



# EAST AFRICAN COMMUNITY LAKE VICTORIA BASIN COMMISSION SECRETARIAT

## ESTABLISHMENT OF REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEM (GIS) LAB FOR LVBC SECRETARIAT

Sr. No.017

### Introduction and relevance to the Protocol and LVBC Strategic Plan

This project is in line with LVBC Strategic plan (2011-2016) under monitoring of natural resources.

### Project Rationale and Preparatory Studies

This GIS lab will allow LVBC to view, understand, question, interpret, and visualize data in many ways that reveal relationships, patterns, and trends in the form of maps, reports, and charts. It will also help LVBC Secretariat to provide answers to questions related to land use, hydrology, and biodiversity management among others.

### Specific objectives

- i) To establish Remote Sensing and Geographic Information System (GIS) Lab with ArcGIS software 9.13; Desks top computer DELL OR HP –braded; min 4GB OR RUM; SORAGE NOT BELLOW 320 GB; SPEED DOQUO; Server/Windows Server 2003 + Configuration; and printer; and satellite imagery processors;
- ii) To install both hard and software; and
- iii) To training of LVBC Staff on the use and application of GIS lab.

### Expected Results

- i) Remote Sensing and Geographic Information System (GIS) Lab with ArcGIS software 9.13; Desks top computer DELL OR HP –braded; min 4GB OR RUM; SORAGE NOT BELLOW 320 GB; SPEED DOQUO; Server/Windows Server 2003 + Configuration; printer and satellite imagery processor established;
- ii) GIS Hard and Software installed; and
- iii) LVBC Staff trained on the use and application of Remote Sensing /GIS technologies

## PROJECT DETAILS

### Project Goal:

To establish Remote Sensing and Geographic Information System (GIS) capacity at the LVBC Secretariat by procuring appropriate soft and hardware resources and training

### Project Objectives:

To establish Remote Sensing and Geographic Information System (GIS) capacity at the LVBC Secretariat to enable it to collect, collate and produce natural resources data and information on key assets in the basin (lake, river, land, fisheries, water catchments, transport, wetlands, Forest, wildlife, mines as well as protected areas like national parks for improved management).

### Project Duration

Five (5) years

### Implementing Agency

The Lake Victoria Basin Commission Secretariat jointly with the EAC Partner States.

### Estimated Project Cost

US\$ 300,000

### Contact Information

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