12 JUL 1999

In reply refer to:
I-99/07938

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, we are forwarding herewith Transmittal No. 99-23, concerning the Department of the Army's proposed Letter(s) of Offer and Acceptance (LOA) to Egypt for defense articles and services estimated to cost \$38 million. Soon after this letter is delivered to your office, we plan to notify the news media.

Sincerely,

A handwritten signature in black ink, appearing to read "M. S. Davison, Jr.", is written in a cursive style.

MICHAEL S. DAVISON, JR.
LIEUTENANT GENERAL, USA
DIRECTOR

Attachments

Transmittal No. 99-23**Notice of Proposed Issuance of Letter of Offer
Pursuant to Section 36(b)(1)
of the Arms Export Control Act**

- (i) **Prospective Purchaser:** Egypt
- (ii) **Total Estimated Value:**
- | | |
|--------------------------|----------------------|
| Major Defense Equipment* | \$ 22 million |
| Other | <u>\$ 16 million</u> |
| TOTAL | \$ 38 million |
- (iii) **Description of Articles or Services Offered:** Two UH-60L VIP BLACKHAWK Utility helicopters, two spare GE turbine engines with containers, spare and repair parts, tools and support equipment, publications and technical data, personnel training and training equipment, contractor engineering and technical support services and other related elements of logistics support.
- (iv) **Military Department:** Army (USP)
- (v) **Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid:** None
- (vi) **Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold:** See Annex attached
- (vii) **Date Report Delivered to Congress:** 1 2 JUL 1999

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

POLICY JUSTIFICATION

Egypt - UH-60L VIP BLACKHAWK Utility helicopters

The Government of Egypt has requested a possible sale of two UH-60L VIP BLACKHAWK Utility helicopters, two spare GE turbine engines with containers, spare and repair parts, tools and support equipment, publications and technical data, personnel training and training equipment, contractor engineering and technical support services and other related elements of logistics support. The estimated cost is \$38 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 Eastern region.

The Government of Egypt will use these helicopters to expand their intra-country transportation requirements, including the movement of their National Command Authority. Egypt, which already has BLACKHAWK helicopters in its inventory, will have no difficulty absorbing the additional helicopters.

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

The principle contractors will be United Technologies Sikorsky Aircraft, Stratford, Connecticut and General Electric Company, Lynn, Massachusetts. There are no offset agreements proposed to be entered into in connection with this potential sale.

Implementation of this proposed sale will require the assignment of two U.S. Government personnel and two contractor representatives for one week to Egypt.

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

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Item No. vi****(vi) Sensitivity of Technology:**

1. The UH-60L BLACKHAWK helicopter is a twin turbine engine, semimonocoque fuselage, rotary wing aircraft capable of transporting cargo, 11 combat troops, and weapons during day, night, visual, and instrument conditions. The cargo hook is capable of carrying up to 8000 pounds of equipment in support of tactical sling load missions. The UH-60L possesses essentially the same capabilities as the UH-60A, with enhanced high altitude/hot temperature and one engine inoperative performance engine power provided by the T700-GE-701C engines. These aircraft will be sold in a VIP configuration.

2. The UH-60L BLACKHAWK helicopter will include the following classified or sensitive components:

a. AN/APR-39(V)(1) Radar Detecting Set is a light weight receiver for general aircraft application. The system provides warning of radar directed threats to allow appropriate evasive maneuvers and deployment of active countermeasures. The system has the capability of detecting all pulse radar normally associated with hostile Surface-to-Air, airborne intercept, or anti-aircraft weapons. The hardware is classified Confidential, technical performance data is Secret. Reverse engineering and development of countermeasures are concerns if the hardware and releasable technical data are compromised to a competent adversary.

b. AN/ALQ-144A(V)3 Radar Warning System (Export Version) is a light weight passive device which alerts the air crew to radar threats from Surface-to-Air Missile and Airborne Intercept Missiles. The alert is provided by aural warning through the intercom system and visual indicator light. This system provides coverage for Continuous Wave Radar Illuminators of upper and lower hemisphere threats. The hardware is classified Confidential, technical performance data is Secret. Reverse engineering and development of countermeasures are concerns if the hardware and releasable technical data are compromised to a competent adversary.

c. M-130 Chaff-flare Dispenser is a multi-purpose system which dispenses decoys to confuse threat radar and missile IR seekers. Radar cross section and frequency coverage are sensitive elements. Hardware is Unclassified. Technical publications for operation and maintenance are Unclassified. Reverse engine is not a major concern.

d. Hover Infrared Suppressor Subsystem (HIRSS) is a special function engine exhaust subsystem which replaces the standard engine and the standard engine exhaust subsystem modules. The HIRSS function is to suppress engine exhaust system infrared radiation by cooling visible surfaces. Exhaust gases are cooled by dilution. The HIRSS is comprised of two main component groups: (1) the composite firings group and (2) the sheet metal core group. The core group has four stages: (1) the first or inlet stage, (2) the second or mixing stage, (3) the third or diffusion stage, and (4) the fourth or exhaust stage. All four are sized so as to provide optimum cooling at minimum exhaust system back pressure (i.e., power loss and weight).

3. A determination has been made that Egypt can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

[FR Doc. 99-19186 Filed 7-27-99; 8:45 am]

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DEPARTMENT OF DEFENSE

Office of the Secretary

[Transmittal No. 99-24]

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. J. Hurd, DSCA/COMPT/RM, (703) 604-6575.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 99-24, with attached transmittal and policy justification.

Dated: July 22, 1999.

Patricia L. Toppings,
Alternate OSD Federal Register Liaison Officer, Department of Defense.

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