

FOR IMMEDIATE RELEASE

Ridgetop Group Awarded New NASA Contract for Advanced Fault Management System

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Ridgetop Group, Inc. (Ridgetop) announced that it has been selected for a Small Business Innovation Research (SBIR) contract from the National Aeronautics and Space Administration (NASA). Under this contract, Ridgetop will develop an advanced system for handling faults occurring in electrical systems so they can be rapidly mitigated.

Fault management is a key component in the safe and robust operability of spacecraft systems. The innovative technology developed under this program will provide substantial benefits for fault mitigation in complex systems, ranging from flight control to electric power distribution, with autonomic recovery requirements. Ridgetop will embody innovative fault-to-failure progression (FFP) degradation signature modeling and processing methods and techniques into a modular software tool suite for advanced FM design and architecture. In addition, Ridgetop will leverage its expertise in prognostics and health management (PHM) by integrating its prognostic algorithms in order to produce fast and accurate state-of-health (SoH) and remaining useful life (RUL) estimates. The main applications for this technology include space vehicles, aerospace, automotive, critical transit systems, and factory automation.

“We are very pleased to be selected by NASA to support its objective of improving fault management for spacecraft,” said Doug Goodman, President and CEO of Ridgetop Group. “This program will allow us to provide NASA with a more effective system, which will offer capabilities that are unparalleled compared with what is currently available.”

About Ridgetop Group, Inc.

Ridgetop Group, founded in 2000, provides products and services to customers through two operating divisions: Advanced Diagnostics and Prognostics (ADP) and Semiconductor and Precision Instruments (SPI). The firm is qualified as an aerospace supplier under its AS9100C certification, and became a Category 1A Trusted Supplier under the DoD’s Trusted Foundry Program in 2010. In addition to NASA, Ridgetop’s customers include a wide range of government and commercial organizations worldwide.

For further information, please visit our website at www.ridgetopgroup.com or contact information@ridgetopgroup.com.

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