

**Products**

NSN: 6660-00-920-3722—Rain Gauge, 4"  
NPA: Productive Alternatives, Inc., Fergus  
Falls, MN

*Contracting Activity:* Dept of Commerce,  
Office of the Secretary/NOAA, Kansas,  
MO.

*Coverage:* C-List for the requirements of the  
Dept of Commerce, Office of the  
Secretary/NOAA.

NSN: 6545-00-NSH-0032—Combat  
Lifesavers Kit

NPA: ServiceSource, Inc., Alexandria, VA

*Contracting Activity:* Dept of the Navy,  
Marine Corps Air Facility/Contracting  
Office.

*Coverage:* C-List for the requirements of the  
Dept of the Navy, Marine Corps Air  
Facility/Contracting Office.

**Services**

*Service Type/Location:* Base Supply Center,  
USDA, Headquarters, 1400  
Independence Ave, SW., Washington,  
DC.

NPA: Winston-Salem Industries for the  
Blind, Winston-Salem, NC.

*Contracting Activity:* Dept of Agriculture—  
USDA, Office of Operations,  
Washington, DC.

*Service Type/Location:* Janitorial and  
Grounds Maintenance Service, USDA—  
ARS, 2000 E. Allen Rd, Tucson, AZ.

NPA: Beacon Group SW, Inc., Tucson, AZ.

*Contracting Activity:* Dept Of Agriculture—  
USDA, Agricultural Research Service,  
PWA Area Procurement Office, Albany,  
CA.

*Service Type/Locations:* Custodial Services,  
Bradford Facility, 5000 Bradford Drive,  
Huntsville, AL.

Huntsville Warehouse, 151 Electronics  
Blvd and 351 Electronics Blvd,  
Huntsville, AL.

Wynn Facility, 106 Wynn Drive,  
Huntsville, AL.

Cheverly Warehouse, 6340 Columbia Park  
Road, Cheverly, MD.

Suffolk Facility, 5611 Columbia Pike,  
Alexandria, VA.

Dahlgren Facilities, 17211 Avenue D,  
Dahlgren, VA.

NPA: Huntsville Rehabilitation Foundation,  
Huntsville, AL.

*Contracting Activity:* Dept of Defense, Missile  
Defense Agency (MDA), Redstone  
Arsenal, AL.

*Service Type/Location:* Receptionist and  
Security Services, Lyng Service Center,  
USDA NRCS California State Office, 430  
G. Street, # 4164, Davis, CA.

NPA: Pacific Coast Community Services,  
Richmond, CA.

*Contracting Activity:* Dept of Agriculture,  
Natural Resources Conservation Service,  
Soil Conservation Service, Davis, CA.

**Deletion****Regulatory Flexibility Act Certification**

I certify that the following action will  
not have a significant impact on a  
substantial number of small entities.  
The major factors considered for this  
certification were:

1. If approved, the action will not  
result in additional reporting,  
recordkeeping or other compliance  
requirements for small entities.

2. If approved, the action may result  
in authorizing small entities to furnish  
the product to the Government.

3. There are no known regulatory  
alternatives which would accomplish  
the objectives of the Javits-Wagner-  
O'Day Act (41 U.S.C. 46-48c) in  
connection with this product proposed  
for deletion from the Procurement List.

**End of Certification**

The following product is proposed for  
deletion from the Procurement List:

**Product**

NSN: 7530-00-731-5363—Paper, Tabulating

Machine.

NPA: Tarrant County Association for the  
Blind, Fort Worth, TX.

*Contracting Activity:* GSA/FSS OFC SUP  
CTR—Paper Products, New York, NY.

**Barry S. Lineback,**

*Director, Business Operations.*

[FR Doc. E9-20116 Filed 8-20-09; 8:45 am]

**BILLING CODE 6353-01-P**

**DEPARTMENT OF DEFENSE****Office of the Secretary**

**[Transmittal Nos. 09-35]**

**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 21 July 1996.

**FOR FURTHER INFORMATION CONTACT:** Ms.  
B. English, DSCA/DBO/CFM, (703) 601-  
3740.

The following is a copy of a letter to  
the Speaker of the House of  
Representatives, Transmittals 09-35  
with attached transmittal, policy  
justification, and Sensitivity of  
Technology.

