

Stations, 26 M902 Launching Stations, 5 Antenna Mast Groups, 1 Electronic Power Plant III (EPP), battery and battalion maintenance equipment, prime movers, generators, electrical power units, personnel training and equipment, trailers, communication equipment, tool and test sets, spare and repair parts, publications and technical documentation, Quality Assurance Team support services, U.S. Government and contractor engineering and logistics support service and other related elements of logistics support. The estimated total cost was \$2.81 billion. Major Defense Equipment (MDE) constituted \$1.57 billion of this total.

This transmittal notifies the inclusion of the following MDE items: one hundred (100) PAC-3 Missile Segment Enhancement (MSE) missiles; and two (2) PAC-3 MSE test missiles. Also included are M903 Launcher modification kits; missile round trainers; and Post Deployment Build (PDB) 8.1 software upgrade. The estimated total value of these additional items is \$882 million. These additions will not result in an increase to the total estimated MDE value of \$1.57 billion. The total estimated case value will remain \$2.81 billion.

(iv) Significance: The proposed sale will enhance the recipient's PATRIOT missile system to improve its missile defense capability, defend its territorial integrity, and deter threats for regional stability.

(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 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.

(vi) Sensitivity of Technology:

The PATRIOT Advanced Capability (PAC) 3 Missile Segment Enhanced missile is a small, highly agile, kinetic kill interceptor for defense against tactical ballistic missiles, cruise missiles and air-breathing threats. The MSE variant of the PAC-3 missile represents the next generation in hit-to-kill interceptors and provides expanded battlespace against evolving threats. The PAC-3 MSE improves upon the original PAC-3 capability with a higher performance solid rocket motor, modified lethality enhancer, more responsible control surfaces, upgraded guidance software, and insensitive munitions improvements.

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

(vii) Date Report Delivered to Congress: December 1, 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.

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)(C) of the Arms Export Control Act (AECA), as amended, we are forwarding Transmittal No. 22-0S. 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 20-77 of October 21, 2020.

Sincerely,

JAMES A. HURSCH,  
Director.

Enclosures.

TRANSMITTAL NO. 22-0S

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 in the United States (TECRO).

(ii) Sec. 36(b)(1), AECA Transmittal No.: 20-77; Date: October 21, 2020; Military Department: Army.

Funding Source: National Funds.

(iii) Description: On October 21, 2020, Congress was notified by Congressional certification transmittal number 20-77, of the possible sale, under Section 36(b)(1) of the Arms Export Control Act, of eleven (11) High Mobility Artillery Rocket Systems (HIMARS) M142 Launchers; sixty-four (64) Army Tactical Missile Systems (ATACMS) M57 Unitary Missiles; seven (7) M1152A1 High Mobility Multipurpose Wheeled Vehicles (HMMWVs); eleven (11) M240B Machine Guns, 7.62MM; and seventeen (17) International Field Artillery Tactical Data Systems (IFATDS). Also included were fifty-four (54) M28A2 Low Cost Reduced Range Practice Rocket Pods (LCRRPR); eleven (11) M2A1 machine guns, .50 caliber; twenty-two (22) AN/NRC-92E dual radio systems; seven (7) AN/NRC-92E dual radio ground stations; fifteen (15) AN/VRC-90E single radio systems; eleven (11) M1084A2 cargo Family of Medium Tactical Vehicles (FMTV) Resupply Vehicles (RSV); two (2) M1089A2 cargo wrecker FMTV RSV; eleven (11) M1095 trailer cargo FMTV, 5-ton; support equipment; communications equipment; spare and repair parts; test sets; laptop computers; training and training equipment; publication; systems integration support; technical data; Stockpile Reliability Program (SRP); Quality Assurance and Technical Assistance Teams; U.S. Government and contractor technical, engineering, and logistics support services; and other related elements of logistical and program support. The estimated total cost was \$436.1 million. Major Defense Equipment (MOE) constituted \$357.5 million of this total.

This transmittal notifies the inclusion of the following MOE items: an additional eighteen (18) High Mobility Artillery Rocket Systems; twenty (20) Army Tactical Missile Systems Pods; eleven (11) M1152A1 High Mobility Multipurpose Wheeled Vehicles integrated with C2 shelter; four (4) M1152A1 HMMWVs integrated with SECM shelter; and one hundred forty-four (144) M31A2 Guided Multiple Launch Rocket System (GMLRS) Unitary High Explosive (HE) Pods with Insensitive Munitions Propulsion System (IMPS). Also included are additional 5-ton

M1084A2 cargo Family of Medium Tactical Vehicle (FMTV) Resupply Vehicles (RSV) without winch; 5-ton M1089A2 with winch wreckers; 5-ton M1095 trailers with resupply kits; Intercom Systems to support the HIMARS Launcher; radio/communication mounts; machine gun mounts; battle management system Vehicle Integration Kit; wheel guards; ruggedized laptops; training; training equipment; publications for HIMARS; and munitions, spares, services, and other support equipment. The estimated total value of the additional items is \$520 million. The total estimated MOE value will increase by \$430 million to \$787.5 million, resulting in an estimated total case value of \$956.1 million.

