

through journalism. He never took that for granted, and I think readers recognize and appreciate that. I know I certainly do."

Mike Weaver, Messenger-Inquirer publisher, said Lawrence will be missed by both the newspaper and its readers.

"It's not very often that you get to use words like 'hall of fame' and 'icon' when you are describing someone, but you would not describe Keith's work at the Messenger-Inquirer without using them," Weaver said. "Keith has meant so much to us and to this community."

Although Lawrence is retiring from his full-time position at the newspaper, he will continue his column and write news stories as a freelancer.

And along with being proud of being affiliated with the newspaper, Lawrence said it's been special watching Owensboro and Daviess County blossom as a community.

When he first moved here, Lawrence said the Frederica Street sassafras tree, known as the largest in the world, was the biggest attraction.

But with the riverfront revitalization, the growth on Kentucky 54 and destinations such as the Bluegrass Music Hall of Fame & Museum, Lawrence said there's no place else he'd rather be.

"Owensboro has come a long way; people who can't find something to do in Owensboro aren't looking very hard," he said. "But through the years, I've found out that Owensboro is whatever you want it to be."

#### ARMS SALES NOTIFICATION

Mr. MENENDEZ. 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 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, July 15, 2022.

Hon. ROBERT MENENDEZ,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 22-35, concerning the Army's proposed Letter(s) of Offer and Acceptance to the Government of Estonia for defense articles and services estimated to cost \$500 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,

JAMES A. HURSCH,  
Director.

Enclosures.

#### TRANSMITTAL NO. 22-35

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 Estonia.

(ii) Total Estimated Value:

Major Defense Equipment\* \$455 million.

Other \$ 45 million.

Total \$500 million.

Funding Source: National Funds

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

Major Defense Equipment (MDE):

Six (6) M142 High Mobility Artillery Rocket System (HIMARS) Launchers.

Thirty-six (36) M30A2 Guided Multiple Launch Rocket System (GMLRS) Alternative Warhead (AW) Missile Pods with In-sensitive Munitions Propulsion System (IMPS) and Frequency Modulated Continuous Wave—Directional Doppler Ranging (FMCW-DDR) Proximity Height-of-Burst (HOB) Sensor Capability.

Thirty-six (36) M31A2 GMLRS Unitary High Explosive (HE) Missile Pods with IMPS and FMCW-DDR Proximity HOB Sensor Capability.

Thirty-six (36) XM403 Extended Range GMLRS (ER GMLRS) Alternative Warhead (AW) Missile Pods with IMPS and Side Mounted Proximity Sensor (SMPS) HOB Capability.

Thirty-six (36) XM404 Extended Range GMLRS (ER GMLRS) Unitary Pods with IMPS and SMPS HOB Capability.

Eighteen (18) M57 Army Tactical Missile System (ATACMS) Missile Pods.

Non-MDE: Also included are M28A2 Low Cost Reduced Range Practice Rocket (LCRRPR) pods; ruggedized laptops; training equipment; publications for HIMARS and munitions/missiles; and other related elements of program and logistic support.

(iv) Military Department: Army (EN-B-UFG).

(v) Prior Related Cases, if any: EN-B-PAY.

(vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None known at this time.

(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: July 15, 2022.

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

#### POLICY JUSTIFICATION

##### Estonia—M142 High Mobility Artillery Rocket System (HIMARS)

The Government of Estonia has requested to purchase six (6) M142 High Mobility Artillery Rocket System (HIMARS) Launchers; thirty-six (36) M30A2 Guided Multiple Launch Rocket System (GMLRS) Alternative Warhead (AW) Missile Pods with In-sensitive Munitions Propulsion System (IMPS) and Frequency Modulated Continuous Wave—Directional Doppler Ranging (FMCW-DDR) Proximity Height-of-Burst (HOB) Sensor Capability; thirty-six (36) M31A2 GMLRS Unitary High Explosive (HE) Missile Pods with IMPS and FMCW-DDR Proximity HOB Sensor Capability; thirty-six (36) XM403 Extended Range GMLRS (ER GMLRS) Alternative Warhead (AW) Missile Pods with IMPS and Side Mounted Proximity Sensor (SMPS) HOB Capability; thirty-six (36) XM404 Extended Range GMLRS (ER GMLRS) Unitary Pods with IMPS and SMPS HOB Capability; and eighteen (18) M57 Army Tactical Missile System (ATACMS) Missile Pods. Also included are M28A2 Low Cost Reduced Range Practice Rocket (LCRRPR) pods; ruggedized laptops; training

equipment; publications for HIMARS and munitions/missiles; and other related elements of program and logistic support. The total estimated cost is \$500 million.

