

Lockheed Martin Submits Proposals To Advance Defense Department's Operationally Responsive Space Efforts

Lockheed Martin has submitted a series of innovative proposals to the Department of Defense designed to advance state-of-the-art technologies in support of fielding rapid and responsive space systems for the warfighter.

The proposals were submitted to the Operationally Responsive Space (ORS) Office at Kirtland Air Force Base, N.M. in response to three Broad Agency Announcements (BAA) released in March that address a range of capabilities in the ORS mission area. These include responsive spacecraft bus and payloads technologies; a multi-mission low earth orbit modular space vehicle; and responsive launch, range and system architecture and modeling technologies. Lockheed Martin responded to each of these BAAs with innovation and end-to-end solutions.

"The need to design, build and deploy responsive space systems that provide timely data to the warfighter is a top priority for our customer," said Phil Bowen, director of Surveillance and Intelligence Systems at Lockheed Martin Space Systems Company. "Our responsive space capabilities combine Lockheed Martin's proven experience and leading edge technologies in providing affordable and responsive solutions and we look forward to collaborating with the ORS office and our industry teammates on this important initiative."

The ORS BAAs represent the latest in a series of activities undertaken by the U.S. military to develop technologies required to facilitate increasingly responsive architectures. The ORS Office is expected to award contracts for the associated development activities in each category later this year.

Lockheed Martin has a legacy of successfully developing affordable and responsive spacecraft and ground systems for commercial, defense, and civil government customers. Throughout Lockheed Martin's 50-year history, the company has designed, built, and launched over 150 small satellites, demonstrating its ability to field highly innovative capabilities rapidly at very low cost.

A recent example of the company's success in the small satellite area is the eXperimental Satellite System No. 11 (XSS-11) On-Orbit demonstration. Last year, the XSS-11 team, which includes the Air Force Research Laboratory's Space Vehicles Directorate, Kirtland AFB, N.M. and Lockheed Martin Space Systems Company, was recognized with the AIAA Space Systems Award for the successful design, development, integration and on-orbit tests of numerous first-time technologies and mission operations techniques supporting critical Air Force missions.

Lockheed Martin Space Systems Company, a major operating unit of Lockheed Martin Corporation, designs, develops, tests, manufactures and operates a full spectrum of advanced-technology systems for national security, civil and commercial customers. Chief products include human space flight systems; a full range of remote sensing, navigation, meteorological and communications satellites and instruments; space observatories and interplanetary spacecraft; laser radar; fleet ballistic missiles; and missile defense systems.

Headquartered in Bethesda, Md., Lockheed Martin employs about 140,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The Corporation reported 2007 sales of \$41.9 billion.

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