



REPUBLIC OF KENYA
MINISTRY OF REGIONAL DEVELOPMENT AUTHORITIES

EXPRESSION OF INTEREST FOR PROVISION OF CONSULTANCY SERVICES FOR FEASIBILITY STUDY AND DETAILED DESIGN OF THE HIGH GRAND FALLS MULTIPURPOSE DEVELOPMENT PROJECT ON TANA RIVER

The Ministry of Regional Development Authorities (MORDA) has received funding from the Government of Kenya for consultancy services to provide technical assistance for the preparation of the High Grand Falls Multipurpose Development Project. The results of the assignment will be used by the Government to mobilise required resources internally and externally for implementation of the Project within the early Medium Term Plans of the Kenya Vision 2030.

Project title	Consulting services for the Feasibility Study and Detailed Design of the High Grand Falls Multipurpose Development Project on Tana River				
Reference	Procurement Notice / Contract No : MRD/17/2009 -10				
Funding agency	Government of Kenya				
Country	Kenya				
City	Nairobi				
Deadline	Publication date: 2 nd June, 2009		Deadline for submission: 13 th July, 2009		
Client	KENYA - Ministry of Regional Development Authorities (MORDA)				
Project features	-	Multipurpose dam	-	Hydropower	- Irrigation - Water Supply - Fisheries - Water Resources Management

Project description

Consulting Services for: (i) the Feasibility Study of the High Grand Falls Multipurpose Development Project including the dam on the Tana River and downstream water resources developments; (ii) the Detailed Design of the Dam, and related structures, the hydropower plant, and related works and a first phase of downstream water resources projects including irrigation, water supply, and fisheries schemes; (iii) the preparation of tender documents; and (iv) the capacity building of Government / Tana and Athi Rivers Development Authority (TARDA) staff.

1. BACKGROUND

The Tana River is Kenya's largest river with a catchment area extending to some 100,000 km². The basin represents a major contributing sector within the Kenyan economy with over 20% of the national population, a major portion of the country's agricultural potential and is the major source of hydro electric power generation.

The High Grand Falls Multipurpose Development Project is one of the Flagship projects of Kenya Vision 2030 and is slated for implementation during the First Medium Term Plan (2008-2012). Projected demand for the year 2030 puts the potential demands on the Tana River as follows:

- Public Water Supply for a population of approximately 15 million (10 million within the Basin and about 5 million in the Nairobi City and its environs.
- Irrigation expansion of up to about 150,000 hectares, aimed at reducing the existing and rapidly growing population pressures on rain fed lands (year 2020 agriculturally based population in the Basin is estimated to exceed rain fed carrying capacity by 6 million).
- Hydro-Electric Power potential of 800 MW exists on the river. Already there is a substantial investment in the existing stations with the current installed capacity being 453 MW.

The main objective of the High Grand Falls Multipurpose Development Project is to provide a large-Scale Multi-Purpose Water Reservoir catering for Public / Industrial Water Supply, Irrigation, River Regulation, Flood Control and Power Production in order to effectively contribute to the Regional and National Social-Economic development. Other specific objectives are: Sports and Tourism, Inter- and Intra- Basin Water Transfers, Fisheries, Silt Load Reduction and Downstream Ecosystem Conservation and Sustainability.

2. OBJECTIVES OF THE CONSULTANCY

The objective of the consultancy is to assist the Ministry of Regional Development Authorities (MORDA) to carry out through TARDA the Feasibility Study, Preliminary and the Detailed Design for the High Grand Falls Multipurpose Development Project including the dam, hydropower plant and the downstream water resources related developments (irrigation, water supply, fisheries) for purposes of mobilising resources for implementation of the project.

3. SCOPE AND DURATION OF THE CONSULTANCY

The planned Consulting Services in view of implementing the High Grand Falls Multipurpose Development Project will be divided into two steps.

The first step will concern the whole HGF Tana River multipurpose project and include the following:

- Review of previous study / reports
- Feasibility study of the Project
- Preliminary Design

- Social and Environmental Impact Assessment
- Phased programmes for sub-projects to be implemented within the downstream basin (irrigation, water supply, fisheries)

The feasibility study report will be submitted to the Government for examination and approval. After due agreement, and based on the Government recommendations, the Consultant will carry out the second step of services which includes:

- Detailed Design of the multi-purpose dam and hydropower plant and of a first phase of downstream water resources related projects including irrigation, water supply and fisheries.
- Preparation of tender documents for the first phase of the project: dam and appurtenant works, hydropower plant and related works, and first phases irrigation, water supply and fisheries projects at the downstream of the reservoir.