This proposed sale will support the foreign policy and national security of the United States by improving the security of a NATO ally that continues to be an important force for political stability and economic progress in Europe. This sale is consistent with U.S. initiatives to provide key allies in the region with modern systems that will enhance interoperability with U.S. forces and increase security.

The proposed sale will contribute to Estonia's military goals of updating capability while further enhancing interoperability with the United States and other allies. Estonia intends to use these defense articles and services to modernize its armed forces and expand its capability to strengthen its homeland defense and deter regional threats. Estonia 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 Lockheed Martin, Grand Prairie, TX. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale may require the assignment of approximately fifteen (15) U.S. Government representatives and up to fifteen (15) contractor representatives to Estonia at any given time, during the delivery, training, integration, and testing of the HIMARS capability.

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

#### TRANSMITTAL NO. 22-35

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

(vii) Sensitivity of Technology

1. The M142 High Mobility Artillery Rocket System (HIMARS) is a C-130 transportable wheeled launcher mounted on a 5-ton Family of Medium Tactical Vehicles truck chassis. HIMARS is the modern Army-fielded version of the M270 Multiple Launch Rocket System (MLRS) launcher, and can fire all of the MLRS Family of Munitions/Missiles (FOM) that includes Guided Multiple Launch Rocket System (GMLRS), Extended Range GMLRS, and the Army Tactical Missile System (ATACMS). Utilizing the FOM, the HIMARS can engage targets between 15 and 300 kilometers with Global Positioning System/Precise Positioning Service (GPS/PPS)-aided precision accuracy.

2. The GMLRS M31A2 Unitary is the Army's primary munition for units fielding the M142 HIMARS and M270A1 MLRS Launchers. The M31A2 Unitary is a solid propellant artillery rocket that uses GPS/PPS-aided inertial guidance to accurately and quickly deliver a single high-explosive blast fragmentation warhead to targets at ranges from 15-70 kilometers. The rockets are fired from a launch pod container that also serves as the storage and transportation container for the rockets. Each rocket pod holds six (6) total rockets.

3. The M30A2 GMLRS Alternative Warhead (AW) shares a greater than 90% commonality with the M31A1/A2 Unitary. The primary difference between the GMLRS Unitary and GMLRS AW is the replacement of the Unitary high explosive warhead with a 200-pound fragmentation warhead of pre-formed tungsten penetrators which is optimized for effectiveness against a large area and imprecisely located targets. The munitions otherwise share a common motor, GPS/PPS-aided inertial guidance and control system, a

multi-option fuzing height of burst capability, and effective range of 15–70 km.

4. The M57 ATACMS Unitary is a conventional, semi-ballistic missile that utilizes a 500-pound high explosive warhead. It has an effective range of between 70 and 300 kilometers, and has increased lethality and accuracy over previous versions of the ATACMS due to a GPS/ PPS aided navigation system.

5. The ER GMLRS missiles provide a persistent, responsive, all-weather, rapidly deployed, long range, surface-to-surface, area-and point-precision strike capability. The XM403 AW, like GMLRS M30A1/A2, carries a 200-pound fragmentation assembly filled with high explosives which, upon detonation, accelerates two layers of preformed penetrators optimized for effectiveness against large area and imprecisely located targets. The XM404 Unitary, like GMLRS M31A1/A2, has a 200-pound class unitary with a steel blast-fragmentation case, designed for low collateral damage against point targets. Both variants of the ER GMLRS missiles maintain the accuracy and effectiveness demonstrated by the baseline GMLRS out to a maximum range of 150 km (double that of the GMLRS capability) while also including a new HOB capability referred to as the Side Mounted Proximity Sensor (SMPS) HOB capability.

