



communications

Electron Devices

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L-3 Electron Devices, Williamsport, PA, has been awarded a \$3.54 million contract to provide 84 klystrons to the U.S. Department of Energy's Thomas Jefferson National Accelerator Facility.

The 13 kW klystrons, devices which will generate the electromagnetic fields that will accelerate the CEBAF electron beam, will be used in the construction of the lab's 12 GeV Upgrade, a \$310 million project that will provide an international community of physicists with a cutting-edge facility for studying the basic building blocks of the visible universe.

L-3 EDD was awarded the contract for the klystrons after a competitive bid process.



Rick Nelson from Jefferson Lab and Mike Boyle, L-3 EDD

Jefferson Lab is a world-leading nuclear physics research laboratory devoted to the study of the building blocks of matter – quarks and gluons. The upgrade will double the energy of the lab's electron beam from 6 billion electron volts (GeV) to 12 GeV. Construction began this spring.

Jefferson Lab is one of 17 Department of Energy national laboratories. It is managed and operated by Jefferson Science Associates, LLC for the DOE Office of Science.

L-3 Electron Devices is a worldwide supplier of microwave power components and subsystems to all major prime contractors on key military programs, including missile seekers, aircraft navigation and landing systems, airborne and ground radars and electronic warfare and communications systems. The company also supplies various products to the medical and broadcast television industries. Electron Devices is a division of L-3 Communications and has offices in San Carlos, California, and Williamsport, Pennsylvania. For more information on L-3 Electron Devices, please visit the company's web site at www.L-3Com.com/edd.