



## **USAID/UCC Fisheries and Coastal Management Capacity Building Support Project**

### **SECOND CALL FOR PROPOSALS FOR SHORT-TERM TECHNICAL ASSISTANCE TOWARDS THE OPERATIONALIZATION OF THE CENTRE FOR COASTAL MANAGEMENT (CCM) AT THE UNIVERSITY OF CAPE COAST, GHANA**

#### **BACKGROUND TO THE ASSIGNMENT**

As part of the operationalization of the Centre for Coastal Management (CCM) of the University of Cape Coast, the USAID/UCC Fisheries and Coastal Management Capacity Building Support Project is seeking for short-term technical assistance services from reputable organizations or experts (preferably PhD holders or practitioners with requisite long-standing experience) to provide service for the development of training manual and other services on the use and application of Geographic Information Systems (GIS) for integrated coastal management.

The outputs will be used to support capacity strengthening and training of various stakeholders - planners, disaster managers, District, Municipal and Metropolitan Assemblies, environmental officers, fisheries officers, fishermen, fishmongers and community-based management groups and NGOs. These activities are intended to support the quest of the Government of Ghana for sustainable management of its coastal zone and resources. Furthermore it will complement the commitment of the Ghana Government to the Feed the Future Program of the US Government's global hunger and food security initiative.

#### **ASSIGNMENT: DEVELOPING TRAINING MANUAL AND OTHER SERVICES ON THE USE AND APPLICATION OF GEOGRAPHIC INFORMATION SYSTEMS (GIS) FOR INTEGRATED COASTAL MANAGEMENT**

This activity is aimed at providing immediate access for PhD and MPhil candidates within the Department of Fisheries and Aquatic Sciences (DFAS) and scientists at the Centre for Coastal Management (CCM) to pursue relevant research agenda towards coastal environmental management, coastal planning, community resilience and social vulnerability to be facilitated through the setting up of an Environmental and Geographic information systems (GIS) Data Hub within CCM. The objective of the assignment is as follows:

- Conduct GIS Capacity Needs Assessment for CCM

- Determine the viability and usefulness of GIS technologies to CCM and the way that the CCM should conduct business relative to geographic information systems and applications for coastal management
- Determine the set-up of a GIS computer workstation within CCM
- Identify types of information and data needed and how they can be shared and used between UCC departments, government agencies and other stakeholders
- Identify the range of potential GIS applications for coastal management in Ghana
- Determine computer usage, level of expertise and requirements for students and staff of DFAS and CCM
- Determine internet usage, software, knowledge and fundamental technical capacity requirements
- Develop GIS course curriculum and training materials for a five-day training course for coastal management practitioners to provide direct technical skills and concepts in GIS
- Identify relevant state and non-state actors not limited to Department of Town and Country Planning and specific private entities
- Suggest ways the products could be integrated into an overall Environmental Data Hub to be established within CCM
- Develop a case study or framework for developing a coastal spatial plan potentially for Cape Coast or Elmina areas.

### **Expected Outputs**

The key product of this technical assistance is that knowledge and skills for the application of spatial information technologies within CCM assessed; Proposals for GIS capacity strengthening outlined; Curriculum and materials for short-term GIS training developed and tested; and a framework for conducting business in GIS for coastal management established. The assignment is expected to be completed by 30<sup>th</sup> September, 2016.

Proposals detailing how a project of interest will be undertaken with clear goals, activity timelines, methods to achieve the set targets, a budget and curriculum vitae must be submitted alongside the application. Applications MUST be delivered via email or courier by close of work Friday 15<sup>th</sup> April, 2016 to:

The Project Manager  
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