Dated: August 12, 2009.

**Patricia L. Toppings,**

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

**BILLING CODE 5001-06-M**



**DEFENSE SECURITY COOPERATION AGENCY  
201 12TH STREET SOUTH, STE 203  
ARLINGTON, VA 22202-5408**

AUG 06 2009

**The Honorable Nancy Pelosi  
Speaker  
U.S. House of Representatives  
Washington, DC 20515-6501**

**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. 09-35, concerning the Department of the Navy's proposed Letter(s) of Offer and Acceptance to Brazil for defense articles and services estimated to cost \$7 billion. After this letter is delivered to your office, we plan to issue a press statement to notify the public of this proposed sale.**

**Sincerely,**

A handwritten signature in black ink that reads "Beth M. McCormick".

**Beth M. McCormick  
Deputy Director**

**Enclosures:**

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

**Transmittal No. 09-35**

**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:** Brazil
- (ii) **Total Estimated Value:**
- |                          |                      |
|--------------------------|----------------------|
| Major Defense Equipment* | \$3.0 billion        |
| Other                    | <u>\$4.0 billion</u> |
| <b>TOTAL</b>             | <b>\$7.0 billion</b> |
- (iii) **Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:** 28 F/A-18E Super Hornet Aircraft, 8 F/A-18F Super Hornet Aircraft, 72 F414-GE-400 installed engines, 4 F414-GE-400 spare engines, 36 AN/APG-79 Radar Systems, 36 M61A2 20mm Gun Systems, 36 AN/ALR-67(V)3 Radar Warning Receivers, 144 LAU-127 Launchers, 44 Joint Helmet Mounted Cueing Systems (JHMCS), 28 AIM-120C-7 Advanced Medium Range Air-to-Air Missiles (AMRAAM), 28 AIM-9M SIDEWINDER Missiles, 60 GBU-31/32 Joint Direct Attack Munitions (JDAM), 36 AGM-154 Joint Standoff Weapons (JSOW), 10 AGM-88B HIGH-SPEED ANTIRADIATION Missiles (HARM), and 36 AN/ASQ-228 (V2) Advanced Targeting Forward-Looking Infrared (ATFLIR) Pods. Also included are 36 AN/ALQ-214 Radio Frequency Countermeasures. 40 AN/ALE-47 Electronic Warfare Countermeasures Systems, 112 AN/ALE-50 Towed Decoys, Joint Mission Planning System, support equipment, spare and repair parts, personnel training and training equipment, ferry and tanker support, flight test, software support, publications and technical documents, U.S. Government and contractor engineering, technical and logistics support services, and other related elements of logistics and program support.
- (iv) **Military Department:** Navy (SDH)

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

- (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 Annex attached
- (viii) **Date Report Delivered to Congress:** AUG 06 2009

## **POLICY JUSTIFICATION**

### **Brazil – F/A-18E/F Super Hornet Aircraft**

The Government of Brazil has requested proposals from several foreign suppliers, including the United States, to provide the next generation fighter for the Brazilian Air Force. In this “FX-2” competition, the Government of Brazil has yet to select the United States Navy-Boeing proposal. This notification is being made in advance of receipt of a letter of request so that, in the event that the US Navy-Boeing proposal is selected, the United States might move as quickly as possible to implement the sale. If the Government of Brazil selects the U.S. Navy-Boeing proposal, the Government of Brazil will request a possible sale of 28 F/A-18E Super Hornet Aircraft, 8 F/A-18F Super Hornet Aircraft, 72 F414-GE-400 installed engines, 4 F414-GE-400 spare engines, 36 AN/APG-79 Radar Systems, 36 M61A2 20mm Gun Systems, 36 AN/ALR-67(V)3 Radar Warning Receivers, 144 LAU-127 Launchers, 44 Joint Helmet Mounted Cueing Systems (JHMCS), 28 AIM-120C-7 Advanced Medium Range Air-to-Air Missiles (AMRAAM), 28 AIM-9M SIDEWINDER Missiles, 60 GBU-31/32 Joint Direct Attack Munitions (JDAM), 36 AGM-154 Joint Standoff Weapons (JSOW), 10 AGM-88B HARM Missiles, and 36 AN/ASQ-228 (V2) Advanced Targeting Forward-Looking Infrared (ATFLIR) Pods. Also included are 36 AN/ALQ-214 Radio Frequency Countermeasures, 40 AN/ALE-47 Electronic Warfare Countermeasures Systems, 112 AN/ALE-50 Towed Decoys, Joint Mission Planning System, support equipment, spare and repair parts, personnel training and training equipment, ferry and tanker support, flight test, software support, publications and technical documents, U.S. Government and contractor engineering, technical and logistics support services, and other related elements of logistics and program support. The estimated cost is \$7.0 billion.

