Army Guide monthly

10 (133) October 2015

- General Dynamics Awarded $358 Million for 150 M1A1 SA Abrams Tanks for Morocco
- Textron Systems Awarded Contract to Provide an Additional 55 COMMANDO™ Select Armored Vehicles to Afghan National Army
- Hawkei to Be Built in Australia
- Orbital ATK Awarded $16 Million to Develop Next Generation 120MM Tank Ammo
- Oshkosh Defense Unveils M-ATV 646 and Advanced Driver Assist Systems at AUSA
- AM General Awarded $42 M in Additional Funding for Domestic and International HMMWV Sales
- Navistar Displays Latest MaxxPro MRAP and Medium Tactical Vehicle
- Plasan is proud to be part of the HAWKEI Land 121 Protected Mobile Vehicle program together with Thales Australia
- AT Communication is pleased to announce the launch of the AT USB-Logger for Voice and Data

www.army-guide.com

Defence Industry

General Dynamics Awarded $358 Million for 150 M1A1 SA Abrams Tanks for Morocco

STERLING HEIGHTS, Mich. -- The U.S. Army TACOM Lifecycle Management Command awarded General Dynamics Land Systems a $358 million Foreign Military Sales (FMS) contract to refurbish and upgrade 150 M1A1 Abrams Main Battle Tanks to the M1A1 SA (situational awareness) configuration for sale to the Kingdom of Morocco. General Dynamics Land Systems is a business unit of General Dynamics.

Under the M1A1 SA program, the main battle tanks are completely disassembled and overhauled to a like-new, zero-mile condition. Refurbished tanks incur lower operational and support costs and report higher operational readiness rates. M1A1s are configured with armor upgrades and additional mission-critical technologies to bolster crew situational awareness.

Deliveries will begin in January 2017 and the estimated completion date is February 2018. Work will be performed by existing employees in Anniston, Ala. and Lima, Ohio.

Contracts

Textron Systems Awarded Contract to Provide an Additional 55 COMMANDO™ Select Armored Vehicles to Afghan National Army

NEW ORLEANS, LA -- Textron Systems Marine & Land Systems, a Textron Inc. business, announced today a $56.2 million firm-fixed-price contract from the U.S. Army Contracting Command, Warren, Mich., to supply 55 additional COMMANDO™ Select four-wheeled armored vehicles to the Afghan National Army (ANA).

The vehicles are being contracted through the U.S. Army Foreign Military Sales (FMS) process. Work will be performed in Slidell, La., with vehicle deliveries beginning in October 2015 and completing by February 2016.

This latest FMS order of COMMANDO Select vehicles for the ANA will be configured in three variants: 36 equipped with Objective Gunner Protection Kits; 15 with enclosed 40mm/.50 caliber turrets; and four ambulance vehicles.

Called Mobile Strike Force Vehicles (MSFV) by the ANA, these vehicles will be deployed in support of security operations throughout the country. More than 630 of these vehicles have been delivered to the ANA since 2012.

"Since being put into service by Afghan National Army Kandaks (battalions) several years ago, ANA soldiers have experienced the exceptional mobility, survivability and overall performance these vehicles are known for," said Tom Walmsley, Marine & Land Systems senior vice president and general manager. "This additional supply of vehicles will support Kandaks currently operating MSFVs, so that existing ANA vehicle inventory can be rotated in for regular service and maintenance work."

Rigorously tested and proven in the toughest environments, the COMMANDO family of vehicles – including Elite, Select and Advanced lines – offers a range of protection options, unmatched on-road/off-road mobility and ample firepower. As an end-to-end solutions provider, Textron Systems also offers customers vehicle fielding, training, maintenance and logistics support services throughout each vehicle's life cycle.

Defence Industry

Hawkei to Be Built in Australia

The Australian Government will purchase 1100 locally built Hawkei protected vehicles and over 1000 trailers to strengthen our defence force.

Under a $1.3 billion agreement, the vehicles will be manufactured at Thales Australia's production line in Bendigo, creating 170 jobs there and another 60 jobs in Victoria.

The Hawkei will improve protection for soldiers and enable them to operate in high-risk areas. It is the only protected mobility vehicle in the ADF that can be transported by ADF helicopters.

