

TechStart Grant Awardees

January 10, 2012 Application Deadline

100 Word Non-Confidential Project Summaries

All awardees will be contacted by MTI within 5 business days.

TS042 - DOE SBIR/STTR Phase 1 Grant Application

Ocean Wind Technology, LLC - North Waterford

Submerged Web Foundation (SWF) is a novel approach to overcoming the challenges of making a cost-competitive deepwater foundation for offshore wind farms. Preliminary hydrodynamic analysis supported by MTI last year generated very encouraging results, and the team is preparing to complete the detailed design of the SWF system. This follow-up grant would allow us to apply for the DOE's SBIR/STTR Phase I grant program to fund the FAST simulation code development. The expected outcome is completion and submission of the proposal for the SBIR/STTR Phase I grant program under the subtopic 10f. Mooring Technology for Floating Offshore Wind.

Award: \$5,000

Match: \$5,280

Sector: Environmental Technology

TS0050 – Naturally Sweet Beverage

TreeVive, LLC - Cumberland

TreeVive is a naturally sweet beverage that is believed to increase energy and provide unique long term health benefits. The next steps toward commercialization require food science testing, preservation studies, investigation of intellectual property opportunities, and market analysis. This product will be marketed to an emerging demographic of health and environmentally conscious consumers as an all-natural and functional beverage.

Award: \$5,000

Match: \$5,000

Sector: Advanced Technologies for Forestry and Agriculture

TS054 - Market Research for Maine TEG

Thermoelectric Power Systems - Orono

Thermoelectric Power Systems, LLC will conduct market research into the development of customized thermoelectric generators for waste energy recovery system applications in the stationary power plan and the marine industry, which includes military, private sector transportation and commercial fishing.

Award: \$5,000

Match: \$5,000

Sector: Aquaculture and Marine Technology

TS055 - Composite Shell Development Project of the Multi Mission Platform

Resilient Communications Corporation – Brunswick

Resilient (RCC) is developing a series of Multi-Mission Platforms (MMPs). MMPs are Portable Data Center Facilities packaged in a structural composite shell which is weather and corrosion resistant. All platforms are designed to rapidly deploy in "drop, plug, and play" fashion.

The application seeks help with intellectual property filings for specific novel elements such as weight reduction, component integration, protection against mission-specific interferences, environment controls and integral power systems which can operate both on internal power and on local power source.

Multiple patents, OEM agreements and technology licenses are expected outcomes.

Award: \$5,000

Match: \$12,650

Sector: Composite Materials Technology