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News Release

QorTek Secures Multiple NASA Awards

NASA Invests \$51 Million in Innovative Ideas from US Small Businesses

NASA has selected 409 technology proposals for the first phase of funding from the agency's Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) program. The contracts will provide approximately \$51 million to 312 small businesses in 44 states and Washington, D.C. Companies will receive up to \$125,000 for each of the Phase I selections with \$750,000 for Phase II. The selected proposals represent a range of technologies that aim to benefit human exploration, including NASA's Artemis program, as well as science, technology, and aeronautics. QorTek was selected for three of these Phase I awards and a Phase II award.

"NASA depends on America's small businesses for innovative technology development that helps us achieve our wide variety of missions," said Jim Reuter, associate administrator for NASA's Space Technology Mission Directorate in Washington. *"Whether we're landing Artemis astronauts on the Moon, sending rovers to Mars, or developing next-generation aircraft our small business partners play an important role."*

These awards will enable QorTek to continue its efforts developing the most advanced space-based electronics to support various NASA mission requirements. QorTek will be providing NASA the capability for very high-power density management and distribution of orbital space bus power for the Artemis cislunar orbital satellites that will be supporting planned lunar surface missions. Separately, QorTek will be supplying advanced power control and power distribution for the 20-40kW nuclear power generators that will provide primary on-board power for Artemis satellites and that will also provide mains power at lunar surface. QorTek will also be developing and supplying NASA with radiation-immune power supplies needed by space-deployed digital electronics that will integrate recent QorTek advances in high radiation level immune digital IC technology. Much of this technology will further transition to other planned NASA deep space missions.

To view the NASA SBIR 2020 Phase I selections: https://sbir.nasa.gov/prg_selection/node/63001

For more information about NASA's investment in technology, <https://www.nasa.gov/spacetech>

About QorTek Inc.

With almost 60 employees including 36 Engineers (EE, ME, MatSE), and 5 PhDs, QorTek is a world leader in smart material devices and high-density power electronics, innovating, developing, and providing quality solutions to a diverse array of industries including underwater systems, land & air systems, military & commercial space systems, medical, and industrial. The dedicated and experienced team is committed to creatively advancing technology to promote sustainable business growth, driven by dynamic engineering enabled by advanced science and technology.

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