The vehicles will also pioneer a next generation communications management system to be developed in Australia by Thales.

The Government will invest in the skills and knowledge base of the Defence industry. This long-term investment helps secure this important industry's future in Australia.

The Government is committed to working closely with Australian industry to bring about a safer and more secure Australia.

The Project LAND 121 Phase 4 contract to deliver the vehicles was signed today at Defence's Monegeetta

Proving Ground near Melbourne.

Since 2004, the Thales assembly line has been producing the highly successful Bushmaster, widely recognised as one of the finest vehicles of its type in the world.

As Bushmaster production winds down, the start of pilot vehicle production in early 2016 will secure the highly skilled Bendigo workforce for full-rate production of the Hawkei in 2018.

Defence Industry

Orbital ATK Awarded $16 Million to Develop Next Generation 120MM Tank Ammo

Dulles, Virginia -- Orbital ATK, a global leader in aerospace and defense technologies, announced today that the company was awarded a $16 million contract with options for the first phase of development for the 120mm Advanced Multi-Purpose (AMP), XM1147 High Explosive Multi-Purpose with Tracer cartridge. This new tank ammunition will provide Abrams Main Battle Tank crews a multi-purpose round that replaces four existing rounds, giving greater mission flexibility and main-gun capability through a single munition for multiple engagement scenarios.

AMP provides bunker and light-armor defeat, obstacle reduction and dismount engagement. Additionally, the round provides tank crews with an added capability to breach reinforced walls, and engage anti-tank crews and dismounts at ranges up to 2,000 meters.

“Our ammunition innovations like advanced kinetic energy penetrators and airbursting munitions are providing combat overmatch for our warfighters – which is our company’s mission,” said Dan Olson, Vice President and General Manager for Orbital ATK’s Armament Systems division of the Defense Systems Group. “Our ability to innovate comes from a long history of creating new capabilities for existing systems through our expertise in fuzing, warheads and platform integration.”

Earlier this year, Orbital ATK and the U.S. Army completed qualification for the M829E4, creating the Army's fifth generation, 120mm kinetic energy round that features a penetrator capable of defeating all modern armor protection suites as well as future armor protection concepts.

Orbital ATK has successfully type-classified 11 of the 13 current 120mm tactical and training rounds for the Abrams tank during more than 30 years of experience partnering with the U.S. Army to provide the warfighter with advanced ammunition types.

Since 1980, Orbital ATK has delivered more than 4 million rounds of 120mm tactical

and training tank ammunition to the U.S. Army, U.S. Marine Corps, and allied militaries. Through its proven, system-level contracting approach that reduces risk to the customer, Orbital ATK has delivered a constant supply of consistently reliable and affordable 120mm ammunition.

Orbital ATK’s Defense Systems Group is an industry leader in providing innovative and affordable precision and strike weapons, advanced propulsion and hypersonics, missile components across air-, sea- and land-based systems, ammunition and related energetic products.

Defence Industry

Oshkosh Defense Unveils M-ATV 6Ч6 and Advanced Driver Assist Systems at AUSA

OSHKOSH, Wis. -- Oshkosh Defense, LLC, an Oshkosh Corporation company, is unveiling the Oshkosh® MRAP All-Terrain Vehicle (M-ATV) 6Ч6 Technology Demonstrator, at AUSA in Washington, D.C. October 12-14, 2015. The M-ATV 6Ч6 Technology Demonstrator builds upon the protection and off-road mobility performance of the battle-proven M-ATVs, while providing more interior volume for up to 15 soldiers, as well as greater payload capacity and all-wheel steer for exceptional maneuverability.

“It’s never been more important for troops to have vehicles that effectively balance protection, payload, modularity and mobility to carry out missions in any environment or threat level,” said U.S. Army Major General (Retired) John M. Urias, executive vice president of Oshkosh Corporation and president of Oshkosh Defense. “The M-ATV 6Ч6 Technology Demonstrator was developed to transport a full squad with their required mission equipment and provide more power on the battlefield – all while maintaining MRAP level protection and off-road mobility.”

The Oshkosh M-ATV 6Ч6 Technology Demonstrator is multi-mission ready, allowing crews – whose roles may rapidly change – to have the right vehicle to perform that mission. The combined benefits from the TAK-4® independent suspension and the M-ATV 6Ч6’s all wheel steer enables maneuverability across any type of terrain on the modern battlefield.

