Momentus Receives Contract from DARPA to Pave the Way for Large-Scale Space Structures

May 30, 2024

SAN JOSE, Calif.--(BUSINESS WIRE)--May 30, 2024-- Momentus Inc. (NASDAQ: MNTS) ("Momentus" or the "Company"), a provider of in-space transportation services, has secured a contract from the Defense Advanced Research Projects Agency (DARPA) aimed to support the design and in-space demonstration of technologies that will enable the construction of large-scale structures in space.

The program, known as DARPA Novel Orbital and Moon Manufacturing, Materials, and Mass-efficient Design (NOM4D), focuses on developing the foundations for building robust and precise structures in space. The vision is to transport raw materials from Earth for in-orbit manufacturing. Unlike deployable structures optimized for ground tests and launch survival, these structures—such as solar arrays, antennas, and optics—will be specifically designed for the space environment. This exciting endeavor represents a significant step toward advancing Momentus' capabilities in space construction and utilization.

Under the recently awarded "NOM4D On-Orbit Demo" program, Momentus will collaborate with other NOM4D performers to design and refine experiments that can be integrated onto the Momentus Vigoride Orbital Service Vehicle. These experiments must meet the stringent requirements for both launch and in-space operation.

The program will capitalize on Vigoride's flexibility, payload capacity, and ease of integration. Momentus' proprietary water-based propulsion system provides the ability to maneuver and modify orbit to meet a wide range of requirements for NOM4D. By conducting on-orbit demonstrations of the NOM4D assembly and manufacturing technologies, Momentus aims to elevate the Technology Readiness Level (TRL), thereby maturing the technology performance.

"We're delighted by the opportunity to partner with DARPA to work at the forefront of the future in-space infrastructure economy," said Momentus Chief Executive Officer John Rood. "Vigoride's flexibility, payload capacity, and power make it well-suited to support the demonstration of NOM4D technologies that overcome current volume, load, and vibration constraints currently limiting the type and scale of in- space structures."

Momentus will pioneer novel system-level application concepts to showcase the full integrated spacecraft benefits of NOM4D technologies. This exciting collaboration with DARPA positions Momentus at the forefront of the future in-space infrastructure economy.

About Momentus Inc.

Momentus is a U.S. commercial space company that offers commercial satellite buses and in-space infrastructure services including in-space transportation, hosted payloads, and other in-orbit services.

Forward-Looking Statements

This press release contains certain statements which may constitute "forward-looking statements" for purposes of the federal securities laws. Forward-looking statements include, but are not limited to, statements regarding the expected closing of the offering and fulfillment of customary closing conditions, Momentus or its management team's expectations, hopes, beliefs, intentions or strategies regarding the future, projections, forecasts or other characterizations of future events or circumstances, including any underlying assumptions, and are not guarantees of future performance. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict and many of which are outside of Momentus' control. Many factors could cause actual future events to differ materially from the forward-looking statements in this press release, including but not limited to risks and uncertainties included under the heading "Risk Factors" in the Annual Report on Form 10-K filed by the Company on March 8, 2023, as such factors may be updated from time to time in our other filings with the Commission, accessible on the Commission's website at www.sec.gov and the Investor Relations section of our website at investors.momentus.space. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and, except as required by law, the Company assumes no obligation and does not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise.

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