

Transmittal No. 09-32**Notice of Proposed Issuance of Letter of Offer
Pursuant to Section 36(b)(1)
of the Arms Export Control Act, as amended****Annex
Item No. vii****(vii) Sensitivity of Technology:**

1. The High Mobility Artillery Rocket System (HIMARS) is a highly mobile, all-weather indirect area fire artillery system. The HIMARS mission is to supplement cannon artillery to deliver a large volume of firepower within a short time against critical time-sensitive targets. At shorter ranges, HIMARS complements tube artillery with heavy barrages against assaulting forces as well as in the counter-fire, or defense suppression roles.

2. The Global Positioning System Precise Positioning Service (GPS PPS) component of the HIMARS munitions (Guided Multiple Launch Rocket Systems (GMLRS) and ATACMS) is also contained in the Fire Direction System, is classified Secret, and is considered sensitive. To that end, no GPS PPS design information, including GPS software algorithms, will be disclosed in the course of this proposed sale to Jordan. Susceptibility of GMLRS to diversion or exploitation is considered low risk. The GMLRS employs an inertial navigational system that is aided by a Selective Availability Anti-Spoofing Module (SAASM) equipped GPS receiver.

3. 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. 09-51]****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. B. English, DSCA/DBO/CFM, (703) 601-3740.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittals 09-51 with attached transmittal, and policy justification.

Dated: September 15, 2009.

Patricia L. Toppings,
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

SEP 8 2009

The Honorable Nancy Pelosi
Speaker
U.S. House of Representatives
Washington, DC 20515-6501

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. 09-51, concerning the Department of the Air Force's proposed Letter(s) of Offer and Acceptance to Singapore for defense articles and services estimated to cost \$75 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 "Beth M. McCormick".

Beth M. McCormick
Deputy Director

Enclosures:

- 1. Transmittal**
- 2. Policy Justification**

Same ltr to:

House
Committee on Foreign Affairs
Committee on Armed Services
Committee on Appropriations

Senate
Committee on Foreign Relations
Committee on Armed Services
Committee on Appropriations



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- (i) **Prospective Purchaser:** Singapore
- (ii) **Total Estimated Value:**
- | | |
|--------------------------|----------------------|
| Major Defense Equipment* | \$ 0 million |
| Other | <u>\$ 75 million</u> |
| TOTAL | <u>\$ 75 million</u> |
- (iii) **Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:** Continental United States (CONUS) pilot proficiency training program at Springfield Air National Guard Base, Ohio with U.S.A.F. leased F-16 aircraft. Also included: services and support, training munitions, maintenance, fuel and fueling services, supply support, flight training, spare and repair parts, support equipment, program support, publications and technical documentation, personnel training and training equipment, U.S. government and contractor engineering, technical, and logistics support services, and other related elements of logistical and program support.
- (iv) **Military Department:** Air Force (NZA)
- (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:** None
- (viii) **Date Report Delivered to Congress:** **SEP 8 2009**

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

POLICY JUSTIFICATION

Singapore – F-16 Pilot Training and Logistics Support

The Government of Singapore has requested a possible sale of a Continental United States (CONUS) pilot proficiency training program at Springfield Air National Guard Base (ANGB), Ohio with U.S.A.F. leased F-16 aircraft. Also included: services and support, training munitions, maintenance, fuel and fueling services, supply support, flight training, spare and repair parts, support equipment, program support, publications and technical documentation, personnel training and training equipment, U.S. government and contractor engineering, technical, and logistics support services, and other related elements of logistical and program support. The estimated cost is \$75 million.

This proposed sale will contribute to the foreign policy and national security of the U.S. by helping to improve the security of a critical regional partner which has been, and continues to be, an important force for economic progress in Southeast Asia. This proposed sale will help augment the Republic of Singapore's self-defense capability and will ensure interoperability with U.S. forces coalition operations. Singapore is a firm supporter of U.S. overseas contingency operations.

Singapore needs these training munitions, services and equipment to continue to train its F-16 pilots in a well-established pilot proficiency-training program at Springfield ANGB, Ohio. This program will enable Singapore to develop mission-ready and experienced pilots through a CONUS training program to support Singapore's current and future F-16 aircraft inventory. The long-term pilot training program in CONUS continues a professional interaction and enhances operational interoperability with U.S. forces.

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

There is no prime contractor involved in this program. 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 Singapore.

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