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## **E.S. Boulos Co. to provide electrical services for Central Maine Medical Center emergency dept. expansion**

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E.S. Boulos Company (ESB) has been awarded the electrical construction of the Central Maine Medical Center (CMMC) Emergency Department (ED) expansion and new central hospital laboratory.

The electrical project scope will include ESB's augmentation of the hospital's existing electrical infrastructure, including the primary power, life safety and critical branches; expansion of the facility's communications system; installation of a new voice-over IP system for the hospital; and expansion and upgrading the facility's Siemen's fire alarm system. ESB will also provide power distribution, tel/data fit-out and security system wiring in the CMCC ED and new laboratory.

The CMCC ED and laboratory will feature a new electrical distribution system. Lighting systems, to be installed by ESB, are designed to meet "Efficiency of Maine standards" and will include the integration of L.E.D. lighting technology in designated areas of the facility. The hospital will feature systems and equipment, including a Patient Locator System, GE Specialty equipment in Gamma rooms, Paging System, and Nurse Call System.

Construction is scheduled in three phases, each of which affect currently occupied areas. Keeping the CMMC facility fully operational throughout construction is a critical aspect of the project. 3-D modeling will be utilized to enhance the project's efficiency and allow for conflict resolution of any potential design problems prior to on-site field work. The fast-track project commenced in February and is scheduled for completion in March 2012.

In order to meet the unique project requirements, in the first two phases of the project ESB will route all new electrical systems around the central part of the hospital, which will be demolished and rebuilt in Phase 3. During the final phase, the facility will be provided major structural enhancements and a new electrical infrastructure.

The construction-renovation project will nearly double the size and capacity of CMMC's Emergency Department to 40,000 s/f.

The project will also more than triple the facility's laboratory space to 55,000 s/f.

E.S. Boulos project manager Lescar Beane, site supervisor Jason Queen, and foreman Robert Lussier will supervise an electrical team of 10 IBEW Local 567 electricians. ESB's tel/data foreman Herbert Geroux will manage a field crew of 3 telecommunications technicians from Local 567.

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