

National Institute of Standards and Technology

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http://patapsco.nist.gov/ts_sbir/Default.asp

Solicitation Dates*:

	Proposals Accepted	Proposals Due (Closed)	Award Date	Amount
Phase I	November 8, 2007	January 25, 2008	July 8, 2008	
Phase II		April 11, 2008	July 8, 2008	

*dates are estimates and **subject to change** by the agencies

Note: Only Companies that have a Phase I award are eligible to apply for Phase II

FY 2009* solicitation will be released on November 4, 2008

FY 2009* solicitation will be closed on January 27, 2009

Proposal submission info – NIST does not accept electronic submissions of proposals. Proposal preparation and submission instructions are provided within the Solicitation. The NIST SBIR Office does not maintain a mailing list.

General Inquiries about the NIST SBIR may be addressed to:

SBIR Program
Technology Partnerships Division
National Institute of Standards and Technology
100 Bureau Drive, Stop 2200
Gaithersburg, MD 20899-2200

NIST SBIR Program Manager:

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RESEARCH TOPIC AREAS

9.01 Analytical Methods

9.01.1-1.R Cryogenics for Kilopixel Sensor Arrays

9.01.2-3.R Contactless Conductivity Detector for Temperature Gradient Focusing

9.02 Homeland Security

9.02.1-4.R High Spectral Purity, Millimeter-Wavelength (W-band) Oscillator

9.03 Information Technology

9.03.1-4.R Efficient Low-Dark-Count Detector for Photon Counting

9.04 Manufacturing System Integration

9.04.1-2.R Validation tools for OWL Based Supply Chain Integration

9.04.2-2.R Time Synchronization of Wireless Sensor Networks

9.05.1-1.R Multiple Contact Nano-Probes for GHz to THz Electrical and Optical Characterization

9.05.2-1.R Massively Parallel High Temperature Probe Card for Wafer-Level Reliability Testing

9.06 Micro- and Nano-fabrication and Micromaching

9.06.1-5.R Elevated Temperature Quartz Crystal Microbalances for Nanoanalysis

9.06.2-5.R Multiple Polytype SiC Nanowire Fabrication Process and Equipment Development

9.07 Optics and Optical Technology

9.07.1-1.R 3D Laser Interferometer for Nanometrology

9.07.2-1.R Perfect Quantum Efficiency Matched Pair Photodiodes

9.07.3-1.R Low-Loss in-Fiber Optical filter at 860 nm

9.07.4-3.R High Power, Mid-Infrared Fiber Supercontinuum Light Source

9.07.5-4.R Compact, Frequency-Stable, and Efficient High-Power Laser Sources

9.07.6-4.R Shortwave Infrared Camera for Thermal Imaging

9.07.7-4.R Broadband Reflective Optical Coatings with Tailored Dispersion

9.07.8-4.R High-Resolution Solid Etalon Spectral Dispersers

9.07.9-4.R High-Bandwidth, Low-Noise Photodetectors for Precise Timing

9.08 Technologies to Enhance Fire Safety

9.08.1-6.R Innovative Fire Measurements

9.08.2-6.R Barrier Fabrics for Fire Safe Furniture and Mattresses

9.08.3-6.R Innovative Residential Fire Detection

9.09 X-ray System Technologies

9.09.1-1.R Digital Pulse Processing for Multiplexed Microcalorimeter Arrays

9.09.2-3.R Digital Signal Processing for 1 to 10 MHz X-ray Event Streams



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General inquiries about the NIST Small Business Innovation Research Program may be addressed to:

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For technical questions concerning the Small Business Innovation Research Program, contact us:

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