

repair parts; communication support equipment; communication equipment integration; tools and test equipment; training; training simulators; repair and return program; U.S. Government and contractor engineering, technical, and logistics support services; Technical Assistance Field Team (TAFT); and other related elements of logistics and program support. Additionally, the following recommended basic load ammunition may be included upon request from customer: One hundred fifteen thousand four hundred (115,400) A576 Cartridge, .50 Caliber Linked 4 API/API-T F/M2; one thousand eighty (1,080) G815—Grenade, Smoke Screening L8A1/A3; two million four hundred sixty two thousand four hundred (2,462,400) A131—Cartridge 7.62MM 4 BALL 1 TRACER; one million two hundred thirty-one thousand two hundred (1,231,200) A111—Cartridge, 7.62mm Blank M82 Linked; one thousand five hundred twelve (1,512) A541—50 Armor Piercing Incendiary, Tracer M20 F/M2; ninety one thousand eight hundred (91,800) A557—Cartridge, .50 Caliber 4 Ball/1 Tracer Linked M33 F/M2; fifty four thousand (54,000) A598—Cartridge, .50 Caliber Blank F/M2 (MILES); and four thousand nine hundred sixty eight (4,968) AA38—Cartridge, .50 Caliber M962 (SLAP); and other related elements of logistics and program support. The total estimated program cost is \$2.00 billion.

This proposed sale is consistent with U.S. law and policy as expressed in Public Law 96-8.

This proposed sale serves U.S. national, economic, and security interests by supporting the recipient's continuing efforts to modernize its armed forces and to maintain a credible defensive capability. The proposed sale will help improve the security of the recipient and assist in maintaining political stability, military balance, and economic progress in the region.

This proposed sale of M1A2 tanks will contribute to the modernization of the recipient's main battle tank fleet, enhancing its ability to meet current and future regional threats and to strengthen its homeland defense. These tanks will contribute to the recipient's goal of updating its military capability while further enhancing interoperability with the United States and other allies. The recipient will have no difficulty absorbing this equipment into its armed forces.

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

The M1A2T tank prime contractor will be General Dynamics Land Systems, Sterling Heights, Michigan. Production will be at Anniston Army Depot, Anniston, Alabama, and the Joint Systems Manufacturing Center, Lima, Ohio. The M88A2 recovery vehicle prime contractor will be BAE, York, Pennsylvania. The M1070A1 Heavy Equipment Transporter (HET) prime contractor will be Oshkosh, Oshkosh, Wisconsin. There are no known offset agreements proposed. However, the purchaser typically requests offsets. Any offset agreement will be defined in negotiations between the purchaser and the contractor.

Implementation of this proposed sale will require annual trips to the recipient involving up to 30 U.S. Government and 15 contractor representatives for a period of up to six years to manage the fielding and training for the program.

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

TRANSMITTAL NO. 19-22

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. Thermal Imaging System (TIS). The TIS is a target acquisition system which, when operated with other tank systems, gives the tank crew a substantial advantage over the adversary. The TIS provides the gunner and commander with the ability to effectively aim and fire the tank main armament system under a broad range of adverse battlefield conditions. The Hunter/Killer technology provides the commander the ability to search for and acquire targets while the gunner engages priority targets. The hardware itself is UNCLASSIFIED. The engineering design and manufacturing data associated with the detector and infrared (IR) optics and coatings are considered sensitive. The technical data package is UNCLASSIFIED with the exception of the specifications for target acquisition range (CONFIDENTIAL), nuclear hardening (CONFIDENTIAL, restricted data) and laser hardening (SECRET).

2. Special Armor. Major components of special armor are fabricated in sealed modules and in serialized removable subassemblies. Special armor vulnerability data for both chemical and kinetic energy rounds are classified SECRET. Engineering design and manufacturing data related to special armor are also classified SECRET.

3. AGT 1500 Gas Turbine Propulsion System. The use of a gas turbine propulsion system in the M1A2T Abrams tank is a unique application of armored vehicle power pack technology. The AGT-1500 engine and X-1100 transmission are not classified. Manufacturing processes associated with the production of turbine blades, recuperator, bearings and shafts, and hydrostatic pump and motor, are proprietary and therefore are commercially competition sensitive.

4. Compartmentation. A major survivability feature of the Abrams Tank is the compartmentation of fuel and ammunition. Compartmentation is the positive separation of the crew and critical components from combustible materials so that in the event the fuel or ammunition ignites or is detonated by an incoming round, the crew is fully protected. As demonstrated during the Abram Live Fire tests, compartmentation significantly enhances crew survivability and substantially reduces the likelihood of the tank being immobilized by an ammunition explosion and fire. Sensitive information (SBU) includes the performance of the ammunition compartments as well as the compartment design parameters.

