

TRANSMITTAL NO. 20-52

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 Brazil.

(ii) Total Estimated Value:

Major Defense Equipment * \$40 million.

Other \$30 million.

Total \$70 million.

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

Major Defense Equipment (MOE): Twenty-two (22) MK 54 Conversion Kits—to Convert MK 46 Mod 5 A(S) Torpedoes to MK 54 Mod 0 Lightweight Torpedoes.

Non-MDE: Also included are torpedo containers, Recoverable Exercise Torpedoes (REXTORP) with containers, Fleet Exercise Section (FES) and fuel tanks, air launch accessories for rotary wing, torpedo spare parts, propellant, lanyard start assembly suspensions bands, thermal batteries, training, publications, support and test equipment. U.S. Government and contractor engineering, technical, and logistics support services, and other related elements of logistics and program support.

(iv) Military Department: Navy (BR-P-GVU).

(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: December 1, 2020.

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

POLICY JUSTIFICATION

Brazil—MK 54 Lightweight Torpedoes

The Government of Brazil has requested to buy twenty-two (22) MK 54 conversion kits—to convert MK 46 Mod 5 A(S) torpedoes to MK 54 Mod 0 lightweight torpedoes. Also included are torpedo containers, Recoverable Exercise Torpedoes (REXTORP) with containers, Fleet Exercise Section (FES) and fuel tanks, air launch accessories for rotary wing, torpedo spare parts, propellant, lanyard start assembly suspensions bands, thermal batteries, training, publications, support and test equipment. U.S. Government and contractor engineering, technical, and logistics support services, and other related elements of logistics and program support. The total estimated value is \$70 million.

This proposed sale will support the foreign policy and national security objectives of the United States by improving the security of an important regional partner that is an important force for political stability and economic progress in South America.

The Government of Brazil intends to utilize MK 54 Lightweight Torpedoes on its Sikorsky S-70B "Seahawk" aircraft and surface ships.

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

The principal contractor will be Raytheon Integrated Defense System, Portsmouth, RI. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will not require long-term assignment of any additional U.S. Government or contractor representatives to Brazil; however, U.S. Government Engineering and Technical Services 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.

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Annex Item No. vii

(vii) Sensitivity of Technology:

1. The MK 54 Torpedo is a conventional torpedo that can be launched from surface ships and rotary- and fixed-wing aircraft. The MK 54 is an upgrade from the MK 46 Torpedo. The upgrade to the MK 54 entails replacement of the torpedo's sonar and guidance and control systems with modern technology. The new guidance and control system uses a mixture of commercial-off-the-shelf and custom-built electronics. The warhead, fuel tank, and propulsion system from the MK 46 torpedo are re-used in the MK 54 configuration with minor modifications.

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

3. If a technologically advanced adversary were to obtain knowledge of the specific hardware or 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.

4. A determination has been made that Brazil 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.

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

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 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)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 21-04 concerning the Air Force's proposed Letter(s) of Offer and Acceptance to the Government of Canada for defense articles and services estimated to cost \$275 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,

HEIDI H. GRANT,
Director.

Enclosures.

TRANSMITTAL NO. 21-04

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 Canada.

(ii) Total Estimated Value:

Major Defense Equipment * \$0 million.

Other \$275 million.

Total \$275 million.

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

Major Defense Equipment (MDE): None.

Non-MDE: C-17 sustainment support to include aircraft hardware and software modification and support; software delivery and support; ground handling equipment; component, parts and accessories; GPS receivers; alternative mission equipment; publications and technical documentation; contractor logistics support and Globemaster III Sustainment Program (G3) participation; other U.S. Government and contractor engineering, technical, and logistical support services; and related elements of program and logistical support.

(iv) Military Department: Air Force (CN-D-QCV).

(v) Prior Related Cases, if any: CN-D-QCR, CN-D-QZZ.

(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: None.

(viii) Date Report Delivered to Congress: December 1, 2020.

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

POLICY JUSTIFICATION

Canada—C-17 Sustainment

The Government of Canada has requested to buy C-17 sustainment support to include aircraft hardware and software modification and support; software delivery and support; ground handling equipment; component, parts and accessories; GPS receivers; alternative mission equipment; publications and technical documentation; contractor logistics support and Globemaster III Sustainment Program (G3) participation; other U.S. Government and contractor engineering, technical, and logistical support services; and related elements of program and logistical support. The total estimated program cost is \$275 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 Canada, a NATO ally that is an important force for ensuring political stability and economic progress, and a contributor to military, peacekeeping and humanitarian operations around the world.

The proposed sale will improve Canada's capability to meet current and future threats by sustaining their strategic air lift capability, which allows Canada to maintain sovereignty and homeland defense, increase interoperability with the United States and other partners, and deter potential adversaries. Canada already operates the C-17 and will have no difficulty absorbing the additional sustainment or upgrades 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 The Boeing Company, Chicago, IL. There are no known offset agreements in connection with this potential sale.

Implementation of this proposed sale will not require the assignment of any additional U.S. Government or contractor representatives to Croatia.

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

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 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)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 20-84 concerning the Army's proposed Letter(s) of Offer and Acceptance to the Government of Croatia for defense articles and services estimated to cost \$757.0 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,

HEIDI H. GRANT,
Director.

Enclosures.

TRANSMITTAL NO. 20-84

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 Croatia.

(ii) Total Estimated Value:

Major Defense Equipment * \$218.0 million.

Other \$539.0 million.

Total \$757.0 million.

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase: The U.S. Government has offered Croatia, under the grant Excess Defense Articles (EDA) program, eighty-four (84) M2A2 Operation Desert Storm (ODS) Bradley Fighting vehicles in as-is, where is condition. This notification is for refurbishment/modernization and support of seventy-six (76) of the vehicles consisting of:

Major Defense Equipment (MDE):

Eighty-four (84) M240 Machine Guns.

