



WATER RESOURCES COMMISSION, GHANA
International Consultant Wanted
Climate Change Adaptation In Water Resources Management



Background

1. The Danish Development Agency (DANIDA) through a small grant seeks to support the Water Resources Commission (WRC) of Ghana, to implement a 2-year (2009-2010) “Climate Change Adaptation Project” through Integrated Water Resources Management with focus on the three Northern Regions of Ghana.
2. The thrust of the project is to mainstream various aspects of climate change impacts into WRC’s integrated water resources management framework and to further strengthen adaptability towards changes in water resources availability at the basin and community level resulting from climate change and / or variability.
3. The WRC therefore wishes to engage the services of an International Consultant (IC), herein defined as an organisation, entity or a firm and not an individual with office at the WRC head office in Accra, Ghana. Consultancy will span for a total period of 6 months.

Overall Objective

The overall objective of the project is to assess and contribute to climate change adaptation through integrated water resources management in the three Northern Regions of Ghana.

Immediate Objectives

To contribute towards the overall objective, the project is framed around the following specific objectives:

1. Develop adaptive and coping strategies for water resources use and management; and
2. Awareness rising on climate change and information in the Northern Ghana to reduce livelihood vulnerability.

Outputs

1. Strategy document for irrigation and water conservation with respect to climate change developed
2. Flood control and information services further strengthened to facilitate adaptive measures to climate change
3. Involvement of local communities enhanced in assessing their needs for adaptive measures to cope with impacts of severe weather conditions

Responsibilities:

The IC in close collaboration with the National Project Coordinator (NPC) will:

1. Provide technical support to the Project Manager (i.e. the Executive Secretary of WRC) in the general planning and implementation of the proposed project activities at all levels; and
2. Ensure harmonisation and alignment of the project inputs/outputs with other national programs on climate change adaptation to promote synergy and enhance the implementation of the Project.

Specific Tasks (not limited to the following):

1. To provide technical inputs for the development of a strategy to address the potential increase in water for irrigation and promote specific water conservation measures with respect to climate change;
2. Provide technical assistance for modelling the water balance accounts of selected sub-catchments within the White Volta river basin based on the supply sources (e.g. runoff, rivers, groundwater, dams, reservoirs), water transfers and allocation (withdrawal, transmission) and of water demand (irrigation) in relation to the climatic factors, change and variability;
3. Provide technical input focusing on further strengthening of flood control and information services as a platform to facilitate adaptive measures to climate change;
4. Develop an appropriate framework in enhancing the involvement of local communities in assessing their needs for adaptive measures to cope with the impacts of extreme weather conditions;
5. Define and oversee the execution of capacity building and targeted training of WRC and other project staff;

6. Assist in preparing Terms of Reference for the engagement of local consultancies and targeted public agencies (such as Ghana Meteorological Agency and National Disaster Management Organisation); and
7. Assist in preparation of the project's reporting.

Requirements

Consultant's Personnel / Candidate

1. The IC's personnel will comprise exclusively of any person(s) who shall be assigned to perform the specified responsibilities or any part thereof as an input necessary for and directly related to the performance of the overall assignment. Hence, the IC shall be required to draw expertise from the following fields:
 - a. Water Resources Management,
 - b. Environmental Engineering,
 - c. Natural Resources Management, and
 - d. Social/Community Work
2. The selected IC person(s) shall hold an Advanced University Degree in the relevant field from a recognised University / Institution.
3. The person(s) shall preferably have more than 7 years experience with the individual particular specialisation.
4. At least 3 years of this experience shall be from developing countries, preferably in Sub-Saharan Africa.
5. Previous knowledge and involvement in Climate Change Variability and Adaptation program(s) is a necessity.
6. Knowledge in modern tools and approaches to assist rural communities in dealing with climate change and water resource issues
7. Furthermore, he/she shall have experience from advisory work, project management and shall be fluent in English.

Personnel CVs

The name(s), tasks, and outputs for the personnel shall be detailed. The curricula vitae of the proposed person(s) should demonstrate clearly that such person(s), by experience, ability and qualifications, is completely suited for the assignment.

Documents to be submitted

- a. Personnel CV
- b. Company's certificate of incorporation (subject to verification)
- c. A cover letter and completed expression of interest form

Applications sent in hard copy form or by email (MS Word or PDF attachment) should be received before the deadline. Expression of Interest Form is available from: <http://www.wrc-gh.org> or request "Climate Change Consultancy Form" as subject heading from watrecom@wrc-gh.org. **Deadline is 31st July, 2009** and decisions communicated by 7th August, 2009. The Commission's decision will be final.

Submit Complete Application to:

The Project Manager, Climate Change Adaptation
Water Resources Commission
No. E4, Leshie Crescent, Labone Estates
P.O. Box CT 5630, Cantonments
Accra, GHANA