The Consulting Services also include the provision of capacity building for the Government and TARDA staff in planning and designing of multipurpose water resources projects, integrated water resources management within a river basin, management, operation and maintenance of water resources facilities.

The services will be carried over eighteen (18) months period of time. The services will be implemented in two phases (Phase 1: feasibility study; phase 2: Detailed design & tender documents) with an interruption of about 3 months necessary for the Government review of the preliminary design and related feasibility. The second phase will be based on the revised scope of work after feasibility study and Government review.

During the services the Consultant will submit the following reports:

- Inception report
- Interim report
- Feasibility report including: preliminary design; financial and economical analysis; social and environmental analysis; phased development program
- Detailed design reports and drawings for: the reservoir, the hydropower plant and related works; the first phase of downstream water resources development projects: irrigation, water supply, fisheries.
- Tender documents for 1st phase works
- Completion report

4. CALL FOR EXPRESSION OF INTEREST

The Ministry of Regional Development Authorities (MORDA) now invites eligible consultants to indicate their interest in providing consulting services to the Ministry of Regional Development Authorities for preparing the feasibility Study, Detailed Design and tender documentation related to the High Grand Falls Multipurpose Development Project. This expression of interest will lead to short-listing of eligible consulting firm (s) who will be invited to submit proposals.

Interested consultants must provide information indicating that they are qualified to perform the services (brochures, track record, relevant experience, skills among staff etc).

The following selection criteria will be applied to candidates. In the case of applications submitted by a consortium, these selection criteria will be applied as a minimum to the lead firm of the consortium:

- Economic and financial capacity of candidate. In case of applicant being a public body, equivalent information should be provided.

- the average annual turnover of the candidate must exceed Kshs. one billion (EURO 9.2 million); and
- The averages of cash and cash equivalents at the beginning and end of year are positive.
- Professional capacity of candidate : at least 5 staff permanently work for the applicant in the fields related to this contract;
- Technical capacity of candidate:
 - Candidate has successfully implemented at least two projects in the fields relevant to this contract during the past ten years with a minimum budget of Kshs. 150 Million (EURO 1.4 million) and with a minimum participation of 50%
 - Candidate has appropriate experience of implementing projects generally in developing countries and specifically in Eastern Africa.
- Regional presence: the candidate should preferably have a permanent in-country office

Association with local consultant will be an added advantage.

Interested consultants may seek further information, if necessary from:

The Permanent Secretary
Ministry of Regional Development Authorities
P.O. Box 10280-00100
NAIROBI
Tel.: +254-020-2724646 Ext:-142
E-mail psmrd@regional-dev.go.ke

Attention:

1. Charles Mwanda, Director of Regional Development
Tel.: +254-020-2724646, Cell: +254-0722851919
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2. William O. Ogola , Ag. Deputy Director, Regional Planning & Development
Tel.: +254-020-2724646 Ext:-151, Cell: +254-0727145773
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3. Stephen Githaiga, Ag. Managing Director
Tana & Athi Rivers Development Authority
Tel.: +254-020-2216780 / Mobile: +254-0729385110.
email: tarda@tardakenya.org

Completed Expression of Interest, in plain sealed envelopes marked appropriately "Consultancy for The Feasibility Study and Detailed Design for the High Grand Falls Multipurpose Development Project" should be delivered to the address below by the 13th July, 2009, at 12.00 Noon, East African time (+3GMT).

The Permanent Secretary
Ministry of Regional Development Authorities
P.O. Box 10280-00100
Nairobi, KENYA
[www@regional-dev.go.ke](http://www.regional-dev.go.ke)
Tel: +254-020-2724646
Fax: +254-020-2737693

or be deposited in the Tender Box situated on 15th floor, NSSF Building-Block A, Eastern Wing. The opening of the Expression of Interest will be done immediately thereafter in the conference room at the Ministry of Regional Development Authorities on 20th floor, NSSF Building-Block A, Eastern Wing and consultants representative who may wish to witness are invited. Late Expression of Interest will not be accepted.

CHIEF PROCUREMENT OFFICER
FOR: PERMANENT SECRETARY