

TERMS OF REFERENCE FOR ENGINEER

Contract: PPCR/DHM/S/IND-87			
Project		PPCR- BRCH (Building Resilience to Climate Related Hazards)	
Expertise: Engineer :			
Source	National	Category	Independent

1. Background:

Government of Nepal (GoN) has prepared Strategic Program for Climate Resilience (SPCR), which was approved by Climate Investment Fund (CIF). SPCR has identified four projects for investment in Nepal. One of them is the "Pilot Project for Climate Resilience (PPCR) - Building Resilience to Climate-Related Hazards (BRCH). Components A, B and C under BRCH are being implemented by the Department of Hydrology and Meteorology (DHM), Ministry of Energy, Water Resources and Irrigation (MoEWRI). Component D of the BRCRH is being implemented by the Ministry of Agriculture and Livestock Development (MoALD). A dedicated Project Management Unit (PMU) has been set up at DHM for the implementation of project components A, B, and C.

The project aims at upgrading hydro-meteorological network, weather forecasting system and flood forecasting system. The process involves acquiring private and/or public land, construction of buildings and establishment and operation of telecommunication systems including radar. Assessment of social and environmental impacts considering the losses of agriculture products, deforestation, loss of natural habitats, impacts on indigenous population, electromagnetic radiation of telecom equipment, security of installations are some of the important social and environmental aspects of the project.

For overall survey, design, cost estimate and construction related works of the DHM BRCH project activities, DHM requires consulting service from individual consultant with the capacity of Civil Engineer.

Objective/Purpose of the Assignment:

The consultant will prepare and provide technical input particularly in civil engineering plan, survey, design, estimating & costing, preparation of tender documents, construction supervision, monitoring and reporting of site activities and progress; and will work closely with the other team members in overall implementation of the project. He will work directly under the guidance and close supervision of the National Project Director/Assistant Project Directors.

Scope of Work:

The incumbent will plan design and manage construction projects, these can be range from hydrological and meteorological stations establishment, upgrading, maintenance and repair to supervision and checking of construction activities including DHM new building. S/he is also responsible to assist contract management works at DHM. S/he will work closely with I) the Project Management Unit (PMU) for the Building Resilience to Climate Related Hazards (BRCH) Project, Department of Hydrology and Meteorology (DHM), II) the Province/Regional/Basins and District

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