(iv) Significance: The proposed sale will improve the recipient's military goals of updating capability while further enhancing interoperability with the United States and other allies. The recipient 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.

(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 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.

(vi) Sensitivity of Technology: The M31A2 GMLRS Unitary HE with IMPS is the Army's primary munition for units fielding the M142 HIMARS and M270 Multiple Launcher Rocket System (MLRS) Launchers. The GMLRS Unitary is a solid propellant artillery rocket that uses Global Positioning System/Precise Positioning Service (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.

The Sensitivity of Technology Statement contained in the original notification applies to remaining items reported here.

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

(vii) Date Report Delivered to Congress: December 5, 2022.

#### TRIBUTE TO DR. THOMAS ZACHARIA

Mr. HAGERTY. Mr. President, on behalf of myself and Mrs. BLACKBURN, I ask unanimous consent that the following remarks be placed in the CONGRESSIONAL RECORD in recognition of Dr. Thomas Zacharia, Director of the Oak Ridge National Laboratory—ORNL.

For 35 years, Dr. Zacharia has provided transformative scientific leadership that has established ORNL as one of the world's premier research institutions, fulfilling national missions in diverse fields, including advanced materials, nuclear science and engineering, neutron science, and high-performance computing.

Dr. Zacharia's vision guided the creation of the Oak Ridge Leadership Computing Facility and established ORNL as the Nation's leading supercomputing institute with the deployment of 10 supercomputers, including

the launch of Frontier in 2022, the first machine to break the exascale barrier.

Under Dr. Zacharia's leadership, ORNL has operated a research reactor with the highest neutron flux in the United States, the most powerful accelerator source of pulsed neutrons for materials research, the largest and most advanced additive manufacturing equipment, and facilities that produce, purify, and ship the most isotopes. He has positioned the laboratory to play a central role in our Nation's pursuit of breakthrough technologies for energy, cybersecurity, quantum, and other diverse fields.

Dr. Zacharia has also expanded the Laboratory's impact in the Oak Ridge Corridor by leading new ventures to attract technology startups and create a pipeline for the next generation of scientists and engineers.

I hope our colleagues join us in recognizing Dr. Zacharia for his tremendous contributions to the Nation, and on behalf of the U.S. Senate, we wish him the best in his future endeavors.

#### ADDITIONAL STATEMENTS

##### TRIBUTE TO RABBI STUART WEINBLATT

• Mr. CARDIN. Mr. President, this Friday will be a joyous occasion at Congregation B'nai Tzedek in Potomac, MD—a Shabbat dinner to celebrate Rabbi Stuart Weinblatt's 70th birthday. His Excellency Michael Herzog, Israel's Ambassador to the United States, will be the guest speaker at the dinner. Rabbi Weinblatt founded Congregation B'nai Tzedek 34 years ago with just a few families. Today, the Conservative synagogue is thriving, with 650 families. The growth and well-being of Congregation B'nai Tzedek is a testament to Rabbi Weinblatt's vision, persistence, and charismatic leadership.

Rabbi Weinblatt graduated from the University of Maryland with high honors in history. While he was an undergraduate, he helped to establish the Jewish Studies Program and represented the student body to the Maryland State government. He was ordained at the Hebrew Union College in Cincinnati. Rabbi Weinblatt has been an adjunct professor at Wesley Theological Seminary in Washington, DC, teaching Jewish history, Bible, and theology. He is widely recognized as a gifted teacher, speaker, and author. "Washington Jewish Week" readers have voted him the "Best Rabbi in Washington" on numerous occasions. The "Forward" newspaper recognized Rabbi Weinblatt as "One of the Most Inspiring Rabbis in America" in 2016. He received the Jewish Community Relations Council of Greater Washington's "Pillar of the Community" award and a "Man of the Year" award from the Greater Washington Chapter of ORT, the global Jewish educational network that prepares students for ca-

reers in science, technology, engineering, and math—STEM.

