

Kill Weapon System (APKWS), AN/AVS-6 Night Vision Goggles (NVGs), the AGM-114R Hellfire Missile, A965M1 Decoy Chaff Cartridges, M211 and M212 Advance Infrared Countermeasures Munition flares.

2. Sensitive and/or classified (up to SECRET) elements of the proposed OH-58D Kiowa Warrior Helicopter sale include hardware, accessories, components, and associated software: Embedded GPS/Inertial (EGI) Navigation System (INS), the AN/AAR-57 Common Missile Warning System (CMWS), the AN/APX-118 Transponder Identify Friend or Foe (IFF), the AN/APR-39A(V)1/4 Radar Signal Detecting Set, the AN/AVR-2B Laser Detecting Set, the AN/AVS-6 Night Vision Goggles (NVGs), the AGM-114R Hellfire Missiles, the Advanced Precision Kill Weapon System (APKWS) All-Up-Rounds (AURs), A965M1 Decoy Chaff Cartridge, and the M211 and M212 Advance Infrared Countermeasures Munition flares. Additional sensitive information includes operating manuals, and maintenance technical orders containing performance information, operating and test procedures, and other information related to support operations and repair. The hardware, software, and data identified are classified to protect vulnerabilities, design, and performance parameters, and other similar critical information.

a. The EGI/INS is a navigation platform that combines an inertial sensor assembly with a fixed reception pattern antenna GPS receiver and a common Kalman filter. The EGI system is the primary source for position information. The EGI is UNCLASSIFIED. The GPS crypto variable keys needed for highest GPS accuracy are classified up to SECRET.

b. The AN/AAR-57 Common Missile Warning System utilizes electro-optical sensors to warn the aircrew of threatening missile launch and approach. This system detects and performs data hand-off so countermeasures can be automatically dispensed. The system provides pilots hostile fire indication. The system hardware components are UNCLASSIFIED without installed software. When software is installed, the system is classified up to CONFIDENTIAL.

c. The AN/APX-118 Identification Friend or Foe combined transponder interrogator system is UNCLASSIFIED unless evaluator parameters are enabled, which are SECRET.

d. The AN/APR-39A(V)1/4 Radar Signal Detecting Set provides warning of radar directed threats to allow

appropriate evasive maneuvers and deployment of radar countermeasures. The system hardware components are UNCLASSIFIED without installed software. When the software is installed, the system is classified up to CONFIDENTIAL.

e. The AN/AVR-2B Laser Detecting Set is a passive laser warning system that can receive, process, and provide for the display of threat information. The system, hardware components, and software are UNCLASSIFIED.

f. The AN/AVS-6 Night Vision Goggles (NVG) is a 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.

g. The AGM-114R Hellfire Missile has sensitive technology contained within operational semi-active laser seeker. The highest level for release of the AGM-114R is SECRET, based upon the semi-active seeker and warhead. Reverse engineering could reveal CONFIDENTIAL information. Vulnerability data, countermeasures, vulnerability/susceptibility analyses, and threat definitions are classified SECRET or CONFIDENTIAL.

h. The Advanced Precision Kill Weapon System (APKWS) All-Up-Round (AUR) is an air-to-ground weapon that consists of an APKWS Guidance Section (GS), 2.75-inch MK66 Mod 4 rocket motor, and MK152 warhead/fuze. APKWS uses a semi-active laser seeker. The GS is installed between the rocket motor and warhead to create a guided rocket. The APKWS may be procured as an independent component to be mated to appropriate 2.75-inch warheads/fuzes and rocket motors purchased separately or may be purchased as an AUR. The overall classification is SECRET.

i. The A965M1 is a 25.4mm Decoy Chaff Cartridge. All cartridge components including the cartridge case, piston, end cap, and theoretical band coverage are UNCLASSIFIED. The specifications and drawings for this item are also UNCLASSIFIED. Radar Cross Section (RCS) measurements of deployed chaff are CONFIDENTIAL. Chaff deployment timing, sequence, pattern, and effectiveness against radar threats are SECRET/NOFORN.

