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Sidus Space Awarded New Contract for Next Phase of NASA ASTRA Project

CAPE CANAVERAL, Fla.--(BUSINESS WIRE)-- Sidus Space, Inc. (NASDAQ:SIDU), a Space-as-a-Service satellite company focused on commercial satellite design, manufacture, launch, and space-based data collection, was awarded a follow-on agreement for the next phase of NASA's Autonomous Satellite Technology for Resilient Applications (ASTRA) project.

During this phase of the ASTRA project, the Autonomous Systems Lab (ASL) team at NASA's Stennis Space Center near Bay St. Louis, Mississippi, will join Sidus Space to integrate ASTRA's autonomous operational on-orbit capabilities on a Sidus-built LizzieSat satellite as the organizations transition to the operational phase of the program. LizzieSat is set to benefit from cutting-edge autonomous operational capabilities that will offer actionable guidance for optimizing its performance, enabling timely maintenance, and more.

With the follow-on agreement, Sidus will support development of a NASA Stennis' communication center – the ASTRA Payload Operations Control Center (POCC) at the south Mississippi center. The SSC ASTRA communications POCC will tightly integrate with the Sidus Mission Operations Center (MOC) in Cape Canaveral during on-orbit operations.

"We are excited to support the development of the POCC as part of the NASA ASTRA payload mission on LizzieSat," said John Curry, Sidus' Chief Mission Operations Officer. "The POCC will monitor and control day-to-day activities between LizzieSat and NASA's ASTRA payload operations, utilizing proven NASA operations architectures to greatly enhance our mission success and performance."

Previously, Sidus was awarded a contract to integrate, and demonstrate for the first time, Mars Campaign Development (MCD) Division (formerly Advanced Exploration Systems)-derived autonomous operations in a spaceflight environment. The demonstration expects to provide the necessary flight heritage for an autonomous system development platform that could be used on future deep space missions.

LizzieSat-1, currently manifested to launch in 2023, intends to validate the MCD-developed autonomy software (NPAS-NASA Platform for Autonomous Systems) through on-orbit testing. The testing expects to evaluate the autonomous operation of the satellite imaging functions, assess the performance and behavior of the spacecraft power systems, and support the development, integration, testing, and operations of critical technologies for current and future Exploration Systems Development Mission Directorate (formerly Human Exploration and Operations Mission Directorate) missions.

About Sidus Space

Sidus Space (NASDAQ: SIDU), located in Cape Canaveral, Florida, operates from a 35,000-square-foot manufacturing, assembly, integration, and testing facility focused on commercial satellite design, manufacture, launch, and data collection. The company's rich heritage includes the design and manufacture of many flight and ground component parts and systems for various space-related customers and programs. Sidus Space has a broad range of Space-As-a-Service offerings including space-rated hardware manufacturing, design engineering, satellite manufacturing and platform development, launch and support services, data analytics services and satellite constellation management.

Sidus Space has a mission of Bringing Space Down to Earth™ and a vision of enabling space flight heritage status for new technologies while delivering data and predictive analytics to domestic and global customers. Any corporation, industry, or vertical can start their journey off-planet with Sidus Space's rapidly scalable, low-cost satellite services, space-based solutions, and testing alternatives. More than just a "Satellite-as-a-Service" provider, Sidus Space is a trusted Mission Partner—from concept to Low Earth Orbit and beyond. Sidus is ISO 9001:2015, AS9100 Rev. D certified, and ITAR registered.

Forward-Looking Statements

Statements in this press release about future expectations, plans and prospects, as well as any other statements regarding matters that are not historical facts, may constitute 'forward-looking statements' within the meaning of The Private Securities Litigation Reform Act of 1995. These statements include, but are not limited to, statements relating to the expected trading commencement and closing dates. The words 'anticipate,' 'believe,' 'continue,' 'could,' 'estimate,' 'expect,' 'intend,' 'may,' 'plan,' 'potential,' 'predict,' 'project,' 'should,' 'target,' 'will,' 'would' and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: the uncertainties related to market conditions and other factors described more fully in the section entitled 'Risk Factors' in Sidus Space's Annual Report on Form 10-K for the year ended December 31, 2021, and other periodic reports filed with the Securities and Exchange Commission. Any forward-looking statements contained in this press release speak only as of the date hereof, and Sidus Space, Inc. specifically disclaims any obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise.

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