Boeing, BAE Systems Team for U.S. Air Force B-52 Stand-Off Jammer Proposal

Boeing [NYSE:BA] and BAE Systems have combined their B-52 and electronic warfare expertise to offer the U.S. Air Force a highly qualified team to execute the B-52 Stand-Off Jammer (SOJ) program.

"It takes a highly experienced electronic warfare integrator, along with the B-52 platform expert to deliver the maximum benefits of an effects-based, electronic attack capability," said Pat Finneran, vice president and general manager of Boeing's Logistics Support Systems. "The Boeing/BAE Systems team provides both. We have the vision and capability to deliver multi-platform electronic combat battle management for the Air Force's Airborne Electronic Attack (AEA) system of systems."

"Our team will leverage experience from major development and integration responsibilities on all key AEA programs," said Mike Heffron, president of BAE Systems' Information Warfare line of business.

The Air Force plans to make the B-52 an integral part of its AEA plan, by fitting the aircraft with simultaneous jamming, decoy and strike capabilities. The Air Force is expected to award the pre-System Development and Demonstration contract this fall. The B-52 SOJ program is estimated to be fully operational by 2012.

Finneran and Heffron detailed several distinct advantages of the Boeing/BAE Systems' best value solution for the war fighter:

- The team's electronic battle management and multi-vehicle command and control algorithms and software, which are also supporting all teams for the E-10A and Joint-Unmanned Combat Air Systems (J-UCAS), provide a highly leveraged, cost effective integrated electronic warfare node within the AEA System of Systems. The system will counter the integrated air defense systems of today, enabling the Air Force's Information Dominance vision.
- The team's direct involvement on other major electronic warfare development programs like the B-52, EA-18G, J-UCAS, Compass Call, F/A-22, and F-35 ensures in-depth understanding of the evolving Airborne Electronic Attack concept of operations, warfighter needs, and B-52H SOJ mission expectations.
- The team understands relevant technologies such as networking electronic attack, electronic surveillance and data distribution.
- The team's modular, scalable approach is tailored for B-52 SOJ requirements.

The Boeing/BAE Systems solution provides integrated receivers, jamming pods with pre-emptive and selective reactive jamming techniques, and mission-management software for the Stand-Off Jammer mission. The team's approach will meet the customer's needs on four critical interfaces: Stand-off jammer system integration; systems integration on the B-52 platform; addressing the human/crew interface and, ultimately, successful integration within the Air Force's AEA systems of systems. It will be achieved without degrading current weapons carriage capability.

BAE Systems is an international company engaged in the development, delivery, and support of advanced defense and aerospace systems in the air, on land, at sea, and in space. The company designs, manufactures, and supports military aircraft, combat vehicles, surface ships, submarines, radar, avionics, communications, electronics, and guided weapon systems. It is a pioneer in technology with a heritage stretching back hundreds of years and is at the forefront of innovation, working to develop the next generation of intelligent defense systems. BAE Systems has major operations across five continents and customers in some 130 countries. The company employs nearly 100,000 people and generates annual sales of approximately $25 billion through its wholly owned and joint-venture operations.
A unit of The Boeing Company, Boeing Integrated Defense Systems is one of the world's largest space and defense businesses. Headquartered in St. Louis, Boeing Integrated Defense Systems is a $30.5 billion business. It provides network-centric system solutions to its global military, government, and commercial customers. It is a leading provider of intelligence, surveillance and reconnaissance systems; the world's largest military aircraft manufacturer; the world's largest satellite manufacturer and a leading provider of space-based communications; the primary systems integrator for U.S. missile defense; NASA's largest contractor; and a global leader in sustainment solutions and launch services.
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