Rabbi Weinblatt has served as president of the Washington Board of Rabbis, chaired the National Convention of the Rabbinical Assembly in Jerusalem and in Washington DC, and chaired the prestigious Annual Israel Bonds' Ambassador's Ball. He authored "God, Prayer and Spirituality," a compilation of his sermons, writings, and articles. He is known for his effective use of humor, even when dealing with his own cancer, which he chronicled in "Living in the Shadow of Death: A Rabbi Copes with Cancer," a book one reviewer described as "a comforter to others . . . [and] also a valuable tool for clergy and health care professionals who interact with and counsel individuals in similar situations." He is a frequent columnist for the Jewish News Syndicate, often commenting on the State of Israel.

Rabbi Weinblatt is president of the Rabbinic Cabinet of the Jewish Federations of North America and has served as director of Israel Policy and Advocacy for the Rabbinical Assembly. He heads the Jewish National Fund's "Rabbis for Israel." In these roles, Rabbi Weinblatt has played a critical role in strengthening the enduring bond between our two democracies, whose diplomatic partnership will celebrate its 75th anniversary next May. Today, in a world in turmoil, in the Middle East region and beyond, our bilateral relationship is more important than ever, and Rabbi Weinblatt can be justly proud of the role he has played in securing this bond.

The mission statement of Congregation B'nai Tzedek emphasizes the collective responsibility to do "tikun olam," to give "tzedekah," and to perform "mitzvot" regularly "as a means of supporting Jewish causes and all people in need." The Congregation is committed to making Jewish values relevant and meaningful in today's world and, under Rabbi Weinblatt's inspired leadership, it succeeds. On behalf of my Senate colleagues, I would like to join the families of Congregation B'nai Tzedek; Rabbi Weinblatt's wife Symcha, his children, and grandchildren; his rabbinical colleagues; Ambassador Herzog; and everyone else fortunate to know him as a friend or mentor in wishing him a happy 70th birthday, "ad me'ah v'esrim!"

##### TRIBUTE TO SENIOR MASTER SERGEANT RYAN E. BYRNE

• Mr. COTTON. Mr. President, it is my great privilege to recognize Senior Master Sergeant Ryan E. Byrne—senior enlisted leader of the 389th Fighter Generation Squadron, Mountain Home Air Force Base, ID—for his distinguished military service.

Senior Master Sergeant Ryan E. Byrne has dedicated two decades of service to the U.S. Air Force, ensuring that our Nation's frontline of air defense and precision strike is properly

trained and equipped to deter or destroy our adversaries. He exemplifies the best qualities of an airman, consistently demonstrating a calm and dependable demeanor in high stakes, no-fail situations.

Throughout his various deployments in support of Operations Enduring Freedom, Inherent Resolve, Spartan Shield, Pacific Iron, Noble Eagle, he masterfully utilized his team's combat capabilities to deliver on call, around the clock airpower. His actions ensured the safe, reliable maintenance of the U.S. Air Force premier strike fighter, the F-15E, which led to the decimation of foreign terror threats including the Taliban, Al-Qaeda, and the Islamic State of Iraq and Syria.

Senior Master Sergeant Ryan E. Byrne was instrumental in sustaining combat readiness of the revered 389th Thunderbolts from Mountain Home Air Force Base, ID, which propelled the 389th T-Bolts in surpassing several of Air Force Central Command's longstanding records. He is a recipient of the Air Force Meritorious Service award, which is a true testament to his forthright leadership and commitment to the mission and our great Nation.

I join all grateful Americans in extending a sincere thank you and heartfelt congratulations to Senior Master Sergeant Ryan E. Byrne for his decorated service in protecting the United States of America.●

##### ANNIVERSARY OF TORNADOES IN WESTERN KENTUCKY

• Mr. PAUL. Mr. President, almost 1 year ago, on December 10, 2021, multiple tornadoes touched down all throughout western Kentucky, including one historic supercell tornado that affected multiple States and ended in Kentucky. Lives were upended as homes, businesses, and towns were completely destroyed. In many places, the destruction was total and absolute. At a time when families were to be preparing for a joyous holiday season, they were instead greeted by sorrow and loss, while being surrounded by an uneasy reality of wreckage and despair.

Immediately, local citizens, Kentuckians around the Commonwealth, and people from across the country converged on western Kentucky to help in any way they could. Disaster relief teams sprang into action to meet the needs of those who were impacted and who had lost everything. I am grateful that Kentuckians rose up in the face of this crisis to do whatever was necessary to help and to provide care for our neighbors.

While outside organizations and ministries provided essential services, the real heroes of the story are the communities themselves that were destroyed by the tornado. Through this historic crisis, the men and women of western Kentucky have demonstrated resilience and compassion as they care for the communities they call home. From