

Beth-El Zikhron Yaaqov Industries Ltd. & M. Schall GmbH & Co. KG completed the delivery of NBC-Protected Role 1 and 2 Medical operational tent and trailer systems "POON" to the Royal Netherlands Army. The total contract value of the POON-Project (M. Schall GmbH & Co. KG and Beth-El Zikhron Yaaqov Industries) was > 24 Million US\$.

The two companies M. Schall GmbH & Co. KG and Beth-El Zikhron Yaaqov Industries Ltd. have completed the delivery of a fully NBC/TIC protected role 1 and 2 medical operational tent and trailer system - POON - to the Royal Netherlands Army. The turn-key project, worth 24 Million US\$, encompasses over 4,800 square meters of NBC protected space. The collective protection (COLPRO) systems provide around the clock (24 hours a day, seven days a week) protection against all known chemical, biological, radioactive and nuclear (CBRN) warfare agents as well as toxic industrial chemicals (TIC). These unique features, as well as its high mobility, allow the system to be deployed not only in conventional war zones, but also for industrial disaster management, terrorist attacks and in asymmetric warfare.

Different tent types of the HTN Hybrid Tent series with inflatable Framework were used.

The medical tent complex is modular and can be deployed independently for different departments /sections or can be combined forming various complex configurations. The airflows e.g. within the protected tent areas (toxic free areas - TFA) can be freely directed due to a newly developed valve system thus working autarchic as independent areas. Different airlock systems for personnel, equipment and stretchers, complete the highly sophisticated, but very simple to use, access to the protected work areas.

The Ventilation/NBC-TIC-Filtration Systems combined with effective Air Conditioning Units provide the fresh air supply. Due to the effective climate control and pre-filtration, the high mobile field hospital can be used worldwide from arctic regions to desert areas. The highly effective pre-filtration keeps the medical working areas clean and dust free (and also free from any other contaminants like bacteria in the air). Even in non-combat operations (in Ventilation/Dust Filtration Mode with de-activated Filters), the disinfection/cleaning operations are minimized while drastically reducing equipment failure in dusty surroundings.

The tent setup has been tested as a with the ACU, AFU, Airlocks, TFA, DSS, etc. under various possible conditions (including particle and chemical testing) by the Royal Netherlands Army and TNO with outstanding results.

Mr. Jehudah Fehlauer, Head of Marketing & Sales at Beth-El Industries stated: "We are very pleased to continue our excellent and extensive collaboration with the Dutch Army with another flag program of its own class.

After having furnished the Dutch Army with mobile NBC-protected Command Posts through the ITCS program, the POON-Program is the successful and logical continuation and provides the best available CBRN-defence capabilities to the Dutch army, making them one of the most advanced forces in the CBRN-field."

Due to the intensive international cooperation between Beth El and M. Schall, more than 26 nations have been supplied with various configurations and types of COLPRO systems used as Command and Control centers, FST, Accommodation and medical emergency centers amongst other applications.

Beth-El Zikhron Yaaqov Industries Ltd. is a world leader in collective CBRN-protection systems. Beth-El has equipped more than 80 countries (civilian and military) worldwide with its systems; they have been and are in successful service in ten-thousands of numbers in the most difficult crisis and war situations as well as most major peace keeping and peace enforcing missions worldwide.

Beth-El Zikhron Yaaqov Industries Ltd. product range includes bomb shelter systems (blast protection, ventilation and CBRN/TIC-filtration), vehicle protection (ventilation and dust filtration /CBRN-TIC-Filtration, toxic shooting fumes filtration, air conditioning), mobile shelter and container protection (ventilation and dust filtration, NBC-TIC-filtration, air conditioning) and complete NBC-TIC protected tents as turn-key solutions.

Further products include isolation chambers / stretchers for patients with infectious diseases.

For more information please contact us on www.beind.com or info@beind.com.

Information on M. Schall GmbH & Co. KG can be found on www.mschall.de or info@mschall.de



Picture of the POON-Hospital set up.