5. The CROWS-LP (M153A2E1) is a commander's weapon station. It allows for under armor operation of weapons—M2HB, M2A1, M240B and M240. The CROWS-LP is an updated version of the M153A2 CROWS and is approximately 10 inches lower in height. The CROWS-LP increases crew visibility over the weapon station. The fire control system of the CROWS-LP allows an operator to fire on a target from either a stationary or moving platform. The CROWS-LP integrates a day camera (VIM-C), thermal camera (TIM 1500) and laser range finder (STORM/STORM-PI) is UNCLASSIFIED.

6. M76 Infra-Red (IR) Grenade. The M76 InfraRed (IR) grenade is UNCLASSIFIED but sensitive. The grenade uses a brass particle fill that is specifically designed, when shattered by a high explosive shock wave, to disperse in a cloud of specific sized particles. These particles obscure the visual through the far infrared portions of the electromagnetic spectrum. As a result, this grenade defeats night sights, thermal viewers, laser designators, laser rangefinders, and any other equipment that relies on visual or infrared active or passive technologies. The properties of the brass fill are easily reverse engineered, and therefore could be used to defeat U.S. imaging and targeting systems

on the battlefield. The highest level of information that could be transferred with the sale of this round is UNCLASSIFIED.

7. 120mm Kinetic Energy-Tungsten (KE-W) ammunition. This is a commercially developed item and is not warranted by the U.S. Government. All components of the cartridge, 120mm Kinetic Energy-Tungsten are UNCLASSIFIED. The capabilities of this cartridge, to include the terminal effects, target impact dispersion, and armor defeating capabilities, are classified CONFIDENTIAL, except for armor penetration test results against Special Armored Targets, which are classified SECRET, or the same level of classification as the target, whichever is greater. The tungsten processing and penetrator manufacturing methods are sensitive data. No technological information regarding the tungsten penetrator material will be supplied with the cartridges being considered for foreign military sales. The highest level of information that could be transferred with the sale of this round is UNCLASSIFIED.

8. If a technologically advanced adversary were to obtain knowledge of the hardware and software elements, the information could be used to develop countermeasures or equivalent systems which might reduce system effectiveness or be used in the development of a system with similar or advanced capabilities.

9. A determination has been made that the recipient 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.

10. All defense articles and services listed in this transmittal have been authorized for release and export to the recipient.

ARMS SALES NOTIFICATION

Mr. RISCH. Mr. President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD-423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY
COOPERATION AGENCY,
Arlington, VA.

Hon. JAMES E. RISCH,
Chairman, Committee on Foreign Relations,
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(5)(C) of the Arms Export Control Act (AECA), as amended, we are forwarding Transmittal No. 19-0H. This report relates to enhancements or upgrades from the level of sensitivity of

technology or capability described in the Section 36(b)(1) AECA certification 16-01 of December 16, 2015.

Sincerely,

CHARLES W. HOOPER,

Lieutenant General, USA, Director.

Enclosures.

TRANSMITTAL NO. 19-0H

Report of Enhancement or Upgrade of Sensitivity of Technology or Capability (Sec. 36(b)(5)(c), AECA)

(i) Purchaser: Taipei Economic and Cultural Representative Office (TECRO).

(ii) Sec. 36(b)(1), AECA Transmittal No.: 16-01.

Date: December 16, 2015.

Military Department: Army.

(iii) Description: On December 16, 2015, Congress was notified by Congressional certification transmittal number 16-01, of the possible sale under Section 36(b)(1) of the Arms Export Control Act of seven hundred sixty-nine (769) TOW 2B Aero Radio Frequency (RF) Missiles (BGM-71F-Series). This proposed sale also includes fourteen (14) Radio Frequency (RF) TOW 2b Aero (BGM-71F-Series) Fly-to-Buy Missiles for lot acceptance testing, forty-six (46) Improved Target Acquisition System (ITAS) Launchers, four (4) Improved Target Acquisition System (ITAS) launcher spares, Missile Support Equipment, Government Furnished Equipment, Technical Manuals/Publications, Spare Parts, Tool and Test Equipment, Trainers, Training, U.S. Government Technical Support/Integrated Logistical Support, Contractor Technical Support, and other associated equipment and services. The estimated total cost was \$268 million. Major Defense Equipment (MDE) constituted \$237 million of this total.

This transmittal notifies the inclusion of the following MDE items: (1) an additional one thousand two hundred forty (1,240) TOW 2B Aero, Radio Frequency (RF) missiles (BGM-71F-Series); (2) an additional fourteen (14) TOW 2B Aero, Radio Frequency (RF) missiles (BGM-71F-Series) Fly-to-Buy missiles; (3) an additional fifty-eight (58) Improved Target Acquisition System (ITAS); and (4) one hundred (100) M1167A1B1 HMMWVs. Also included are missile support equipment, government-furnished equipment, technical manuals/publications, spare parts, tool and test equipment, training, U.S. Government technical support/logistical support, contractor technical support, and other related elements of logistics and program support. These inclusions will increase the MDE value by \$241.2 million resulting in a new MDE cost of \$478.2 million. The new total case value will be \$567.2 million.

(iv) Significance: This notification will allow the recipient to improve its security and defensive capability.

