

RFM News Release

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RFM TO PARTICIPATE IN NANOTHERAPEUTICS' POTENTIAL \$2.4 MILLION SBIR CONTRACT FOR IMPROVISED EXPLOSIVE DEVICE DETECTION

RFM Could Provide Up To \$950,000 in Wireless Mesh Networking and Commercialization Technology

DALLAS, TEXAS, (February 7, 2005) RF Monolithics, Inc. [NASDAQ:RFMI] (RFM) today announced that its Wireless Systems Group is participating in a Small Business Innovation Research (SBIR) contract awarded to Nanotherapeutics, Inc. to develop an improved system to detect improvised explosive devices (IEDs). The contract's potential value is \$2.4 million, if all deliverables are elected, and of that amount RFM could provide up to \$950,000 in services and products.

Nanotherapeutics has developed a unique and patented method of detecting trace amounts of certain non-nitrogen-based explosives that can be used to safely detect bombs by the military and the Department of Homeland Security. The Nanotherapeutics method uses a unique, portable, rapid gas chromatography system to detect IEDs. The system was successfully demonstrated in a prior project and uses surface acoustic wave (SAW) devices manufactured by RFM as sensors for specific IED materials, such as triacetone-triperoxide (TATP), which was recently implicated in the London bombings. Nanotherapeutics has received this new, second phase SBIR contract from the Office of

Naval Research to refine, field test and commercialize the Nanotherapeutics explosives detection system. In addition to commercializing Nanotherapeutics' invention, RFM will be adding wireless mesh network capability to the system to create a field-deployable array of explosive sensing devices.

“Nanotherapeutics' fundamental innovation is an important addition to our country's war on terrorism, and we are proud to have our Wireless Systems Group working closely with them to make this solution available,” said David Kirk, President and CEO of RFM. “This relationship uses the full range of our technologies, from SAW device sensors to wireless mesh networking to volume manufacturing.”

“We are excited to have RFM in the technology and commercialization end of this project”, said James D. Talton, Ph.D., Chief Science Officer of Nanotherapeutics, Inc. “The contributions from a strong public company like RFM add value to the innovative, proprietary inventions that we have made in this important area for the nation's security.”

About RFM

Celebrating over 25 years of low-power wireless solutions, RFM, headquartered in Dallas, Texas, is a leading designer, developer, manufacturer and supplier of radio frequency wireless solutions enabling wireless connectivity for the automotive, consumer, industrial, medical and communications markets worldwide, allowing our customers to provide products and services that are both cost effective and superior in performance. RFM's wireless solutions are supported by industry leading customer service. For more information on RF Monolithics, Inc., please visit our websites at www.rfm.com and www.wirelessis.com.

About Nanotherapeutics

Nanotherapeutics, Inc., a Florida Corporation, has made new discoveries in the area of nanometer-scale manufacturing systems and is applying them to the development of novel pharmaceutical, over-the-counter, and diagnostic products. Nanotherapeutics has developed four proprietary nanotechnologies, NanoDRY™, NanoQUAD™,

NanoCOAT™, and NanoBREATH®, which produce valuable solutions for a variety of products. For more information on Nanotherapeutics, Inc., please visit www.nanotherapeutics.com.

Forward-Looking Statements:

This news release contains forward-looking statements, made pursuant to the Safe Harbor Provision of the Private Securities Litigation Reform Act of 1995, that involve risks and uncertainties. Statements of RFM's plans, objectives, expectations and intentions involve risks and uncertainties. Statements containing terms such as "believe", "feel", "expects", "plans" "anticipates" or similar terms are considered to contain uncertainty and are forward-looking statement, as well as the other risks detailed from time to time in RFM's SEC reports, including the report on Form 10-K for the year ended August 31, 2005. RFM does not assume any obligation to update any information contained in this release.

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