This proposed sale will contribute to the foreign policy and national security of the United States by helping to improve the security of a friendly country that has been, and continues to be, an important force for political stability and economic progress in South America.

Brazil needs these aircraft to meet current and future threats. The proposed sale of F/A-18E/F aircraft will enhance Brazil’s tactical aviation capabilities. An increase in capability will be accrued primarily due to the larger number of aircraft and the larger range and endurance of the F/A-18E/F. Brazil will have no difficulty absorbing these aircraft into its aircraft inventory.

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

**The principal contractors will be:**

**The Boeing Company  
General Electric Aircraft Engines  
Northrup Grumman Corporation  
Raytheon Corporation  
Lockheed Martin**

**St. Louis, Missouri  
Lynn, Massachusetts  
El Segundo, California  
El Segundo, California  
Bethesda, Maryland**

**There are no known offset agreements proposed in connection with this potential sale.**

**Implementation of this sale will require approximately eight contractor representatives to provide technical and logistics support in Brazil for two years. U.S. Government and contractor representatives will also participate in program management and technical reviews for one-week intervals twice semi-annually.**

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

**Transmittal No. 09-35****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 F/A-18E/F Super Hornet is a single- and two-seat, twin engine, multi-mission fighter/attack aircraft that can operate from either aircraft carriers or land bases. The F/A-18 fills a variety of roles: air superiority, fighter escort, suppression of enemy air defenses, reconnaissance, forward air control, close and deep air support, and day and night strike missions. The F/A-18E/F Weapon System is considered Secret.

a. The AN/APG-79 Active Electronically Scanned Array Radar System is classified Secret. The radar provides the F/A-18 aircraft with all-weather, multi-mission capability for performing air-to-air and air-to-ground targeting and attack. Air-to-air modes provide the capability for all-aspect target detection, long-range search and track, automatic target acquisition, and tracking of multiple targets. Air-to-surface attack modes provide high-resolution ground mapping navigation, weapon delivery, and sensor cueing. The system component hardware (Antenna, Transmitter, Radar Data Processor, and Power Supply) is Unclassified. The Receiver-Exciter hardware is Confidential. The radar Operational Flight Program (OFP) is classified Secret. Documentation provided with the AN/APG-79 radar set is classified Secret.

b. The AN/ALR-67(V)3 Electric Warfare Countermeasures Receiving Set is classified Confidential. The AN/ALR-67(V)3 provides the F/A-18F aircrew with radar threat warnings by detecting and evaluating friendly and hostile radar frequency threat emitters and providing identification and status information about the emitters to on-board Electronic Warfare (EW) equipment and the aircrew. The OFP and User Data Files (UDF) used in the AN/ALR-67(V)3 are classified Secret. Those software programs contain threat parametric data used to identify and establish priority of detected radar emitters.

c. The AN/ALE-47 Countermeasures Dispensing Systems is classified Secret. The AN/ALE-47 is a threat-adaptive dispensing system that dispenses chaff, flares, and expendable jammers for self-protection against airborne and ground-based Radio Frequency and Infrared threats. The AN/ALE-47 Programmer is classified Confidential. The OFP and Mission Data Files used in the AN/ALE-47 are classified Secret. Those software programs contain algorithms used to calculate the best defense against specific threats.