Oshkosh Introduces New Advanced Driver Assist Systems

At AUSA, Oshkosh is also introducing the Advanced

Driver Assist Systems (ADAS) kits for any vehicle platform to help troops operate their vehicles safely in harsh conditions and difficult terrain. The Oshkosh ADAS kits use intelligent technologies to help increase driver control and response – during both peacetime and combat operations. The Oshkosh ADAS has three levels of performance:

- ADAS Tier 1: A camera-based technology that allows the vehicle to see where drivers cannot. Active alerts enhance driver awareness to mitigate collisions.
- ADAS Tier 2: Electronic Stability Control kit and radar-based technologies assist drivers with an additional layer of active safety. Tier 2 includes Adaptive Cruise Control (ACC) to maintain a following gap with a lead vehicle and Collision Mitigation Braking (CMB) to help slow the vehicle if a crash is imminent.
- ADAS Tier 3: Equips drivers with comprehensive technologies for accident avoidance. Tier 3 combines all of the technologies from Tier 1 & Tier 2, making it Oshkosh's most comprehensive safety solution.

The winning JLTV solution from Oshkosh, M-ATV 6Ч6 Technology Demonstrator and Global Integrated Product Support (GIPS) kiosk will be showcased on the second floor at AUSA in the Oshkosh Defense booth #6643. Oshkosh Defense leadership will be available to discuss the company's vehicles, technologies and services.

Defence Industry

AM General Awarded $42 M in Additional Funding for Domestic and International HMMWV Sales

AM General has been awarded new HMMWV contracts and modifications to existing domestic and international contracts for vehicles and parts for Iraq, Afghanistan, Tunisia, Israel, Turkey, Kenya, Lebanon and the United States totaling $42,165,170.

The recently announced contracts noted above cover items to include new production vehicles, international ambulance vehicles, automotive kits, spare parts and training.

There are approximately 230,000 HMMWVs currently in vehicle fleets around the world. Of those 230,000, approximately 160,000 HMMWV's are currently in service as part of U.S. Army, Marine Corps, Reserves and National Guard fleets with the remaining 70,000 vehicles belonging to international fleets.

"AM General continues to grow our backlog of new production HMMWVs while developing comprehensive modernization and maintenance programs for domestic and international customers," said Chris Vanslager, Executive Vice President, Defense Programs. "The HMMWV continues to be the vehicle of choice around the globe for more than 60 partner nations, evolving over the years with significantly increased mobility, protection, reliability and durability in order to meet changing military missions and threats …all at an affordable price."

AM General was also recently awarded $428,295,155 for new M997A3 HMMWV Ambulance Chassis Vehicles to support domestic disaster relief efforts by the Army National Guard, Army Reserve, and Army. These contract awards demonstrate the ongoing critical operational need for the HMMWV and that AM General remains the unmatched leader in modernizing and maintaining the light tactical fleet for the United States and around the world.

Exhibitions

Navistar Displays Latest MaxxPro MRAP and Medium Tactical Vehicle

Navistar Defense, LLC is displaying, for the first time, its latest MaxxPro® MRAP. A Reset vehicle coming straight from the Reset line in West Point, Miss., this vehicle has an enhanced level of blast protection and features the Electronic Stability Control (ESC). The company also has on display the General Troop Transport (GTT) variant of its 7000 MV Medium Tactical Vehicle line which is similar to what will be delivered to Afghanistan under a recent $369 million order.

"The MaxxPro on display incorporates two very significant steps forward in improving safety and mission performance for our country's warfighters," said Kevin Thomas, president, Navistar Defense. "First, it is a Reset vehicle which brings a MaxxPro that previously deployed in support of combat operations and has now returned for an extensive refurbishment effort to restore it to like new condition while also being upgraded to the latest configuration. The second is that we have added electronic stability control which further improves safety and performance. As a result of this Reset effort, all MaxxPro vehicles in the U.S. Army inventory will be at the same level of configuration."

These newly Reset and upgraded MaxxPro vehicles are re-entering service in Afghanistan. A total of 785 MaxxPro vehicles, in two variants, are being Reset under a $75 million contract.

