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For Immediate Release

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Air Force SBIR Phase II Win for Aegis Nanogenesis Group

Huntsville, Alabama (June 29, 2011) - The Air Force SBIR Program has awarded a Phase II win to Nanogenesis, a Division of Aegis Technologies, for its proposal "Measurement of Laser Irradiance on Target for Directed Energy Weapons" (LIMT).

This work will provide a conformal mesh of micro-scale sensors that can be appended to the curved surface of a target. The sensor array will have a thickness on the order of hundreds of microns, which will minimize aerodynamic effects. The open architecture design will minimize the interference of the sensor with the target surface. These arrays will be integrated into a system that includes readout electronics, transmission of sensor data via a telemetry system, data acquisition, and near real time visualization of measured irradiance.

"Nanogenesis detector technologies have been advancing in capability for some time now. We look forward to meeting the rigorous technical challenges to meet the Air Force needs in laser instrumentation," said Dr. Matt Lassiter, PhD, Materials Scientist and Principal Investigator for this proposal effort.

David Thomas, VP of the advanced technology development arm of Aegis called Nanogenesis, added, "We are very enthused to have this opportunity to support the Air Force. We have a world-class team that is unified in its quest for innovative solutions to some very challenging problems."

About The Aegis Technologies Group Inc.

The Aegis Technologies Group is a privately held small business headquartered in Huntsville, Alabama, USA, that provides expert modeling & simulation (M&S) and nanotechnology development services to industries throughout the world. The company's products and services include simulation software and training systems; warfighter exercise support; simulation development and integration; geospatial programs; systems engineering and analysis; verification, validation, and accreditation (VV&A); and test and evaluation support. Aegis' Nanogenesis Division excels in advancing cutting edge micro and nanoscale technologies from concept to deployment with applications ranging from defense to energy to biotechnology.

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