African Network of Earth Science Institutions

Data collection for the development of various databases of African Earth Sciences learning and research institutions

Call for Proposal
Terms of Reference

Background

In the framework of the UNESCO’s Earth Science Education Initiative in Africa, the African Network of Earth Science Institutions (ANESI) was launched in January 2013 in Addis Ababa during the 24th Colloquium of African Geology. This launch was the culmination of a long bottom-up process that involved a wide range of partners in Earth science research and training in Africa and the community of Earth scientist’s through the Geological Society of Africa (GSAf). As a way forward, UNESCO approached the Swedish International Development Agency (Sida), who availed four-year starting-up funds to implement the activities included in the ANESI Business Plan.

In view of increasing the visibility of Earth science institutions and therefore promote collaboration, exchange and sharing among institutions, UNESCO will conduct a data collection programme to highlight the potentials of African Earth science institutions. The data collected will help developing various databases accessible online. Considering that a good database is critical for the success of ANESI, UNESCO is looking for a consultant to conduct data collection that will avail data and information for use in developing databases for (1) institutions and experts, (2) curricula available in member institutions, (3) research infrastructures, (4) Institutional Journals, annals, reviews, reports, and (5) best practices and applications in Earth Sciences.

Requirements
The applicants must have:

1. Proven records in the field of Earth sciences research and education in Africa;
2. Appropriate networks throughout the African continent.

Terms of reference
The tasks to be undertaken include

i. Conduct a data collection exercise across Africa, to develop databases of:
institutions and experts,
- curricula available in each institutions,
- research infrastructures available in each institutions,
- Institutional Journals, annals, reviews, reports,
- best practices and applications in Earth Sciences

ii. Undertake the data collection exercise within the following constraints:-
- Undertakes the data collection based on a template to be provided by the ANESI Secretariat,
- Targets to cover a minimum of thirty (30No.) countries, but strive to collect data from as many more countries as possible,
- Ensures that the distribution of institutions covered is as geographically diverse and representative as possible,
- Undertakes monthly and ad hoc updates to the ANESI Secretariat on the progress of the activity,
- Makes its resources and networks available to complete the job with the highest quality possible and on time,
- Conducts final data validation and verification (where necessary) of the collected data to ensure quality, validity, and usability.
- Closely liaises and communicates with ANESI secretariat during the course of the implementation.

Deliverables

The deliverables of this task include data collected in an appropriate format. Depending on the type of institution, the data collected will include, but not limited to the following level of information.

Earth Science Teaching/Research Institution/Universities:

1. Experts (field of specialization, research areas, and publications)
2. Curricula (BSc, MSc, PhD, short term, etc.)
3. Research Infrastructure
4. Institutional Journals, annals, reviews, reports
5. Best practices and applications in Earth Sciences

Earth Science Research Centres and Institutes/Geological Surveys:

1. Experts (field of specialization, research areas, publications)
2. Research Infrastructure
3. Institutional Journals, annals, reviews, reports
4. Best practices and applications in Earth Sciences

Earth Science related Industry:

1. Experts (field of specialization, research areas, publications)
2. Research Infrastructure
3. Institutional Journals, annals, reviews, reports
4. Best practices and applications in Earth Sciences

Input of data into the database

The data collected shall be delivered to the ANESI Secretariat using an appropriate media for inputting into the database.

Contractual period

The initial contractual period for this assignment is four months, with possibility of renewal for a mutually agreed period.

Budget

The applicant is requested to propose and submit a costing for this task based of the TORs outlined above.

Deadline for application

Sunday 15 March 2015, 11.59PM GMT+3 Time Zone

All submissions should be sent to:
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