

# News from Savannah River National Laboratory

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**FOR IMMEDIATE RELEASE**

## Savannah River National Laboratory to Pursue Space for Advanced Manufacturing Collaborative

AIKEN, SC (December 8, 2015) – Savannah River Nuclear Solutions (SRNS), which operates the Savannah River National Laboratory (SRNL), is exploring a collaborative public, private, and academic sector partnership to promote the development of an advanced manufacturing center in the Central Savannah River Area through the issuance today of an announcement in Federal Business Opportunities seeking interested parties to partner in such an endeavor. That announcement can be found at:

[https://www.fbo.gov/index?s=opportunity&mode=form&id=03fbf3ebed4d138680e1c33bc6420b23&tab=core&\\_cview=0](https://www.fbo.gov/index?s=opportunity&mode=form&id=03fbf3ebed4d138680e1c33bc6420b23&tab=core&_cview=0)

The objective of the advanced manufacturing collaborative is to have a private entity provide laboratory and office space, maintain the facility, and subsequently execute a lease agreement. This innovative approach may involve expanding the capabilities of SRNL through third party financing and collaboration on scientific and technological innovation. In addition to being a cost-effective approach for taxpayers, the advanced manufacturing center could bring together resources from the various sectors to collaborate on safe cleanup of radioactive and chemical waste from Cold War activities.

SRNL envisions a 70,000 square foot facility that could include chemistry labs, engineering fabrication labs, high bay and industrial work space and staff offices for about 100 people. The space could accommodate collaborative research and development in areas such as virtual simulation and manufacturing; process modeling and simulation for smart manufacturing; additive manufacturing and 3-D printing; advanced robotics and device and system testing and evaluation. Any proposed site would need to be within 20 miles of the existing SRNL campus, and in proximity to an accredited university offering majors in science, technology, engineering and math to support the potential collaboration. Occupancy is desired no later than December 2018.



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“Chemical processing and advanced manufacturing are critical to the success of DOE’s missions, not only in environmental management but throughout the Department’s programs,” said Jack Craig, Savannah River Site Manager. “We expect SRNL to be the focal point for leveraging public and private sector resources in an innovative, collaborative approach to accelerate progress in our legacy cleanup missions while bringing scientific, manufacturing and economic innovation to the region.”

Such a collaborative could enable SRNL to integrate and exploit the unique attributes of national laboratories, commercial entities and educational institutions to stimulate innovative thinking, adapt new technology and train the future workforce to accomplish DOE missions.

“Advanced manufacturing is a cornerstone of the continuing transformation of SRNL,” said Dr. Terry Michalske, SRNL Director. “SRNL is recognized nationally as an integrated science and technology solutions provider. This proposed collaborative partnership will build on the growing number of advanced manufacturing partnerships we already have underway with academic and economic leaders, create new jobs in the region, and develop the future workforce.”

The Savannah River National Laboratory (SRNL) is a multi-program applied research and development laboratory for the U.S. Department of Energy. SRNL applies state-of-the-art science and engineering to provide practical, high-value, cost-effective solutions for our nation’s environmental cleanup, nuclear security and clean energy challenges. Visit us on the web at <http://srnl.doe.gov>

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