

Terms of Reference (TOR) for

“Develop Disaster Risk Reduction and Climate Change Adaptation mainstreaming guideline for DPHE to design & implement its projects reflecting SOP Developed by WASH cluster”

Introduction and Background:

The Department of Public Health Engineering (DPHE) is the national lead agency for provision of drinking water supply, sanitation hygiene promotion including and waste management in the country excepting Dhaka, Narayanganj, Chittagong, Khulna and Rajshahi cities where WASAs operate. In 2001 safe drinking water coverage dropped to 74% from 97% because of Arsenic contamination in groundwater (Annual Report 2010-2011, LGD. LGRD). Low river flows and increased evapotranspiration in dry period will substantially reduce the amount of available fresh water. In the coastal zone there is an additional effect of saline water intrusion in to the estuaries and into the groundwater as a result of low river flow, sea level rise and local over-extraction. Reduced availability of fresh water will become a serious constraint as that will further be aggravated by growing demand due to population growth, economic development and climate change. Developing alternative options for safe water supply is a priority to address the impact of climate change as well as to ensure continuous supply of clean drinking water. Intensive research and design for alternative options for the community and mainstreaming them in the policy will help to reduce the community risk. Ministry of Disaster Management and Relief has taken initiatives through Comprehensive Disaster Management Programme (CDMP) with the assistance of UNDP to strengthen and integration of disaster risk reduction and climate change adaptation into the programmes, projects and policies through, pilot initiatives, capacity building and policy advocacy. DPHE is one of the implementer of this CDMP II.

There are many alternative options are in the field implemented by government agencies, NGOs and private sectors. Each agency has their own implementation and O & M modality. Under such situation, it is necessary to develop Disaster Risk Reduction and Climate Change Adaptation mainstreaming guideline for DPHE to design & implement its projects reflecting SOP developed by WASH cluster.

Objective of the Consultant.

Develop Disaster Risk Reduction and Climate Change Adaptation mainstreaming guideline for DPHE to design & implement its projects reflecting SOP developed by WASH cluster.

Scope of work of the Consultant.

The specific activities to be undertaken by the consultant include but not limited to:

- Data and information collection about various types of water options installed by DPHE to address the DRR & climate change issue.
- Comparative study on all the technology applied by DPHE for DRR & climate change adaptation.
- Find out the gap of communication among the various part of DPHE during Project Planning.
- Find out the reasons and obstacles behind the lack of coordination among the various government agencies and NGOs.
- Develop DRR and CCA mainstreaming guide line for DPHE to design & implement its projects reflecting SOP developed by WASH cluster.
- Share the knowledge/ findings with Project Director during study.
- Present the draft final report in a meeting/workshop.
- Prepare a training module on the study and present it in training/ workshop.

Qualification and Experiences of key consultant:

- Post graduation in Civil/Environmental/Water Resource/ Sanitary Engineering /Disaster Management or relevant field
- At least 5 years professional experience in Disaster Management/Climate Change Adaptation.
- Preference will be given for having experience of similar research in Water Sector.

Duration of the Assignment:

The duration of the assignment will be for 6 months.

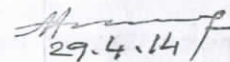



Deliverables:

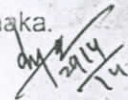
- Inception Report within 15 days of signing contract-5 copies.
- Monthly Report within first week of the next month-3 copies.
- Draft Final Report at the end of the 5th month- 5 copies
- Final Report- 10 copies.

Mode of payment:

- Payment will be given in cash.
- 30% of payment will be given within 15 days after acceptance of Inception Report.
- 30% of payment will be given within 15 days after acceptance of 3rd Monthly Report.
- Rest 40% of Payment will be given within 15 days after acceptance of Final Report.


29.4.14
(Md. Abdul Monnaf)
Executive Engineer
DPHE, Store Division, Dhaka.


23.4.14


24/4/14