November 10, 2026

Redwire Selected for $40 Million Contract to Demonstrate Power Generation for NASA Moon Base Program Leveraging its Innovative Roll Out Solar Array Technology

Following the installation of the eighth and final Roll Out Solar Array on the International Space Station, Redwire will embark on a bold new NASA initiative to bring its flight-proven solar array technology to the lunar surface

JACKSONVILLE, Fla.--(BUSINESS WIRE)-- Redwire Corporation (NYSE: RDW), a leader in space infrastructure for the next generation space economy, announced today that it has been selected for an approximately $40 million award to provide an integrated power generation system to support NASA's pioneering Moon Base efforts. Redwire will adapt its flight-proven Roll-Out Solar Array (ROSA) technology as the core part of a power generation system that will serve as a pathfinder for providing interfaces and usable power on the lunar surface for future rovers, habitats, and in-situ resource utilization activity.

The selection comes just days after astronauts successfully installed and deployed the eighth and final Redwire-built ROSA wing on the International Space Station (ISS). The eight wings are now supplementing the power supply to maintain and continue robust ISS operations, ensuring that America and its international partners continue to lead the world in low Earth orbit. Completion of their installation marks a milestone in a technology journey that began in Earth orbit and will soon extend out to the Moon and Mars.

"Moon Base is one of the most important human spaceflight initiatives for America since Apollo, and I could not be more grateful, proud, and excited for Redwire to power this extraordinary endeavor," said Mike Gold, President of Redwire Space. "ROSA has proven itself in Earth orbit and beyond for a variety of public and private missions. We will now be able to leverage this innovative technology to support trailblazing Moon Base operations and activities."

ROSA technology was developed via a NASA public private partnership between Redwire and its customer Boeing. This dynamic initiative resulted in a new American capability that has created substantial manufacturing jobs and has attracted customers from around the globe.

Building on ROSA's legacy in low Earth orbit, and the contributions of its expert power generation and management team, including Rocketdyne, Redwire will support NASA's Moon Base Infrastructure Office in conducting an autonomous and integrated power generation demonstration near the lunar South Pole. To extend infrastructure capabilities on

the lunar surface, NASA plans to purchase commercial components for a Mini-Communications and Solar Tower (miniCAST), including solar arrays, batteries, and wireless power-transfer hardware.

The system will validate vertically deployed solar power generation, mast-mounted payload operations, and lunar night survival. The mission will help reduce technical risk and inform the development of future larger power systems.

Redwire advanced ROSA for vertical deployment and retraction in the lunar gravity environment through its work on NASA's Vertical Solar Array Technology program. Redwire's integrated power generation system will build on that development and Redwire's decades of space power experience to begin to address a fundamental requirement for a sustainable lunar presence: dependable power where and when explorers need it.

Redwire has continued to advance ROSA technology to provide robust and reliable power to numerous spaceflight platforms and ambitious missions including NASA's Double Asteroid Redirection Test and commercial telecommunications. Redwire has built the most powerful ROSA wings in its history to help power the historic SR-1 Freedom Mission to Mars. In addition to ROSA, Redwire has also developed the Extensible Low-Profile Solar Array (ELSA) for a variety of space missions. With more than 65 solar array wings delivered or in development, Redwire is powering the future of civil, commercial, and national security space activities.

About Redwire

Redwire Corporation (NYSE: RDW) is an integrated space and defense tech company focused on advanced technologies. We are building the future of aerospace infrastructure, autonomous systems, and multi-domain operations leveraging digital engineering and AI automation. Redwire's approximately 1,400 employees located throughout North America and Europe are committed to delivering innovative space and airborne platforms transforming the future of multi-domain operations. For more information, please visit RDW.com.

View source version on businesswire.com:
https://www.businesswire.com/news/home/20261110128439/en/

Media Contact:
Tere Riley
Tere.Riley@rdw.com
OR
Investors:
investorrelations@redwirespace.com

Source: Redwire Corporation