3. Software, hardware, and other data/information, which is classified or sensitive, is reviewed prior to release to protect system vulnerabilities, design data, and performance parameters. Some end-item hardware, software, and other data identified above are classified at the CONFIDENTIAL and SECRET level. Potential compromise of these

systems is controlled through management of the basic software programs of highly sensitive systems and software-controlled weapon system on a case-by-case basis.

4. 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 capabilities. Weapon system effectiveness to persecute adversaries kinetically and strategically would be greatly compromised, and interoperability with friendly forces would be adversely impacted.

5. A determination has been made that Tunisia, the recipient country, can provide 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.

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

[FR Doc. 2016-10910 Filed 5-9-16; 8:45 am]

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DEPARTMENT OF DEFENSE

Office of the Secretary

[Transmittal No. 16-22]

36(b)(1) Arms Sales Notification

AGENCY: Department of Defense, Defense Security Cooperation Agency.

ACTION: Notice.

SUMMARY: The Department of Defense is publishing the unclassified text of a section 36(b)(1) arms sales notification. This is published to fulfill the requirements of section 155 of Public Law 104-164 dated July 21, 1996.

FOR FURTHER INFORMATION CONTACT: Heather N. Harwell, DSCA/LMO, (703) 697-9217.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 16-22 with attached Policy Justification.

Dated: May 4, 2016.

Aaron Siegel,

Alternate OSD Federal Register Liaison Officer, Department of Defense.



DEFENSE SECURITY COOPERATION AGENCY

201 12TH STREET SOUTH, STE 203
ARLINGTON, VA 22202-5408


APR 12 2016

The Honorable Paul D. Ryan
Speaker of the House
U.S. House of Representatives
Washington, DC 20515

Dear Mr. 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. 16-22, concerning the Department of the Army's proposed Letter(s) of Offer and Acceptance to France for defense articles and services estimated to cost \$90 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,


J. W. Rixey
Vice Admiral, USN
Director

Enclosures:

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



Transmittal No. 16-22

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 France

(ii) *Total Estimated Value:*

Major Defense Equipment*	\$60 million
Other	\$30 million
TOTAL	\$90 million

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

Major Defense Equipment (MDE):
Twenty-one (21) Guided Multiple Launch Rocket System (GMLRS) Unitary Rocket Pods (six (6) rockets per pod for a total of one-hundred and twenty-six (126))

Non-MDE: Also included are a GMLRS Unitary Quality Assurance Team (QAT), GMLRS publications, live fire data, software updates, and technical assistance.

(iv) *Military Department:* U.S. Army (WAN)

(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:* 12 April 2016

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

POLICY JUSTIFICATION

France—Guided Multiple Launch Rocket System (GMLRS) Unitary Rocket Pods and Related Support

The Government of France has requested a possible sale of twenty-one (21) GMLRS Unitary Rocket Pods. Also included are a GMLRS Quality Assurance Team (QAT), GMLRS publications, live fire data, software updates, and technical assistance. The total estimated value of MDE is \$60 million. The overall total estimated value is \$90 million.

This proposed sale will enhance the foreign policy and national security objectives of the United States by helping to improve the security of a NATO ally which has been, and continues to be an important force for political stability and economic progress. It is vital to the U.S. national interest to assist France to develop and maintain a strong and ready self-defense capability.

France intends to use these missiles to expand its existing army architecture and improve its self-defense capabilities. France is a co-developer of the GMLRS and has operational requirements for additional missiles. France 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 U.S. Army procured the GMLRS Unitary from Lockheed Martin Industries, Camden, Arkansas. The sale of these GMLRS Unitary will be from U.S. stock; therefore, Lockheed Martin will not be involved. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will require U.S. Government and contractor representatives to travel to France for equipment de-processing, fielding, system checkout, and new equipment training.