d. The AN/APX-111 Combined Interrogator/Transponder (CIT) Identification Friend or Foe (IFF) System is classified Secret. The requirement is to upgrade Brazil's Combined Interrogator Transponder (CIT) AN/APX-111 (V) IFF system software to implement Mode Select (Mode S) capabilities. Beginning in early 2005 EUROCONTROL mandated the civil community in Europe to transition to a Mode S only system and for all aircraft to be compliant by 2009. The Mode S Beacon System is a combined data link and Secondary Surveillance Radar (SSR) system that was standardized in 1985 by the International Civil Aviation Organization (ICAO). Mode S provides air surveillance using a data link with a permanent unique aircraft address. Selective Interrogation provides higher data integrity, reduced RF interference levels, increased air traffic capacity, and adds air-to-ground data link.

e. The Solid State Recorder (SSR) capabilities will add Electro-optical/Infrared (EO/IR) Imagery to the existing Cockpit Video Recording System (CVRS). Use of SSR technology will overcome numerous obsolescence issues with the existing CVRS, provides greater memory capacity, and allows for future network centric operations such as real-time/near-real time imagery in/out of cockpit.

f. The Joint Helmet Mounted Cueing System (JHMCS) is a modified HGU-55/P helmet that incorporates a visor-projected Heads-Up Display (HUD) to cue weapons and aircraft sensors to air and ground targets. In close combat, a pilot must currently align the aircraft to shoot at a target. JHMCS allows the pilot to simply look at a target to shoot. This system projects visual targeting and aircraft performance information on the back of the helmet's visor, enabling the pilot to monitor this information without interrupting his field of view through the cockpit canopy, the system uses a magnetic transmitter unit fixed to the pilot's seat and a magnetic field probe mounted on the helmet to define helmet pointing positioning. A Helmet Vehicle Interface (HVI) interacts with the aircraft system bus to provide signal generation for the helmet display. This provides significant improvement for close combat targeting and engagement. Hardware is Unclassified; technical data and documents are classified up to Secret.

g. The AN/AAQ-28 Litening Targeting Pod is classified Secret. Litening is a targeting pod integrated and mounted externally to the aircraft. The targeting pod contains a high-resolution, forward-looking infrared sensor (FLIR) that displays an infrared image of the target to the aircrew; it has a wide field of view search capability



and a narrow field of view acquisition/targeting capability of battlefield-sized targets. The pod contains a charged coupled device (CCD-TV) camera used to obtain target imagery in the visible portion of the electromagnetic spectrum. An on-gimbal inertial navigation sensor has established line-of-sight and automatic bore sighting capability. The pod is equipped with a laser designator for precise delivery of laser-guided munitions, a laser rangefinder provides information for various avionics systems, for example, navigation updates, weapon deliveries and target updates. The targeting pod includes an automatic target tracker to provide fully automatic stabilized target tracking at altitudes, airspeeds and slant ranges consistent with tactical weapons delivery maneuvers. These features simplify the functions of target detection and recognition, and permit attack of targets with precision-guided weapons on a single pass.

h. The Joint Mission Planning System (JMPS) is Secret. JMPS will provide mission planning capability for support of military aviation operations. It will also provide support for unit-level mission planning for all phases of military flight operations and have the capability to provide necessary mission data for the aircrew. JMPS will support the downloading of data to electronics data transfer devices for transfer to aircraft and weapon systems. A JMPS for a specific aircraft type will consist of basic planning tools called the Joint Mission Planning Environment (JMPE) mated with a Unique Planning Component (UPC) provided by the aircraft program. In addition, UPCs will be required for specific weapons, communication devices, and moving map displays. The JMPS will be tailored to the specific releasable configuration for the F/A-18 Super Hornet.

i. The AIM-9M SIDEWINDER Missile is classified Secret. AIM-9M Sidewinder is a launch and leave, air combat missile that uses passive infrared (IR) energy for acquisition and tracking, which can be employed in near beyond visual range (NBVR) and within visual range (WVR) arenas. It has high off-boresight capability for use with the Joint Helmet Mounted Cueing System (JHMCS). The AIM-9M has a highly agile airframe with a fifth-generation seeker and thrust vectoring control provide unprecedented performance.

