

## TERMS OF REFERENCE OF THE REGIONAL CO-ORDINATOR

The Terms of Reference of the Regional Co-ordinator are:

The Regional Co-ordinator shall:

Under the direction of the project CTA, project senior mapping officer and the lead Technical Unit FAO H.Qs, taking in to account the relevant Africover –East Africa project specifications, time schedule, final users needs and each country capabilities, the expert will:

1. co-ordinate and represent the interests of the National geodetic consultants at a regional level.
2. review the national consultant's working papers on geodesy and national networks. **April 1999.**
3. shall identify the operational procedures to be adopted in the case of absence of an adequate set of control points, which could be derived from existing and available topographic information. For example, maps for suitable image geocoding and geocorrection (including the review of the process of using high resolution space images – Russian and NASA/NIMA block correction approach). **April 1999**
4. prepare a technical working document for submission to each country, which summarises the national consultants, papers and present alternative scenarios in the paper for the calculation of the transformation parameters from local datum into WGS84. ensuring compatibility of projection and spheroids. **May 1999**
5. shall discuss, in advance, of the regional geodetic meeting, with each country the possible solutions and reach a consensus on the positional accuracy's and approach to be recommended to the Regional Advisory Geodetic Co-ordinators committee. The technical solution should be provided on a country by country basis but be harmonised at regional level. **May 1999**
6. will identify and invite through the project management a list of national and regional and international experts to participate in the Regional Advisory Geodetic Committee. **May 1999**
7. will convene the Regional Advisory geodetic committee in May 1999 and lead the presentation through the presentation of the issues and recommendations. **June 1999**
8. will prepare the regional plan of action and modes of implementation – in terms of technical details, staffing, and timeframe. **July 1999**
9. shall review , through the project management and FAO H.Qs, the possible collaboration of external technical assistance for the realization of the plan of action at a national level with international agencies and negotiate their support for the project. **April 1999 onwards.**
10. Shall oversee and participate in the implementation of the national plan of action. **July 1999 onwards.**

11. Shall provide monthly detailed technical reports on the progress of the work to the project management, which shall be distributed to all the countries of the project.

**Qualifications**

1. The Regional Co-ordinator shall be nominated and be fully supported by the NCM.
2. He shall have a minimum MSc degree in Geodesy.
3. At least 10 years experience.

## TERMS OF REFERENCE OF THE NATIONAL REPRESENTATIVES

The Terms of Reference of the National Representatives shall be

The National candidate will:

1. Assess the quality and suitability of available topographic information and ancillary data in the country. **March 1999**
2. Assess the quality, extent and suitability of the horizontal and vertical networks in the country. **March 1999**
3. Assess the national users needs in terms of final map restitution requirements for image geometric correction and processing. **March 1999**
4. Prepare a paper summarizing the status of the geodetic network in the country and propose a mechanism for calculating the shift from local datum to WGS 84 compatible with the requirements and accuracy needs of the project. Submit it to the Regional geodetic co-ordinator within the regional two months of the NCM Feb 1999. **March 1999**
5. Attend a regional advisory geodetic co-ordinators meeting and jointly develop a detailed plan of action, including implementation plan for the accomplishment of preparing/implementing a strategy for the harmonization of a common standard of geodetic datum for the East African countries. **June 1999**
6. Supervise the applications and adoption of the technical solutions recommended by the Regional Advisory Geodetic Committee for his country. **July 1999 onwards**
7. Liaise with the national survey authority and international consultants, where appropriate, and assist in the field data collection. **August 1999 onwards**
8. Provide for the reporting and synthesis of the field works relating to the horizontal and vertical networks.

### Qualifications

1. The candidate should be a recommended, qualified geodetic surveyor whose candidature is proposed by the to the National Focal Point Institute.
2. The candidate should have a minimum BSc degree in survey sciences.
3. The Candidate should have at least 10 years experience in land surveying work related to geodesy.