

# FY2016 SPECIAL REQUEST FOR PROPOSALS

## Center for Tropical and Subtropical Aquaculture

### Due Monday, March 20 2017

Due to a unique situation with the FY16 project development process and budget, the Center for Tropical and Subtropical Aquaculture (CTSA) is requesting full proposals for applied research and extension that addresses the two specific aquaculture development priorities listed below.

CTSA's mission is to support aquaculture research, development, demonstration, and extension education in order to enhance viable and profitable aquaculture in the United States. CTSA is funded by an annual grant from the U.S. Department of Agriculture's National Institute of Food and Agriculture (NIFA). The CTSA region includes the following areas: American Samoa, Guam, Hawaii, the Commonwealth of the Northern Mariana Islands, the Republic of the Marshall Islands, the Federated States of Micronesia, and Palau. CTSA strongly encourages collaboration between institutions and agencies in the region, as well as shared funding of large priority projects.

**Please note:** The objectives listed represent industry-identified requests and must be addressed in your proposal.

## Research Priorities

### **Mangrove Crab Disease Survey - up to \$20,000 may be available to fund this work, pending final program budget**

Mangrove crabs are a highly desired food in the Pacific islands and have thus been heavily harvested throughout the region. CTSA previously funded projects to produce juvenile mangrove crabs and study their feed requirements, but more information is needed to effectively grow them in the region. CTSA has identified the following objectives for this proposal or project:

- 1) Conduct a disease prevalence survey across the region.
- 2) Assess the genetic structure of mangrove crabs across the region.

### **Cost Effective Locally-Made Aquatic Feed – Up to \$100,000 may be available to fund this work, pending final program budget**

Affordable feed has been identified as one of the major constraints in the regional development of aquaculture. Any proposed work must utilize the research feed mill located at the University of Hawaii in Hilo. CTSA has identified the following objectives for this proposal or project:

- 1) Develop cost-effective, environmentally friendly and sustainable regional aquaculture feed resources using locally available ingredients for target species already in production in Hawaii.
- 2) And/or, use ingredients that are available locally in American Samoa (AS) to formulate and manufacture an affordable floating tilapia feed. The expectation is to produce experimental

feed in Hawaii and run feed trials in AS; the final product should be a feed formula for sustainable tilapia farming in AS.

## **Process and Instructions**

**Proposals that do not follow the guidelines outlined in this and accompanying documents (available for download on the CTSA website) will be rejected.** Properly formatted proposals received by the deadline, 5pm HST Monday March 20, 2017, will be reviewed for technical quality and industry impact by experts from CTSA's Technical Committee (TC) and Industry Advisory Council (IAC). Full proposals approved by the CTSA Board of Directors and the USDA as part of the CTSA FY16 Plan of Work are expected to have funding available for implementation by July 2017.

### **Eligible Applicants**

Universities, community colleges, or nonprofit research institutions and organizations must lead project execution. Private individuals or commercial companies are welcome to participate in research work but cannot act as the prime contractor for any project.

### **Full Proposal Guidelines**

Full proposal guidelines and required forms are available for download on the CTSA website. You must download and follow the guidelines and forms exactly or your proposal will be rejected.

### **How to Submit**

**Please e-mail proposals to [mbrooks@ctsa.org](mailto:mbrooks@ctsa.org) by 5pm HST, Monday March 20, 2017.** If you have any questions, please contact Meredith Brooks via e-mail or by telephone at (808) 292-1323. Two hard copies of the proposal must also be mailed to CTSA. Additional details included in Full Proposal Guidelines.