One thousand one hundred three (1,103) TOW 2A Radio Frequency (RF) Missiles.

Sixteen (16) TOW 2A Radio Frequency (RF) Fly-to-Buy Lot Acceptance Missiles.

One hundred (100) TOW 28 Radio Frequency (RF) Missiles.

Eight (8) TOW 2B Radio Frequency (RF) Fly-to-Buy Lot Acceptance Missiles.

Five hundred (500) TOW Bunker Buster (BB) Radio Frequency (RF) Missiles.

Eight (8) TOW BB Fly-to-Buy Lot Acceptance Missiles.

Non-MDE: Also included are M257 Smoke Grenade Launchers; ammunition; radios; simulator; special armor; Hunter/Killer technology, which may include an exportable Commander's Independent Viewer (CIV); spare and repair parts; support equipment; upgrade/maintenance of engines and transmissions; refurbishment of TOW launchers; depot level support; communication support equipment; tool and test equipment; training; U.S. Government and contractor engineering, technical, and logistics support services; and other related elements of logistics and program support.

(iv) Military Department: Army (HR-B-UBV).

(v) Prior Related Cases, if any: HR-B-IAG.

(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: December 1, 2020.

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

POLICY JUSTIFICATION

Croatia—Bradley Fighting Vehicle Refurbishment/Modernization

The Government of Croatia has requested to buy refurbishment/modernization and support for seventy-six (76) M2A2 Operation Desert Storm (ODS) Bradley Fighting vehicles consisting of: eighty-four (84) M240 machine guns; one thousand one hundred three (1,103) TOW 2A Radio Frequency (RF) missiles; sixteen (16) TOW 2A Radio Frequency (RF) fly-to-buy lot acceptance missiles; one hundred (100) TOW 2B Radio Frequency (RF) missiles; eight (8) TOW 2B Radio Frequency (RF) fly-to-buy lot acceptance missiles; five hundred (500) TOW Bunker Buster (BB) Radio Frequency (RF) missiles; and eight (8) TOW BB fly-to-buy lot acceptance missiles. Also included are M257 Smoke Grenade Launchers; ammunition; radios; simulator; special armor; Hunter/Killer technology, which may include an exportable Commander's Independent Viewer (CIV); spare and repair parts; support equipment; upgrade/maintenance of engines and transmissions; refurbishment of TOW launchers; depot level support; communication support equipment; tool and test equipment; training; U.S. Government and contractor engineering, technical, and logistics support services; and other related elements of logistics and program support. The total estimated program cost is \$757 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 proposed sale of the Bradley vehicle refurbishment/modernization will contribute to Croatia's goal of updating its military capability while further enhancing interoperability with the United States and other allies. Croatia will have no difficulty absorbing these equipment and support into its armed forces.

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

The prime contractors will be BAE Systems, York, Pennsylvania; and Raytheon

Missile Systems, Tucson, Arizona. There are no known offset agreements proposed in connection with this potential sale.

Implementation of the proposed sale will require U.S. Government and contractor personnel to visit Croatia on a temporary basis in conjunction with program oversight and support requirements, as well as to provide training and maintenance support in country.

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

TRANSMITTAL NO. 20-84

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. The Modernized Bradley M2 components which are considered to contain sensitive technology are as follow:

a. Exportable version of the Second Generation Thermal "Night Vision" Viewer, also known as the Second-Generation Forward Looking Infrared (SG-FLIR). For the Modernized Bradley M2, the SG-FLIR system includes:

(1) Improved Bradley Acquisition Subsystem (IBAS) is a second-generation forward looking infrared (FLIR) and an electro-optical/TV imaging system. The IBAS has direct-view optics (DVO) and the eye-safe laser rangefinder (ELRF). The IBAS interfaces with the Bradley fire control system and can be used for surveillance and as a back-up engagement sight for the commander.

(2) Commander's Independent Thermal Viewer (CIV) is another version of the second-generation forward looking infrared (FLIR) and an electro-optical/TV imaging system. The CIV allows the commander to scan for targets and maintain situational awareness while remaining under armor and without interfering with the gunner's acquisition and engagement of targets.

(3) High Definition (HD) Long-Wave SG-FLIR sight is currently under development for the Bradley Fighting Vehicle. The HD Long-wave FLIR is being developed as an eventual upgrade to the capability of the IBAS and CIV. This case may include the non-recurring engineering costs associated with developing an exportable version of HD Long-wave FLIR for International use.

b. Exportable version of the Drivers Vision Enhancer (DVE), the "Night Vision" Viewer utilized by the Bradley drivers is a passive thermal imaging system, or "night vision" device used to enhance a driver's viewing capabilities while operating during degraded visual conditions, such as darkness, fog, smoke or dust. It provides for an improved situational awareness, applicable to both driving and surveillance. The DVE system consists of a Display Control Module (DCM), Sensor Module (SM), and Pan and Tilt Modules (PTM). The DVE is currently available in the standard and wide (DVE-Wide) configurations. The DVE-Wide provides drivers with wider fields of view.

c. Exportable version of the Inertial Navigation Unit (INU) is a navigation device that uses motion sensors or accelerometers and rotation sensors or gyroscopes to continuously calculate the position, the orientation, and the velocity of Bradley vehicle without the need for external references. It is a supplementary, and complementary to the global positioning system (GPS). In the event of a lack of a GPS signal, the INU maintains position, velocity, and situational awareness.

d. The Radio Frequency TOW 2A (RF) Missile (BGM-71E-4B-RF) is a direct attack missile designed to defeat armored vehicles, reinforced urban structures, field fortification