

offered, released, discussed, or demonstrated.

10. Modular Mission Computer (MMC) 7000AH is the central aircraft computer of the F-16. It serves as the hub for all aircraft subsystems and avionics data transfer. The MMC 7000AH hardware and software are classified SECRET.

11. Improved Programmable Display Generator (iPDG) and color multifunction displays utilize ruggedized commercial liquid crystal display technology that is designed to withstand the harsh environment found in modern fighter cockpits. The display generator is the fifth generation graphics processor for the F-16. Through the use of state-of-the-art microprocessors and graphics engines, it provided orders of magnitude increases in throughput, memory, and graphics capabilities. The hardware and software are UNCLASSIFIED.

12. AN/AVS-9 Night Vision Goggles (NVG) are 3rd generation aviation NVG offering higher resolution, high gain, and photo response to near infrared. Hardware is UNCLASSIFIED, and technical data and documentation to be provided are UNCLASSIFIED.

13. KIV-78 is a crypto applique for IFF. The hardware is UNCLASSIFIED unless loaded with Mode 4 classified elements.

14. AN/ARC-238 radio with HAVE QUICK II is a voice communications radio system and considered UNCLASSIFIED without HAVE QUICK II. HAVE QUICK II employs cryptographic technology that is classified SECRET. Other waveforms may be included as needed. Classified elements include operating characteristics, parameters, technical data, and keying material.

15. LAU-129 Guided Missile Launcher is capable of launching a single AIM-9 (Sidewinder) family of missile or AIM-120 Advanced Medium Range Air-to-Air Missile (AMRAAM). The LAU-129 launcher provides mechanical and electrical interface between missile and aircraft. There are five versions produced strictly for foreign military sales. The only difference between these launchers is the material they are coated with or the

color of the coating. This device is UNCLASSIFIED.

16. Laser JDAM (Joint Direct Attack Munitions) (GBU-54/56) is a Joint Service weapon and has the capability to engage targets moving at up to 70 mph. The LJDAM weapon consists of a DSU-38/40 sensor, a JDAM guidance set installed on either a nonthermal or thermal coated bomb body; and fuze. The DSU-38/40 consists of a laser spot tracker (same size and shape as a DSU-33 proximity fuze), a cable connecting the DSU-38/40 to the basic JDAM guidance set, a cable cover, cable cover tie down straps, modified tail kit door and wiring harness, and associated modified JDAM software that incorporates navigation and guidance flight software to support both LJDAM and standard JDAM missions. FMU-152A/B, FMU-139 (all variants) and dummy fuzes are the standard fuzes to be used with this weapon. The quantities in this notification are for testing and integration effort. The weapons components are UNCLASSIFIED. Technical data and countermeasures/vulnerabilities are SECRET. The overall classification is SECRET.

17. MK-82 inert General Purpose (GP) bomb is a 500 pound, inert, free-fall, unguided, low-drag weapon usually equipped with the mechanical M904 (nose) and M905 (tail) fuzes or the radar-proximity FMU-113 air-burst fuze. The MK-82 is designed for soft, fragment sensitive targets and is not intended for hard targets or penetrations. The explosive filling is usually tritonal, though other compositions have sometimes been used. The overall classification of the weapon and 904/905/FMU-113 fuzes are UNCLASSIFIED.

18. M61 20mm Vulcan Cannon is a six-barreled automatic cannon chambered in 20x120mm with a cyclic rate of fire from 2,500-6,000 shots per minute. This weapon is a hydraulically powered air cooled Gatling gun used to damage/destroy aerial targets, suppress/incapacitate personnel targets and damage or destroy moving and stationary light materiel targets. The M61 and its components are UNCLASSIFIED.

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.

20. 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.

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

[FR Doc. 2019-27042 Filed 12-13-19; 8:45 am]

BILLING CODE 5001-06-P

## DEPARTMENT OF DEFENSE

### Office of the Secretary

[Transmittal No. 19-46]

#### Arms Sales Notification

**AGENCY:** Defense Security Cooperation Agency, Department of Defense.

**ACTION:** Arms sales notice.

**SUMMARY:** The Department of Defense is publishing the unclassified text of an arms sales notification.

**FOR FURTHER INFORMATION CONTACT:** Karma Job at [karma.d.job.civ@mail.mil](mailto:karma.d.job.civ@mail.mil) or (703) 697-8976.

**SUPPLEMENTARY INFORMATION:** This 36(b)(1) arms sales notification is published to fulfill the requirements of section 155 of Public Law 104-164 dated July 21, 1996. The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 19-46 with attached Policy Justification and Sensitivity of Technology.

Dated: December 9, 2019.