j. The AGM-154C Joint Standoff Weapon (JSOW) is classified Secret. AGM-154C (Formerly Advanced Interdiction Weapon System) is intended to provide a low cost, highly lethal glide weapon with a standoff capability. JSOW family of kinematically efficient, air-to-surface glide weapons, in the 1,000-lb class, provides standoff capabilities from 15 nautical miles (low altitude launch) to 40 nautical miles (high altitude launch). The JSOW will be used against a variety of land and sea targets and will operate from ranges outside enemy point defenses. The JSOW is a launch and leave weapon that employs a tightly coupled Global Position System (GPS)/Inertial Navigation System (INS), and is capable of day/night and adverse weather operations. The JSOW uses inertial and global positioning system for midcourse navigation and imaging infrared and data link for terminal homing. The JSOW is just over 13 feet in

length and weighs between 1000-1500 pounds. Extra flexibility has been engineered into the AGM-154C by its modular design, which allows several different sub munitions, unitary warheads, or non-lethal payloads to be carried. The JSOW will be delivered in three variants, each of which uses a common air vehicle, or truck, while substituting various payloads.

k. The GBU-31/32 Joint Direct Attack Munition (JDAM) is classified Secret. The JDAM is a tail kit that converts existing unguided free fall bombs into accurate, adverse weather "smart" munitions. With the addition of a new tail section that contains an inertial navigational system and a global positioning system guidance control unit, JDAM improves accuracy of unguided, general purpose bombs in any weather condition. JDAM is a guided air-to-surface weapon that uses either the 2,000-pound BLU-109/MK 84, the 1,000-pound BLU-110/MK 83 or the 500-pound BLU-111 MK 82 warhead as the payload. JDAM enables employment of accurate air-to-surface weapons against high priority fixed and relocatable targets from fighter and bomber aircraft. Guidance is facilitated through a tail control system and a GPS-aided INS. The navigation system is initialized by transfer alignment from the aircraft that provides position and velocity vectors from the aircraft systems. JDAM can be launched from a very low to very high altitudes in a dive, toss or loft and in straight and level flight with an on-axis or off-axis delivery. JDAM enables multiple weapons to be directed against single or multiple targets on a single pass.

1. The AGM-88 HIGH-SPEED ANTIRADIATION Missile (HARM) is a supersonic air-to-surface tactical missile designed to seek and destroy enemy radar-equipped air defense systems. The AGM-88 can detect, attack and destroy a target with minimum aircrew input. Guidance is provided through reception of signals emitted from a ground-based threat radar. It has the capability of discriminating a single target from a number of emitters in the environment. The proportional guidance system that homes in on enemy radar emissions has a fixed antenna and seeker head in the missile nose. A smokeless, solid-propellant, dual-thrust rocket motor propels the missile. The weapon system has the capability of detecting, acquiring, displaying, and selecting a radiating threat and launching a missile or missiles. The HARM Missile receives target parameters from the launch aircraft prior to launch. The HARM Missile uses these parameters and relevant attitude data to process incoming RF energy to acquire and guide the HARM Missile to the desired target. The HARM missile has a terminal homing capability that provides a launch and leave capability for the launch aircraft. Additional unique features include the high speed, low smoke, rocket motor and seeker sensitivity that enable the missile to easily attack sidelobes and backlobes of an emitter.

2. If a technologically advanced adversary were to obtain knowledge of the specific hardware or software in this proposed sale, 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 advance capabilities.

[FR Doc. E9-20004 Filed 8-20-09; 8:45 am]

BILLING CODE 5001-06-C

---

**DEPARTMENT OF DEFENSE**

**Office of the Secretary**

[Transmittal Nos. 09-33]

**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 21 July 1996.

**FOR FURTHER INFORMATION CONTACT:** Ms. B. English, DSCA/DBO/CFM, (703) 601-3740.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittals 09-33 with attached transmittal, policy justification, and Sensitivity of Technology.

Dated: August 12, 2009.

**Patricia L. Toppings,**  
*OSD Federal Register Liaison Officer,*  
*Department of Defense.*

BILLING CODE 5001-06-M