"Our Medium Tactical Vehicle on display is an example of state-of-the-art technology for taking our

commercial Series 7000 WorkStar® truck platform and making it tactically viable and flexible," according to Thomas. "The baseline MTV platform has been configured in 17 different variants ranging from the GTT to water and fuel tankers and recovery vehicles. This provides tremendous flexibility, commonality and supportability for the Afghan and Iraqi forces operating them."

In late August 2015, the U.S. Army Contracting Command awarded Navistar Defense a $369 million contract to provide 2,293 Medium Tactical Vehicles (MTVs) to build upon the already existing Afghanistan National Security Force's (ANSF) MTV Fleet. Production will commence immediately, with deliveries starting in January 2016 and concluding in 2019.

A total of 17,000 MTVs are in service in both Afghanistan and Iraq.

Contracts

Plasan is proud to be part of the HAWKEI Land 121 Protected Mobile Vehicle program together with Thales Australia

Printer-friendly version

SASA, Israel -- Plasan, a leader in the design, development and integration of advanced armored protection systems, for all types of wheeled and tracked vehicles, is proud to have been selected together with Thales for the Land 121 Protected Mobile Vehicle – light (PMV-L) program. The Thales and Plasan innovative design will help ensure troops successfully and safely complete their mission. Thales and Plasan have worked side by side for several years to be able to develop, test and provide the final winning solution.

Plasan will be responsible for delivering the fully protected body kit for the 1,100 Hawkei vehicles to be provided to the Australian Defense Force (ADF), on a contract spread over the next 5 years.

The Hawkei solution includes:

- Advanced armored Kitted hull designs that are built to optimize survivability against a full range of blast and ballistic threats
- Blast protected seats, restraints and stowage to minimize crew impact during adverse events
- An integrated system designed to absorb and deflect blast energy
- A transparent and opaque armor for high level of kinetic threats including fast stow and removable add-on kits

Dani Ziv, Plasan CEO stated "We want to congratulate Thales for securing the Hawkei program and we are honored to be part of the winning team and to provide advanced solutions for one of the world's leading protected military vehicles. Thales – Plasan cooperation for the development, testing and production of the protective solution is an achievement for both companies and we look forward to extending our cooperation for future programs and contracts. This contract is another major milestone for Plasan, demonstrating our dominance of providing advanced high protection solutions to future vehicles."

Chris Jenkins, CEO of Thales Australia said:

"This is a great day for the ADF and for Australian industry. Hawkei is a highly capable vehicle that will serve this country well for many years to come, and we are delighted that the Department of Defence has recognized the importance of this vehicle by reaching this milestone.

"We are proud to have been chosen to deliver this next generation of protected vehicles to our armed forces, and we stand by them ready to support and adapt it as their requirements evolve. "We also thank Plasan, who have been with us on this long journey and played a significant role in shaping the Hawkei and contributing to its success. It's a great story about what Australian industry and international partnerships can achieve."

Defence Industry

AT Communication is pleased to announce the launch of the AT USB-Logger for Voice and Data

AT Communication is pleased to announce the launch of the AT USB-Logger for Voice and Data.

The AT USB-Logger is a simple device designed to provide time stamped recording and metatag logging of voice and data communication. The AT USB-Logger includes a simple software program installed on a PC that connects through the AT-USB Logger to your communication transceiver.

The solution is a very efficient way of recording communications enabling a permanent time stamped copy of communication exchanges to be saved for archive, storage, analysis or investigative purposes. A database is included that allows operators to add additional metatag information.

The actual logger interface hardware weighs less than 200 grams and is ideal for installation in mobile or fixed applications with tight spaces when combined with small industrial PC's or Laptops.

The AT USB-Logger features VOX activation, live replay whilst recording and MS Outlook Integration.

Applications include Emergency services, Humanitarian Aid and Relief, Defence and Security, Public Utilities and Infrastructure services as well as Minerals/Mining companies where critical radio communications are used.

Using secure log in access operators are able to retrieve communications based on time with the aid of visual waveform cues.

The product is available for immediate delivery. For further information, please visit our page:

http://hf-ssb-transceiver.at-communication.com/en/at/at-usb-logger.html