

National Institute of Justice

Award Title: Antenna Systems for Multiband Mobile and Portable Radio

Award Description:

Among other purposes, the American Recovery and Reinvestment Act provides funds to preserve and create jobs and promote economic recovery and to provide investments needed to increase economic efficiency by spurring technological advances in science and health. In addition to supporting the goals of the Recovery Act, this project also supports the purposes of the Byrne Justice Assistance Grant Program by helping to increase the economic efficiency and effectiveness of law enforcement activities. This project will address law enforcement technology requirements and priorities in the areas of ' officer safety, public safety, and communications, (including interoperable communications). In consideration of the goals, objectives, and intended impact of the Recovery Act, priority consideration has been given to proposals that demonstrate the potential for increasing law enforcement efficiency and effectiveness and/or support job creation or preservation on an expedited time frame.

This project is intended to develop two prototype antennas - one with RF Multiplexer Optimization and the second with Reconfigurable Matching. This process will reduce the number of antennas required for public safety vehicles and will inform future work for portable antennas. This project will create jobs and new technology.

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Awardee Name: Virginia Polytechnic Institute and State University

Award Number: 2009-SQ-B9-K012

Solicitation Title: NIJ FY 09 Recovery Act: Law Enforcement Technology Research and Development

Fiscal Year: 2009

Amount: \$354,794.00

Earmark: No

Recovery Act: Yes

State/Territory: VA

County: Montgomery

Congressional District: 09

Award Status: Open