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## **Shocking Technologies Ramps Up for Global Demand with Manufacturing Facility Expansion**

Innovative nanotechnology provider to add 30 new employees

**Event:** The San Jose Redevelopment Agency, the City of San Jose and Shocking Technologies will celebrate the company's expanded headquarters with a ribbon cutting event.

**When:** Wednesday, December 8, 2010 at 6 p.m.

**Who:** Mayor Chuck Reed  
Councilmember Ash Kalra, District 2  
Harry S. Mavrogenes, Executive Director, San Jose Redevelopment Agency  
Lex Kosowsky, President and CEO, Shocking Technologies, Inc.

**Background:** Shocking Technologies develops a polymer material (Voltage Switchable Dielectric™, VSD) that protects electronic products from harmful electrostatic discharge (ESD). The company moved to South San Jose in 2008 and recently expanded its facility's capabilities for manufacturing its innovative polymer material.

The company's nanotechnology invention addresses a major issue in the design and manufacturing of electronic products, especially portable and handheld devices, such as cell phones. Its patented material is applied to the internal electronics of a product and provides 100 percent protection against damaging electrostatic discharge. The material and technology being developed in the company's San Jose facility is the first of its kind available commercially.

Shocking Technologies' San Jose facility consists of a state-of-the-art production lab capable of producing enough VSD material to protect 200 million cell phones a year. The technology also has applications for other types of products, as well as for semiconductors. Shocking Technologies will begin volume production of its product in 2011.

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The company has raised a total of \$31 million from venture capital and private investors since inception. It received an investment of \$500,000 from the San Jose Redevelopment Agency for acquisition of capital equipment. Agency and City staff also helped to facilitate the permitting for the project.

The company currently has 43 employees and plans to increase its headcount as it scales manufacturing to meet customer demands.

Since 2007, the Agency has invested a total of \$10 million to retain and attract 11 companies: Nanosolar, Solar Junction, SoloPower, Stion, Borgata Recycling, SVTC Technologies, CTS Manufacturing, Shocking Technologies, Ultratech, SolFocus and Shocking Technologies. These companies have already invested more than \$434 million and created nearly 1,300 jobs.

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