(v) Justification: This proposed sale serves U.S. national, economic, and security interests by supporting the recipient's continuing efforts to modernize its armed forces and enhance its defensive capability. The proposed sale will help improve the security of the recipient and assist in maintaining political stability, military balance, and economic progress in the region.

(vi) Sensitivity of Technology: The statement contained in the original AECA 36(b)(1) transmittal applies to the MDE items reported here.

(vii) Date Report Delivered to Congress: July 8, 2019.

ARMS SALES NOTIFICATION

Mr. RISCH. Mr. President, section 36(b) of the Arms Export Control Act requires that Congress receive prior no-

tification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD-423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY
COOPERATION AGENCY,
Arlington, VA.

Hon. JAMES E. RISCH,
*Chairman, Committee on Foreign Relations,
U.S. Senate, Washington, DC.*

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(5)(C) of the Arms Export Control Act (AECA), as amended, we are forwarding Transmittal No. 19-0I. This report relates to enhancements or upgrades from the level of sensitivity of technology or capability described in the Section 36(b)(1) AECA certification 15-74 of December 16, 2015.

Sincerely,

CHARLES W. HOOPER,

Lieutenant General, USA, Director.

Enclosures.

TRANSMITTAL NO. 19-0I

Report of Enhancement or Upgrade of Sensitivity of Technology or Capability (Sec. 36(b)(5)(C), AECA)

(i) Purchaser: Taipei Economic and Cultural Representative Office (TECRO).

(ii) Sec. 36(b)(1), AECA Transmittal No.: 15-74; Date: December 16, 2015; Military Department: Army.

(iii) Description: On December 16, 2015, Congress was notified by Congressional certification transmittal number 15-74, of the possible sale under Section 36(b)(1) of the Arms Export Control Act of two-hundred and eight (208) Javelin Guided Missiles; U.S. Government and contractor technical assistance, above the line transportation costs, and other related elements of logistics and program support. The estimated total cost was \$57 million. Major Defense Equipment (MDE) constituted \$50 million of this total.

This transmittal notifies the inclusion of the following MDE items: four hundred nine (409) FGM-148E Javelin Missiles; and forty-six (46) Javelin Command Launch Units (CLUs). Also included are Basic Skill Trainers (BST); U.S. Government and contractor technical assistance; training; support; transportation; and other related elements of logistics and program support. These inclusions will increase the MDE value by \$105 million and the non-MDE value by \$24 million, resulting in a new MDE cost of \$155 million and new total case value of \$186 million.

(iv) Significance: This notification will allow the recipient to improve its security and defensive capability.

(v) Justification: This proposed sale serves U.S. national, economic, and security interests by supporting the recipient's continuing efforts to modernize its armed forces and enhance its defensive capability. The proposed sale will help improve the security of the re-

ipient and assist in maintaining political stability, military balance, and economic progress in the region.

(vi) Sensitivity of Technology: The statement contained in the original AECA 36(b)(1) transmittal applies to the MDE items reported here.

(vii) Date Report Delivered to Congress: July 8, 2019.

TRIBUTE TO JOHN FALKENBURY

Mr. BURR. Mr. President, today I wish to pay tribute to my constituent and friend, John Falkenbury who is retiring this month as president and COO of the USO of North Carolina. John has served the USO in North Carolina successfully since March 2009.

In this role, John has been responsible for planning, organizing, and directing the operations of the Sate headquarters, five USO fixed centers, and a mobile center in the areas in and surrounding Jacksonville, Charlotte, Fayetteville, and Raleigh-Durham, NC. These base and airport centers provide a full range of important services including critical resiliency, transition assistance, financial literacy, and children's educational programs; travel assistance at Charlotte Douglas International, Raleigh-Durham, and Fayetteville airports; deployment and homecoming operations; internet and video link access; military and civilian community outreach programs; fallen and Wounded Warrior escort services; holiday feasts; and extensive morale-boosting activities.

Remarkably, in the aftermath of Hurricane Matthew, the USO of North Carolina was able to quickly arrange for nearly 1,000 care packages that were airlifted by Blackhawk helicopters to soldiers and civilians in the stricken areas. For 5 days, the mobile center deployed within 24 hours to establish a center in the Guard's primary and austere "tent city" near Lumberton and provided basic necessity items, a BBQ dinner, satellite, and internet services to over 400 soldiers.

I also rise today to thank Mr. Falkenbury for his 20 years of service in the U.S. Army prior to his work for the USO. His military experience included assignments throughout the United States and in Germany, including battalion executive officer, 2nd Armored Division, Fort Hood, TX; chief of operations and later director of public affairs, 56th Field Artillery Command, Germany; director of public affairs, U.S. Army War College and Carlisle Barracks at Carlisle Barracks, PA.

I am honored to congratulate John Falkenbury on his retirement from a career of distinguished public service and to thank him for his commitment to this great Nation.

ADDITIONAL STATEMENTS

TRIBUTE TO WILLIAM STRAUSS

• Mr. BOOZMAN. Mr. President, today I wish to honor William J. "Bill"