DEPARTMENT OF DEFENSE

Office of the Secretary

[Transmittal No. 00–51]

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 P.L. 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 00–51 with attached transmittal, policy justification, and Sensitivity of Technology.

Dated: July 26, 2000.

Patricia L. Toppings,

Alternate OSD Federal Register Liaison Officer, Department of Defense.

BILLING CODE 5001–10–M

DEFENSE SECURITY COOPERATION AGENCY

WASHINGTON, DC 20301-2800

10 JUL 2000
In reply refer to:
I-00/007504

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. 00-51, concerning the Department of the Navy's proposed Letter(s) of Offer and Acceptance (LOA) to Australia for defense articles and services estimated to cost $385 million. Soon after this letter is delivered to your office, we plan to notify the news media.

Sincerely,

A.R. KELTZ
DEPUTY DIRECTOR

Attachments

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

Transmittal No. 00-51

Notice of Proposed Issuance of Letter of Offer
Pursuant to Section 36(b)(1)
of the Arms Export Control Act (U)

(i) **Prospective Purchaser: Australia**

(ii) **Total Estimated Value:**

Major Defense Equipment*	$375 million
Other	$ 10 million
TOTAL	$385 million

(iii) **Description of Articles or Services Offered: The F/A-18 Hornet Upgrade (HUG) Program (Phase II) will consist of 73 ALR-67(V)3 Radar Warning Receivers, 42 ALQ-165 Airborne Self-protection Jammers (ASPJ) or 42 ALQ-214(V)4 Radar Frequency (RF) Counter Measure System, 73 Joint Helmet Mounted Cueing Systems (JHMCS), 72 Multifunctional Information Distribution System (MIDS)/Low Volume Terminal (LVT), spare and repair parts, support and test equipment, maintenance and pilot training, software support, supply support, publications and technical documentation, U.S. Government and contractor technical assistance and other related elements of logistics and program support.**

(iv) **Military Department: Navy (LAI, LAL, LAB, and LZL or LAD)**

(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: 10 JUL 2000**

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

POLICY JUSTIFICATION

Australia - F/A-18 Hornet Upgrade Program

The Government of Australia has requested a possible sale for the F/A-18 Hornet Upgrade (HUG) Program (Phase II). The upgrade program will consist of 73 ALR-67(V)3 Radar Warning Receivers, 42 ALQ-165 Airborne Self-protection Jammers (ASPJ) or 42 ALQ-214(V)4 Radar Frequency (RF) Counter Measure System, 73 Joint Helmet Mounted Cueing Systems (JHMCS), 72 Multifunctional Information Distribution System (MIDS)/Low Volume Terminal (LVT), spare and repair parts, support and test equipment, maintenance and pilot training, software support, supply support, publications and technical documentation, U.S. Government and contractor technical assistance and other related elements of logistics and program support. The estimated cost is $385 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 Asia Pacific region.

The HUG Phase II program upgrade enhances early warning and self-protective features bringing the F/A-18 up to capabilities found in neighboring military forces. The Royal Australian Air Force (RAAF) intends to purchase the HUG Phase II equipment to enhance survivability, communications connectivity and extend the useful life of its F-18 fighter aircraft. Australia will have no difficulty absorbing these systems into its armed forces.

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

The prime contractor will be Boeing Company of St. Louis, Missouri. There are no offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will require the assignment of several U.S. Government or contractor representatives to Australia for four months during the preparation, installation, test and checkout of the equipment.

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

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Annex
Item No. vi

(vi) Sensitivity of Technology:

1. The AN/ALQ-165 Airborne Self-protection Jammer (ASPJ) is a U.S. Navy system designed to provide self-protection electronic countermeasures (ECM) capability for Navy tactical aircraft. The ASPJ provides a high degree of combat survivability in a hostile air defense environment. The ASPJ is installed internally and is capable of selectively generating a wide variety of ECM responses and directing them in order of priority against individual threat weapons systems on an "as-encountered" basis. ECM techniques and threat identification criteria are flexible to respond to new intelligence inputs via adaptive reprogramming.

