

Army Guide monthly



12 (123) December 2014

- Scorpion Multi-role Armoured Vehicle Contract Awarded To Nexter, RTD And Thales
- Enhanced Security Options for Codan HF Transceivers
- BAE Systems and Brazilian Army Complete 100th M113 Upgrade
- AT PPP Portable Power Pack
- GD Awarded \$100 M for Abrams Tank Production
- BAE Awarded Contract to Begin AMPV Program



Contracts

Scorpion Multi-role Armoured Vehicle Contract Awarded To Nexter, RTD And Thales



On the occasion of its visit in the 27th Mountain Infantry Brigade Artillery of Varcès (IsI'Ère), Jean-Yves LE DRIAN, Minister of Defence, handed the EBMR (Armoured Multi-roles vehicles) market to the CEOs of the GME (temporary consortium) formed by the French companies Nexter Systems, Renault Trucks Defense and Thales. Prepared by the Armament Procurement Agency (DGA), this market plans the development, the manufacturing and the support of the EBMR of the SCORPION program.

Under the EBMR contract, the Multi-Role Armoured Vehicle GRIFFON and Reconnaissance and Combat Armoured Vehicle JAGUAR will replace respectively on the one hand the VAB, and on the other hand, the AMX10RC, the ERC Sagaie and the VAB Hot, produced in the 70s and 80s and used extensively by the French Army in all theaters of operation for thirty years.

The contract covers all phases of an armament program, from development to unit logistical support through the qualification and production of systems. The GME is committed to the integral performance of the equipment in the long term as well as the operational availability of vehicles in service.

The state of the art innovation and know-how developed by the three companies in the GME in the domains of mobility, protection, weapons and digitization will be integrated in the first SCORPION-approved systems. The effect on the ground for future joint tactical groups (GTIA) equipped with SCORPION EBMR systems will be greatly increased with regard to the previous generation.

This program has a structuring effect for Nexter, RTD and Thales as well as for the French industrial sector that will be nourished by the subcontracting orders from the GME. It will create a thousand jobs in its development phase and 1,700 jobs in its production phase.

Almost 2,000 vehicles, and all associated logistical support equipment, will be delivered to forces from 2018.



Defence Industry

Enhanced Security Options for Codan HF Transceivers



AT Communication is pleased to inform our customers of a unique level of flexibility and extra security available in our range of Codan HF Transceivers. Codan HF Transceivers are equipped with the capability to customise hopping parameters. Some of these options include the ability to adjust the hopping bandwidth or to program prescribed hopping frequencies.

The ability to adjust these user settings gives a Codan Transceivers an extra layer of security that is not found on many other competing communications transceivers and reinforces Codan's position as an innovator and market leader in tactical communication systems. For more information on how to access this capability, please contact AT Communication.



Defence Industry

BAE Systems and Brazilian Army Complete 100th M113 Upgrade



BAE Systems and the Brazilian Army completed the upgrade of the service's 100th M113 to the M113A2 Mk1 (M113BR) configuration, marking a significant milestone for the program.

This modernization extends the service of the Army's fleet and increases its defense capabilities.

"This is an important milestone for BAE Systems and our long-standing partner, the Brazilian Army," said Adam Zarfoss, director of Artillery and Recovery Vehicles at BAE Systems. "The delivery of the 100th upgraded vehicle is a direct result of our close working relationship with the Army, developed through a strong technology sharing program."

BAE Systems received a contract to work with the Brazilian Army to convert 150 M113B vehicles to the M113A2 Mk1 configuration in December 2011. The team — utilizing resources from local industry and Parque Maintenance 5 — reuses existing vehicle hulls,

hatches, and ramps to replace or upgrade components such as engines, transmissions, and cooling systems. As part of the contract, the company is also transferring technology into the new vehicles and is working with the Brazilian Army to train personnel on the upgrade and maintenance of the vehicles.

