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Selex ES to supply further battlefield radios to Sweden

Selex ES, a Finmeccanica company, has been selected by CELAB Communications AB, which was contracted by the Swedish Defence Materiel Administration, FMV, to supply further communication systems to meet the battlefield needs of the Swedish Home Guard. Following a competitive tender, CELAB selected Selex ES to supply an extra 4,425 man-worn EZPRR systems, together with ancillaries and spares to meet FMV's requirements. These are additional to the 8,700 Selex ES EZPRR man-worn systems and around 50 vehicle systems supplied by CELAB to FMV in a recent phased programme.

The Enhanced Encrypted Personal Role Radio (EZPRR) communications system will be used for voice and data transmission between Group/Squad leaders, platoon commanders and platoon vehicles (tracked, wheeled and boats), as well as for internal group/squad communications.

The EZPRR significantly enhances combat effectiveness by providing all informed communications to front line soldiers. Users on active service have described the introduction of the original PRR as having a profound effect on the operational effectiveness of infantry. The EZPRR builds on that success, enhancing vital performance and, in turn, is now operationally proven.

The EZPRR uses advanced 2.4GHz spread spectrum technology innovatively packaged to meet the demanding needs of the soldier. The EZPRR system is easy to use through its simple human-machine interface, is unobtrusive and comfortable to wear yet is rugged enough to sustain the harshest environments presented by active front line operations.

The modularity of the EZPRR design leads to flexibility and its use in many scenarios. It includes a unique wireless Press-To-Talk (PTT) that enables the user to operate the radio without removing his hands from his weapon. It has an interchangeable switch pack that allows configuration to different roles (e.g., interface to a commander's radio), and audio ancillaries that can be tailored to suit the needs of all users.

The EZPRR can be configured in two roles. The PRR body is fitted with one of two interchangeable PTT switch assemblies:

- Single PTT Switch Pack = 'Single user', operating the EZPRR only
- Dual PTT Switch Pack = the Commander is able to connect to the EZPRR and Combat Net Radio (CNR).

Second radio interfaces can be provided for MBITR, Harris, SINCGARS, PR4G, Bowman, TETRA, ICOM, Motorola and other professional radios.

About Celab

CELAB Communications AB (Celab) is a leading supplier of mission critical communications solutions for government and enterprise users. As an integrator, Celab has installed and commissioned comprehensive systems across diverse communication technologies for the defense, power plants, airports, production plants, transit authorities and mining industries. Celab has excellent in-house software development capabilities and tailors solutions based on standardized products and technologies; and is a distribution and systems partner of Motorola Solutions.