2. The configuration is compatible for use in F-18 aircraft. The 7 LRU configuration consists of the following Weapons Replaceable Assemblies (WRA's): low band receiver, high band receiver, processor, low band transmitter, high band transmitter 1/2, and WRA 10/11. Each ASPJ requires an interface unit (rack) which consists of aircraft interface unit and preamplifier. The ASPJ WRA is classified as Confidential.

3. The AN/ALQ-214 Radar Frequency Counter Measure Systems (RFCMs) is an automated modular reprogrammable active radar frequency deception jammer, which provides electronic self-protection of the host tactical aircraft from a variety of air-to-air and surface-to-air radar frequency threats. It provides the same capabilities as the AN/ALQ-165 ASPJ. Additionally, the AN/ALQ-214 can provide total Countermeasures Response Management for the host aircraft. It can determine which countermeasure is best suited for a given threat.

4. The configuration requested is compatible for use in F-18 aircraft. The configuration consists of the following WRA: receiver, modulator, low band transmitter, processor, and high band transmitter 2. Each RFCM requires an interface unit (rack) which consists of the aircraft interface unit and preamplifier. The RFCM WRA is classified as Confidential.

5. The AN/ALR-67(V)3 Radar Warning Receivers (RWR) is a radar-warning receiver which supersedes the AN/ALR-67E(V)2 with extended capabilities in detection and processing of air defense threat radar of the mid-1990s and beyond. It functions cooperatively with on-board suppression and defensive systems such as the High-Speed Anti-Radiation Missile (HARM), countermeasure dispensers, radio frequency jammers, and the fire control radar via data exchanged over the avionics multiplex bus and as controller of the EW multiplex bus. The ALR-67(V)3 provides an order of magnitude increase in processing power. Its data collection categories include high band pulse, high band continuous wave, low band pulse, and millimeter wave. It provides signal detection, direction finding, and identification of radar frequency and threat emitters

including scanning radar, pulse doppler and continuous wave tracking radar, acquisition and early warning radar, and missile guidance radar.

6. The configuration is compatible for use in F-18 aircraft. The configuration consists of the following WRA's: countermeasures computer/receivers, quadrant receivers, interface antenna detector, interface antenna detector bracket, radome (left/right), antenna detector, isolated antenna controller, radome, and control indicator night vision goggles modification kit. Australia may elect to use existing low band antennas already installed on aircraft or purchase low band interface antenna. The ALR-67(V)3 RWR is classified as Confidential.

7. The Multifunctional Information Distribution System (MIDS) Low Volume Terminal (LVT) is a secure data and voice communication network using the Link-16 architecture. The system provides enhanced situational awareness, positive identification of participants within the network, secure fighter-to-fighter connectivity, secure voice capability, and ARN-118 TACAN functionality. It provides three major functions: Air Control, Wide Area Surveillance, and Fighter-to-Fighter. The MIDS LVT can be used to transfer data in Air-to-Air, Air-to-Surface, and Air-to-Ground scenarios.

8. The configuration requested is compatible for use in F-18 aircraft. The configuration consists of the following equipment: RT-1765 C/USQ-140(V)C MIDS/LVT and MIDS notch filter set. MIDS/LVT is classified as Confidential.

9. The Joint Helmet Mounted Cueing System (JHMCS) provides an off-boresight visual targeting of sensors and weapons with a head-out display where the pilot is looking. The system improves situational awareness in visual combat while providing off-boresight visual cueing and threat identification. Also, when combined with a high off-boresight missile, aircraft weapon system lethality is improved for short-range air-to-air engagements.

10. The configuration requested is compatible for use in F-18 aircraft. The configuration consists of the following equipment: electronics unit, cockpit unit, magnetic transition unit, seat position sensor, mounting bracket, lower helmet vehicle interface, helmet display unit, visor day, visor night, visor high contrast, oxygen mask, helmet upper interface, JHMCS/ANVIS-9 Night Vision Goggles adapters. JHMCS helmet bag. The JHMCS is classified as Confidential.

11. 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.

12. A determination has been made that the recipient country 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.

[FR Doc. 00–19423 Filed 8–1–00; 8:45 am]
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DEPARTMENT OF DEFENSE

Office of the Secretary

[Transmittal No. 00–55]

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ACTION: Notice.

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Alternate OSD Federal Register Liaison Officer, Department of Defense.

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