**Aaron T. Siegel,**

*Alternate OSD Federal Register Liaison Officer, Department of Defense.*

BILLING CODE 5001-06-P



**DEFENSE SECURITY COOPERATION AGENCY**  
201 12<sup>TH</sup> STREET SOUTH, SUITE 101  
ARLINGTON, VA 22202-5408

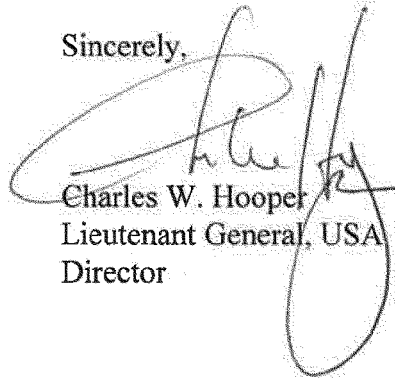
AUG 27 2019

The Honorable Nancy Pelosi  
Speaker of the House  
U.S. House of Representatives  
H-209, The Capitol  
Washington, DC 20515

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. 19-46 concerning the Army's proposed Letter(s) of Offer and Acceptance to the Government of Lithuania for defense articles and services estimated to cost \$170.8 million. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,



Charles W. Hooper  
Lieutenant General, USA  
Director

Enclosures:

- 1. Transmittal
- 2. Policy Justification
- 3. Sensitivity of Technology

BILLING CODE 5001-06-C

Transmittal No. 19-46

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:* Government of Lithuania

(ii) *Total Estimated Value:*

Major Defense Equipment \* \$147.0 million

Other ..... \$ 23.8 million

TOTAL ..... \$170.8 million

(iii) *Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:*

*Major Defense Equipment (MDE):* Five hundred Joint Light Tactical Vehicles, M1278A1 Heavy Guns Carrier.

*Non-MDE:* Also included are Baseline Integration Kits; Ballistic Kits Armor; Explosive Formed Protection Kit; Shot Detection Boomerang Kits; Shot Detection, Boomerang III; GPS Stand Alone kits; Network Switch—8 port; M153 Common Remote Weapon Stations (CROWS); CROWS Baseline v2 Integration Kit; MK-93 Weapons Mounts; M2 QCB .50 CAL Machine Guns; M230 TAC-FLIR Systems;

Opaque Armor (windows); Basic Issue Item Kits; Winch Kits; Flat Tow Kits; Run-Flat Kits; Spare Tire Kits; Combat Bumper Kits; Duramax Turbo Engine with Allison 6 speed automatic transmission and 4x4 TAK-4i Independent suspension systems; 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: Army (LH-B-UDG)*

(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: See Attached Annex.*

(viii) *Date Report Delivered to Congress: August 27, 2019*

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

#### **POLICY JUSTIFICATION**

##### *Lithuania—Joint Light Tactical Vehicles and Accessories*

The Government of Lithuania has requested to buy five hundred Joint Light Tactical Vehicles, M1278A1 Heavy Guns Carriers. Also included are Baseline Integration Kits; Ballistic Kits Armor; Explosive Formed Protection Kit; Shot Detection Boomerang Kits; Shot Detection, Boomerang III; GPS Stand Alone kits; Network Switch—8 port; M153 Common Remote Weapon Stations (CROWS); CROWS Baseline v2 Integration Kit; MK-93 Weapons Mounts; M2 QCB .50 CAL Machine Guns; M230 TAC-FLIR Systems; Opaque Armor (windows); Basic Issue Item Kits; Winch Kits; Flat Tow Kits; Run-Flat Kits; Spare Tire Kits; Combat Bumper Kits; Duramax Turbo Engine with Allison 6 speed automatic transmission and 4x4 TAK-4i Independent suspension systems; 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 total estimated program cost is \$170.8 million.

This proposed sale will support the foreign policy and national security objectives of the United States by helping to improve the military capability of Lithuania, a NATO ally that is an important force for ensuring political stability and economic progress within Eastern Europe.

The proposed sale of the Joint Light Tactical Vehicle (JLTV) will help improve Lithuania's light tactical vehicle fleet and enhance the capabilities to meet current and future enemy threats. Lithuania 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 principal contractor will be Oshkosh Defense LLC of Oshkosh, WI. There are no known offset agreements associated with this proposed sale.

Implementation of this proposed sale will not require the assignment of additional U.S. Government or contractor representatives to Lithuania. However, it is anticipated that engineering and technical support services provided by the U.S. Government and/or the contractor may be required on an interim basis for training and technical assistance.

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

Transmittal No. 19-46

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. This sale will involve the release of sensitive technology to Lithuania. The Joint Light Tactical Vehicle platform is classified as SECRET. The Joint Light Tactical Vehicle fleet will incorporate Ballistic Armor Kits for protection from Improvised Explosive Devices.

2. Sensitive and/or classified (up to SECRET) elements of the proposed Joint Light Tactical Vehicle include hardware and accessories, components and associated software.

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.

4. A determination has been made that the Government of Lithuania can provide substantially the same degree of protection for this technology 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.

5. All defense articles and services listed in this transmittal have been authorized for release and export to Lithuania.

[FR Doc. 2019-26978 Filed 12-13-19; 8:45 am]

**BILLING CODE 5001-06-P**

## **DEPARTMENT OF DEFENSE**

### **Office of the Secretary**

[Transmittal No. 19-51]

#### **Arms Sales Notification**

**AGENCY:** Defense Security Cooperation Agency, Department of Defense.

**ACTION:** Arms sales notice.

**SUMMARY:** The Department of Defense is publishing the unclassified text of an arms sales notification.

**FOR FURTHER INFORMATION CONTACT:** Karma Job at [karma.d.job.civ@mail.mil](mailto:karma.d.job.civ@mail.mil) or (703) 697-8976.

**SUPPLEMENTARY INFORMATION:** This 36(b)(1) arms sales notification is published to fulfill the requirements of section 155 of Public Law 104-164 dated July 21, 1996. The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 19-51 with attached Policy Justification and Sensitivity of Technology.

Dated: December 4, 2019.

**Aaron T. Siegel,**

*Alternate OSD Federal Register Liaison Officer, Department of Defense.*

**BILLING CODE 5001-06-P**