The largest family of armored tracked vehicles in the world, the M113 family of vehicles includes more than 80,000 vehicles in the militaries of at least 44 countries worldwide. The M113, one of the most versatile of military tracked vehicles, can transport 12 troops plus a driver and is capable of amphibious operation, extended cross-country travel over rough terrain, and high-speed operation on improved roads and highways. The ongoing improvements and upgrades to the system help maintain the M113's relevance for the next three to four decades.

BAE Systems designs, develops, manufactures, and provides full life-cycle support for artillery, combat, and amphibious vehicles for the U.S. military and militaries around the world. In addition to the M113 upgrade program, the company is partnering with and transferring technology to Brazilian industry on other programs, including the 40mm naval gun and flight controls for the KC 390 air tanker.

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

Defence Industry

GD Awarded \$100 M for Abrams Tank Production



General Dynamics Land Systems has been awarded a \$99.7 million follow-on contract for the procurement and production of Saudi M1A2 (M1A2S) Abrams tanks for the Kingdom of Saudi Arabia. This modification is part of an existing contract to upgrade the Kingdom of Saudi Arabia's fleet of tanks.

The Foreign Military Sales contract was awarded by the U.S. Army TACOM Life Cycle Management Command on behalf of the Royal Saudi Land Forces.

This contract extends work started in 2008 to update M1A1 and M1A2 tanks to the M1A2S configuration. The M1A2S conversion increases the efficiency and capability of the tank.

The work will be performed by current employees at the Joint Systems Manufacturing Center in Lima, Ohio, with an estimated completion date of July 2016.

Defence Industry

AT PPP Portable Power Pack



AT Communication is pleased to announce the AT-PPP Portable Power Pack. The AT-PPP is a highly versatile solution providing field users with portable and emergency power supply.

The AT-PPP is equipped with a built in Hand Crank Generator that allows it to be charged once the built in storage battery has been completely discharged. The AT-PPP includes: 2 USB outputs, 2 Variable DC outputs with adjustable DC voltage, A high intensity White Light LED, a green Laser, a red Laser, a 144Wh LiON storage battery, AC charging point with indicator showing voltage, current draw and remaining battery life.

The AT-PPP Portable Power Pack can be used in the following application: Dismounted Military Soldiers, Remote Border Protection Services, Emergency Vehicle, Remote Police, Aid Agencies, Camping and Recreational Services, Emergency Rescue, Maritime Emergency, Remote Surveying, 4WD and Recreational Vehicles.

For more details, please visit page

Defence Industry

BAE Awarded Contract to Begin AMPV Program



BAE Systems was awarded a contract worth up to \$1.2 billion from the U.S. Army for the Engineering, Manufacturing, and Development (EMD) and Low-Rate Initial Production (LRIP) of the Armored Multi-Purpose Vehicle (AMPV). The program aims to provide the U.S. Army with a highly survivable and mobile fleet of vehicles that addresses a critical need to replace the Vietnam-era M113s.

“This award represents a significant milestone for the U.S. Army and BAE Systems,” said Mark Signorelli, vice president and general manager of Combat Vehicles at BAE Systems. “The AMPV will provide a substantial upgrade over the Army’s current personnel carrier fleet,

increasing the service's survivability, force protection, and mobility while providing for future growth potential. It also confirms BAE Systems' role as a leading provider of combat vehicles."

The initial award is for a 52-month base term, valued at approximately \$383 million, during which BAE Systems will produce 29 vehicles across each of the variants. The award also provides an option to begin the LRIP phase immediately following the current EMD phase, at which time the company would produce an additional 289 vehicles for a total contract value of \$1.2 billion.

The AMPV capitalizes on proven Bradley and M109A7 designs, meeting the Army's force protection and all-terrain mobility requirements while enabling the AMPV to maneuver with the rest of the Armored Brigade Combat Team (ABCT). The maximized commonality within the AMPV family of vehicles and the ABCT will reduce risk and provide significant cost savings to the Army.

The BAE Systems AMPV team includes DRS Technologies, Northrop Grumman Corporation, Air Methods Corporation, and Red River Army Depot. Work on the contract is expected to begin immediately and will take place primarily at the company's York, Pennsylvania, and Sterling Heights, Michigan, facilities.

