

# Army Guide monthly



## # 2 (161) February 2018

- MIV BOXER manufacture drives UK jobs and prosperity
- The U.S. Army Awards Oshkosh Defense The Contract For The Family Of Medium Vehicles A2 Variant
- U.S. Army Places \$106 Million Order For 416 Joint Light Tactical Vehicles
- Nexter and Texelis win the lightweight VBMR contract
- Otokar submitted its Best and Final Offer for Altay Serial Production



## Defence Industry

on the number of vehicles the Army may purchase.

### MIV BOXER manufacture drives UK jobs and prosperity

Leading British companies in the defence sector BAE Systems, Pearson Engineering and Thales UK have signed agreements with the ARTEC consortium as partners for the production of BOXER. Should the armoured wheeled vehicle be selected as the British Army's next generation Mechanised Infantry Vehicle (MIV), at least 60% of BOXER's value creation and 100% of final assembly will take place in Britain. To ensure the best value to the British tax payer, ARTEC has defined a competitive process for the main partners and their supply chains to follow.

ARTEC's investment in the UK value chain is estimated to secure or create at least 1,000 jobs all across the country. The UK partnership approach will ensure that British companies are fully embedded in the MIV supply chain. Rolls Royce, Parker-Hannifin, WFEL and British subsidiaries of the ARTEC parent companies will also supply British content.

Further, Rheinmetall intends to establish a modern production and integration centre for armoured vehicles in the UK as part of the programme. This represents a significant commitment from Rheinmetall which will lead to long-lasting armoured vehicle capability in the UK.

The UK played a major role in the design, development and testing of BOXER from 1999 to 2004. Upon acquisition, the UK would reassume the rights which it had as the original project partner. This would allow BOXER to be exported from the UK.

BOXER is proven against all key requirements of the British Army. Its high mobility, wide range of capabilities and maximum protection for the soldiers who operate it make it an ideal solution for UK operations. With around 700 vehicles delivered or under procurement, it is increasingly setting the standard for vehicles of its class among the European NATO states.



## Defence Industry

### The U.S. Army Awards Oshkosh Defense The Contract For The Family Of Medium Vehicles A2 Variant



OSHKOSH, Wis. -- Oshkosh Defense, LLC, an Oshkosh Corporation company, announced today that U.S. Army Tank-automotive and Armaments Command (TACOM) Life Cycle Management Command (LCMC) has awarded Oshkosh Defense a firm fixed price requirements contract spanning up to seven ordering years for the Family of Medium Tactical Vehicles (FMTV) A2 variant. The initial estimated contract value is \$476 million with no cap

“We are honored that the U.S. Army has selected Oshkosh Defense as the winner of the FMTV A2 production contract,” said Pat Williams, vice president and general manager of Army and Marine Corps Programs at Oshkosh Defense. “With the Oshkosh FMTV A2, our troops are getting the safest, most capable, and reliable FMTV this program has ever seen. We are fully prepared to build the next generation fleet of exceptional, cost-effective FMTVs to serve our troops in future missions.”

Oshkosh Defense has manufactured and sustained more than 150,000 Tactical Wheeled Vehicles for the U.S. DoD and its allies. Oshkosh Defense was first awarded the FMTV contract following a competitive evaluation in 2009 and, to date, has delivered more than 36,000 FMTV trucks and trailers. The U.S. Department of Defense recognized Oshkosh Defense with the Value Engineering Achievement Award for improvements that resulted in millions of dollars in cost savings for the U.S. Army, as well as improved performance and reliability.

“As the incumbent manufacturer, Oshkosh's FMTV A2 design features parts commonality that results in streamlined maintenance, training, sustainment and overall cost efficiency for our customer,” added Williams. “Oshkosh is ideally positioned, given its engineering, manufacturing and FMTV experience, to execute the next generation FMTV A2 program, running along the same warm production line that has been building FMTV's for the last eight years.”

Oshkosh Defense submitted the FMTV A2 proposal in response to the U.S. Army's competitive RFP that required bidders to validate and produce an upgraded FMTV A2 fleet of vehicles with improved payload, underbody protection, ride quality, mobility, engine power, electronics, diagnostics, and safety enhancements.

The future generation FMTV A2 to be provided by Oshkosh will be comprised of 16 models and associated trailers capable of carrying payloads ranging from 3-ton to 10-ton, and performing a wide range of duties from supporting combat missions, to relief efforts, to logistics and supply operations.

“We have an exceptional team of professionals who delivered a world-class effort to bring this program home to Oshkosh, where it belongs,” said Williams. “We are pleased to have been selected for this opportunity to continue to ensure that our troops get the best possible equipment to complete their missions, and return home safely.”



## Defence Industry

### U.S. Army Places \$106 Million Order For 416 Joint Light Tactical Vehicles

OSHKOSH, Wis. -- Oshkosh Defense, LLC, an Oshkosh Corporation company, announced today that the U.S. Army has placed a \$106 million order for 416 Joint Light Tactical Vehicles (JLTV) and

associated installed and packaged kits. This is the eighth order for JLTVs since the contract was awarded in August 2015.



“The JLTV program, currently in Low Rate Initial Production (LRIP), remains a top priority as we continue testing in support of a Full Rate Production decision in Fiscal Year 2019 (FY19),” said George Mansfield, Vice President and General Manager of Joint Programs at Oshkosh Defense. “Working closely with our government customer, we have completed Reliability Qualification Testing, accumulating over 100,000 miles, and have exceeded reliability requirements.”

