

Request Name: UAMMI Appropriation Request

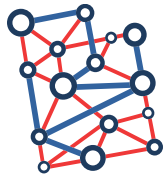
Description: Funding to enable the Utah Advanced Materials & Manufacturing Initiative (UAMMI) to secure other federal and/or private funding to complete the advanced materials industry supply chain tool and establish long term self-sufficiency. Funds will cover the void left when DoD was unexpectedly unable to provide follow-on support as planned.

Agency: Economic Development

Purpose: UAMMI's purpose is to expand the advanced materials industry in Utah by creating more business opportunities between companies, connecting industry with university research to create new materials and new markets for Utah products, and expanding the workforce with training for engineers and production workers.

Funding for: \$500,000. 2019 (One-time)

Private Not-for-Profit



UAMMI Appropriation Request Attachment

UAMMI Statewide Mission

The Utah Advanced Materials & Manufacturing Initiative (UAMMI) was established in 2016 to expand the advanced materials industry in Utah. This includes carbon fiber composites, ceramics and advanced alloys and techniques such as 3D printing and automation that are used in aerospace, energy, recreation and medical device industries. More than 14,000 jobs and over 120 companies are involved in this industry in Utah which are located in both urban and rural parts of the state. A major part of Hill Air Force Base's mission involves maintenance of composites-based aircraft. UAMMI has created a sophisticated Supply Chain Database to connect suppliers and users and identify gaps. UAMMI connects Utah universities with industry by bringing new research and industry needs together. Workforce development is a critical need for this industry and UAMMI works with education to bring expanded programs forward.

Budget Details

A. Finish the UAMMI Supply Chain Database Tool (subcontract for software development)

1.	Visualization Tool Enhancements	\$120,000
a.	Complete Customer/Supplier relationship model	
b.	Enhance Industry/Workforce relationship model	
c.	Add R&D mapping capability	
2.	Elasticsearch Enhancements	\$100,000
a.	Refactor Visualization Tools to use Elasticsearch	
b.	Add "aggregations" functionality for data filtering	
c.	Add advanced search features to existing search	
d.	Create "people" index for R&D	
3.	Complete Audit Tool for Organization cleanup	\$40,000
4.	Create "People" profile reporting	\$25,000
5.	Create Alert functionality (Email or In-App)	\$30,000
6.	R&D data updates (link equipment, certifications, etc.)	\$10,000
9.	Connecting to national platform (Manufacturers Marketplace)	\$65,000

B. Find other funding sources/mechanisms to make UAMMI self-sustaining (labor)

\$110,000

Total Request \$500,000



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www.uammi.org

Deliverables or Performance Measures

Deliverable: Completed, user friendly UAMMI Supply Chain Tool capable of connecting Utah businesses and keeping more supplier/vendor dollars in state.

Performance Measures

1. 100% of Utah's advanced composites industry captured in the Supply Chain Tool creating unprecedented insight into Utah's capabilities and gaps for the purpose of growing or recruiting new business.
2. Business growth as a result of UAMMI's Supply Chain Tool as demonstrated by Exchange Center usage (including RFI/RFQ connections) by at least two companies per month.
3. Grant and contract capture pursuits resulting in at least one new win to cover the remaining operating costs.

Explanation of Other State Funding

One-time non-lapsing funds were appropriated to UAMMI through GOED in FY 16 and FY 17 for start-up costs and cost share support for three federal grants.

Supplemental Information

UAMMI's Board of Trustees is comprised of the constituents it supports. The current Board includes industry members Lockheed Martin (Chair), Boeing, Northrop Grumman, Kihomac, Janicki, TCR Composites, Conductive Composites, and Hexcel; academia representatives including Weber State, Davis Technical College, Ogden-Weber Technical College, Salt Lake Community College, University of Utah and Granite School District; and the Governor's Office of Economic Development (GOED). Hill Air Force Base serves in an advisory role.