Lockheed Martin Awarded $784 Million Contract To Build Ballistic Missile Defense Radar

Missile Defense Agency Long Range Discrimination Radar Program Designed to Protect U.S. from Ballistic Missile Threats

MOORESTOWN, N.J., Oct. 26, 2015 /PRNewswire/ -- The Missile Defense Agency (MDA) awarded a team, led by Lockheed Martin (NYSE: LMT), a contract to develop, build and test the Long Range Discrimination Radar (LRDR). The radar system will support a layered ballistic missile defense strategy to protect the U.S. homeland from ballistic missile attacks.

The nine-year contract, with options, will have the potential contract value of approximately $784 million. Work on the contract will be primarily performed in New Jersey, Alaska, Alabama, Florida, and New York.

LRDR is a high-powered S-Band radar incorporating solid-state gallium nitride (GaN) components and will be capable of discriminating threats at extreme distances. LRDR is a key component of the MDA's Ballistic Missile Defense System (BMDS) that will provide acquisition, tracking, and discrimination data to enable separate defense systems to lock on and engage ballistic missile threats, a capability that stems from Lockheed Martin's decades of experience in creating ballistic missile defense systems for the U.S. and allied governments.

"The U.S. has a limited number of ground-based interceptors to detect threats, yet the number of potential missile threats - and countermeasures used to hide those threats - is growing," said Carl Bannar, vice president of Lockheed Martin's Integrated Warfare Systems and Sensors business. "Our offering meets the MDA's vision for LRDR by pairing innovative radar discrimination capability with proven ballistic missile defense algorithms."

This MDA selection builds upon the U.S. government's long-term investment in S-Band radar, ground-based radar, and systems integration, as evident in such Lockheed Martin technologies as the Aegis Combat System, Space Fence, and Aegis Ashore. Since 2012, Lockheed Martin has offered solid state ground-based S-Band radar utilizing an Open GaN Foundry model that leverages relationships with strategic suppliers.

"Our mature, scalable, GaN-based S-Band technology was ideally suited for this high performance ballistic missile defense application," Bannar said. "LRDR represents the latest evolution in ground-based radar and ballistic missile defense."

When constructed, LRDR will consist of a solid-state, active electronically-scanned antenna, and the facility to house and operate this radar antenna. Lockheed Martin's proposed LRDR system will be built on an aggressive timeline ready for operational testing in Clear Air Force Station, Alaska by 2020.

Lockheed Martin has developed a team of corporate partners to meet the challenges of the LRDR program, including deciBel research (Huntsville, AL), AMEC (Alpharetta, GA), ASRC Federal (Barrow, AK), IERUS Technologies (Huntsville, AL), PENTA Research (Huntsville, AL), and Davidson Technologies (Huntsville, AL).

For additional information, visit our website: www.lockheedmartin.com/lrdr

About Lockheed Martin
Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 112,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The Corporation's net sales for 2014 were $45.6 billion.

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