6. The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.

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

8. A determination has been made that Estonia 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.

9. All defense articles and services listed in this transmittal have been authorized for release and export to the Government of Estonia.

#### ARMS SALES NOTIFICATION

Mr. MENENDEZ. 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 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,  
Washington, DC, July 15, 2022.

Hon. ROBERT MENENDEZ,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(5)(A) of the Arms Export Control Act (AECA), as amended, we are forwarding Transmittal No. 0K-22. This notification relates to enhancements or upgrades from the level of sensitivity of technology or capability described in the Section 36(b)(1) AECA certification 19-48 of July 29, 2019.

Sincerely,

JAMES A. HURSCH,  
Director.

Enclosures.

TRANSMITTAL NO. 0K-22

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

(i) Purchaser: Government of the Republic of Korea.

(ii) Sec. 36(b)(1), AECA Transmittal No.: 19-48; Date: July 29, 2019; Military Department: Air Force.

(iii) Description: On July 29, 2019, Congress was notified by Congressional certification transmittal number 19-48, of the possible sale, under Section 36(b)(1) of the Arms Export Control Act, of items and services for follow-on support to the RQ-4 Block 30 Remotely Piloted Aircraft (RPA) program. Included were Contractor Logistics Support (CLS); program management; training for pilot maintenance, logistics and communications personnel; depot and organizational level maintenance; minor modifications and upgrades; spares and repair/return parts; operational flight support; program analysis; publications and technical documentation; U.S. Government and contractor technical and logistics services; and other related elements of logistics and program support. The estimated total cost was \$950 million. Major Defense Equipment (MDE) constituted \$0 of this total.

This transmittal reports the addition of the following MDE items: three (3) Kearfott Inertial Navigation System/Global Positioning System (INS/GPS) units. The estimated total value of the MDE items is \$472 million. The total estimated case value will remain \$950 million.

(iv) Significance: This notification is being provided as the additional MDE items were not enumerated in the original notification. The inclusion of this MDE represents an increase in capability over what was previously notified. The proposed articles and services will support operation of the Republic of Korea's RQ-4 Block 30 (I) Global Hawk Remotely Piloted Aircraft.

(v) Justification: This proposed sale will support the foreign policy goals and national security objectives of the United States by improving the security of a major ally that is a force for political stability and economic progress in the Indo-Pacific region.

(vi) Sensitivity of Technology: The Kearfott KN-4074E is a self-contained navigation system that provides the following: acceleration, velocity, position, attitude, platform azimuth, magnetic and true heading, altitude, body angular rates, time tags, and coordinated universal time (UTC) synchronized time. Selective Availability Anti-Spoofing Module(SAASM) enables the GPS receiver access to the encrypted P(Y) signal, providing protection against active spoofing attacks. The KN-4074E features a Monolithic Ring Laser Gyro (MRLG) and accelerometer, and employs cryptographic technology. The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.

(vii) Date Report Delivered to Congress: July 15, 2022.

#### ARMS SALES NOTIFICATION

Mr. MENENDEZ. 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 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,  
Washington, DC, July 15, 2022.

Hon. ROBERT MENENDEZ,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 22-43, concerning the Navy's proposed Letter(s) of Offer and Acceptance to the Republic of Korea for defense articles and services estimated to cost \$130 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,

JAMES A. HURSCH,  
Director.

Enclosures.

TRANSMITTAL NO. 22-43

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: Republic of Korea.

(ii) Total Estimated Value:  
Major Defense Equipment\* \$44 million.  
Other \$86 million.  
Total \$130 million.

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:  
Major Defense Equipment (MDE):

Thirty-one (31) MK 54 All Up Round Lightweight Torpedoes.

Non-MDE: Also included is Recoverable Exercise Torpedo (REXTORP); Storage and Issue (S&I) facility; air launch accessories for rotary wing; classified and unclassified torpedo spare parts; torpedo containers; torpedo support equipment to include test equipment and tools; torpedo support services; classified and unclassified books and other publications; other technical assistance to include technical support, technical program management, infrastructure support, test equipment sustainment, exercise firing assistance, contract management, and initial Follow-on-Technical Support (FOTS); return and repair support; torpedo training; and other related elements of logistical and program support.