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

Transmittal No. 16–22

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

Annex

Item No. vii

(vii) Sensitivity of Technology:

1. The Guided Multiple Launch Rocket System (GMLRS) M31 Unitary is the Army's primary munition for units fielding the High Mobility Artillery Rocket Systems (HIMARS) and Multiple Launcher Rocket Systems (MLRS)

M270A1 Rocket and Missile Launcher platforms. The M31 Unitary is a solid propellant artillery rocket that uses Global Positioning System (GPS)-aided inertial guidance to accurately and quickly deliver a single high-explosive blast fragmentation warhead on to point targets at ranges from 15 to 70 kilometers. The rockets are fired from a launcher pod container that also serves as the storage and transportation container for the rockets. Each rocket pod holds six (6) total rockets.

2. The GMLRS Unitary employs a multi-mode fuze consisting of an Electronic Safe and Arm Fuze (ESAF) and a Frequency-Modulating Continuous Wave-Directional Doppler Ranging (FMCW-DDR) height-of-burst sensor. The weapon has three fuzing modes—point detonating, post-impact time delay, and proximity height of burst—which are all accomplished automatically via a launcher/fire control system electrical interface prior to launch. The height-of-burst sensor is not integrated with the fuze, but provides fire pulse input and interfaces with a mechanical fuze.

3. The Army's FMCW-DDR height-of-burst technology comprises components and software requiring special production skills and is deemed state of the art. The sensitive aspects of the technology reside primarily in the design, development, production, and manufacturing data for the related components (integrated circuits and flex cable assembly) and in the methodology required to integrate those components onto the flex cable assembly to process embedded data (the software, algorithm, and operating parameters). The sole technology aspect of the FMCW-DDR present in the M31 proximity height-of-burst sensor is the signal processing algorithm (*i.e.* processing techniques) modified specifically for use in the M31. The disclosure of know-how, software, and other associated documentation for this sensitive technology is not authorized under this sale.

4. A determination has been made that Government of France can provide 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 the Government of France.

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DEPARTMENT OF EDUCATION

Application for New Awards; Charter Schools Program (CSP)—Grants for Replication and Expansion of High-Quality Charter Schools

AGENCY: Office of Innovation and Improvement, Department of Education.

ACTION: Notice.

SUMMARY: Overview Information: CSP—Grants for Replication and Expansion of High-Quality Charter Schools Notice inviting applications for new awards for fiscal year (FY) 2016.

Catalog of Federal Domestic Assistance (CFDA) Number: 84.282M.

DATES: Applications Available: May 10, 2016.

Date of Pre-Application Webinar: June 16, 2016, 2:00 p.m. to 3:30 p.m., Washington, DC, time.

Deadline for Transmittal of Applications: June 20, 2016.

Deadline for Intergovernmental Review: August 23, 2016.

Full Text of Announcement**I. Funding Opportunity Description**

Purpose of Program: The purpose of the CSP is to increase national understanding of the charter school model by expanding the number of high-quality charter schools (as defined in this notice) available to students across the Nation; providing financial assistance for the planning, program design, and initial implementation of charter schools; and evaluating the effects of charter schools, including their effects on students, student academic achievement, staff, and parents.

The purpose of the CSP Grants for Replication and Expansion of High-Quality Charter Schools (Replication and Expansion) competition (CFDA 84.282M) is to award grants to eligible applicants to enable them to replicate (as defined in this notice) or expand high-quality charter schools (as defined in this notice) with demonstrated records of success, including success in increasing student academic achievement. Eligible applicants may use their grant funds to expand the enrollment of one or more existing charter schools by substantially increasing the number of available seats per school, or to open one or more new charter schools that are based on the charter school model for which the eligible applicant has presented evidence of success.

SUPPLEMENTARY INFORMATION: On December 10, 2015, the President signed into law the Every Student Succeeds