The JLTV program expects the first Army unit equipped by mid-FY19 and both the Army and Marine Corps to achieve Initial Operating Capability (IOC) in early FY20.



## Contracts

### Nexter and Texelis win the lightweight VBMR contract



Roanne, February 12th, 2018 –Nexter and Texelis are delighted at today's confirmation by Florence Parly, Minister of Armies, for the attribution of the supply of Lightweight Multi-Role Armoured Vehicles (VBMR Véhicules Blindés Multi-Rôles) for the French Army. The contract went through the "Direction Générale de l'Armement" (DGA) in the presence of Joël Barre, National Armament Director (NAD), and Bernard Barrera, Major General of the land forces.

These 4-wheel drive vehicles are designed for use by the Army's intelligence and reconnaissance units as part of the SCORPION programme. With their multi-role capability, they are equipped with the SCORPION information and communication systems (SICS) and come in several variants: troop transport, command post, artillery fire control, engineering, ambulance, and ISTAR (Intelligence, Surveillance, Target Acquisition and Reconnaissance), tactical communication hub, etc.

The Nexter Group will be responsible for the design to cost and performance, integration, production and

support of the lightweight VBMR. This fully French-made vehicle will be assembled in Roanne, alongside the VBMR-GRIFFON and EBRC-JAGUAR, thus reinforcing job creation in the Roanne basin and in the engineering offices.

TEXELIS, a French intermediate sized enterprise based in Limoges, will design and supply the mobility equipment. As the French specialist in heavy vehicle power trains, Texelis contributes to the Lightweight VBMR's mobility performance.

Stéphane Mayer, Nexter's CEO commented, “I am extremely proud and pleased of this recognition of the expertise of Nexter and its teams, who have come up with the perfect answer to this programme's requirements. With this contract Nexter is reinforcing its presence within the SCORPION programme and strengthening its position as the reference player in the field of land armament". This contract follows on from the industrial architect contract awarded to tns-MARS (a JV including Nexter, Safran and Thales), the contract grouping together the design, production and support of the VBMR-GRIFFON and the EBRC-JAGUAR (within a temporary consortium consisting of Nexter, Thales and Renault Trucks Defense) and from the renewal of the Leclerc tank of which Nexter is prime contractor.

For his part, Charles-Antoine de Barbuat, Texelis CEO said, "I am very proud of the Texelis team for the part they have played in winning this highly significant contract for Lightweight VBMR. The decision of the DGA and the partnership with Nexter strengthens and confirms our strategy to be specialists in wheeled armoured vehicle and public transport mobility.”



## Defence Industry

### Otokar submitted its Best and Final Offer for Altay Serial Production



Turkey's leading land systems manufacturer Otokar submitted its best and final offer (BAFO) regarding the serial production of Altay Main Battle Tank Project to Undersecretariat for Defence Industries (SSM) on February 8th within the scope of the "Modern Tank Production Project by using National Sources".

In 2008, Turkey's biggest privately owned defence company Otokar had been awarded as the prime contractor for the development, design, prototype and qualification processes of Altay Main Battle Tank. The qualification and acceptance tests of the prototypes produced in the first phase were successfully completed, and prototypes approved in February 2017. While the inspection and approval process of the Technical Data

Package (TDP) by the Undersecretariat for Defence Industries is ongoing. The Undersecretariat for Defence Industries (SSM) released the Call to Bid Document for Altay's 'Serial Production' and 'Integrated Logistics Support' services in July. Otokar had submitted its first proposal for this tender on November 16th, 2017.

Otokar General Manager Serdar Gökçe commented on the serial production of Altay: "With 55 years of experience and capabilities, Otokar is one of the leading armoured vehicles manufacturers of the region. Our vehicles are used in over 30 countries by more than 50 different users. We have successfully completed all the tasks we have undertaken. In "Altay Main Battle Tank Design and Qualification Project" Otokar, as the prime contractor, successfully designed and developed Altay and did the project management of this complex project. With the investments we made in this process, the experience we gained, and enhanced R&D capabilities, Otokar captured a strategic momentum in its position in the defence industry. As Turkey's leading land defence systems company, Otokar has no foreign shares, it is purely a national company and we are a publicly listed company, providing full transparency throughout all our operations. With all the competencies and qualifications required for the serial producing Altay, we are ready for the task. Our wish is for the main battle tank Altay to start serving the Turkish Armed Forces as early as possible."

Gökçe continued; "We prepared a cost effective, sound and viable proposal with minimum risk and submitted as our BAFO (best and final offer) to Undersecretariat for Defence Industries (SSM). The Otokar proposal was created within the scope of timely response to the urgent needs of the Turkish Armed Forces. Meanwhile, we worked on all the infrastructure requirements and planned the production lines to be prepared for launching production as early as possible with the signing of the agreement for Altay's serial production, and obtained the necessary Manufacturing Permit from the Ministry of Defence. In addition to planning the production required by the Land Forces, Otokar also made annual capacity plans for export potential as well as the possible needs for main battle tank derivatives including mine clearing, recovery and engineering vehicles.

#### **ALTAY: New generation main battle tank**

Designed and developed to meet the requirements and needs of the Turkish Land Forces against present and future threats, Altay is one of the world's most modern main battle tank with its specifications. The main battle tank, standing out with its increased survivability, mobility and firing power, has delivered superior performance in challenging tests conducted in all climatic and terrain conditions for the last two years.

