

“KAKTUS” SIGINT-EW SOLUTION FOR THE POLISH ARMY

Military Electronic Works JSC company, based in Zielonka, became a leader of a consortium which has been tasked with implementation of the programme, within which the Polish Armed Forces would acquire automated KAKTUS-MO SIGINT-EW system.

The consortium has been formed on the basis of an agreement signed at the headquarters of the Polish Armaments Group, so that it would be possible for the newly created entity to take part in a procedure carried out by the Armament Inspectorate of the Polish Ministry of Defence, concerning the procurement of a new electronic warfare suite for the Polish Armed Forces, also known under the codename of KAKTUS-MO. The consortium is formed by Wojskowe Zakłady Elektroniczne S.A. (Military Electronic Works), Wojskowe Zakłady Łączności nr 1 S.A. (Military Communications Works No. 1 S.A.), Wojskowe Zakłady Łączności nr 2 S.A. (Military Communications Works No. 2 S.A.), along with the Zegrze-based Military Communication Institute. The consortium would also make use of work provided and rendered by domestic and foreign subcontractors, and it has been formed with support provided by the Polish Armament Group’s Bureau of Electronics and IT.

According to the documentation disclosed by the Armament Inspectorate, the procedure which is being currently carried out is to cover the deliveries of two automated KAKTUS-MO reconnaissance and jamming systems. On 23rd June the Inspectorate has published an invitation opening the proposal submission stage of the procedure. It is assumed, once implementation is approved, that work would take place in three stages.

Initially, it is expected that a single package is created, with the changes defined by the Ordering Party in the invitation taken into account. Then, the system would be tested, and only after that the second example would be created. The final stages of the order are expected to come to an end until the end of 2018.

The newly developed KAKTUS automated reconnaissance-jamming system is to be used for the purpose of conducting electronic warfare at operational and tactical levels. The mission of the KAKTUS system would include collecting the intelligence data concerning the composition and positioning of the enemy forces, and the profile of the undertaken operational activities.

Within the scope of countermeasures, KAKTUS system’s purpose is to carry out offensive electronic warfare through emission of jamming beam of electromagnetic energy via the frequencies at which the enemy’s receivers operate.