

Government of Nepal
Ministry of Science, Technology and Environment
Department of Hydrology and Meteorology (DHM)
Building Resilience to Climate-Related Hazards (BRCH) Project, Kathmandu
(Pilot Program for Climate Resilience - PPCR) Project ID. No. P127508

REQUEST FOR EXPRESSIONS OF INTEREST
(First Publication date: 29-07-2015)

COUNTRY: Nepal

NAME OF PROJECT: BUILDING RESILIENCE TO CLIMATE-RELATED HAZARDS (BRCH) PROJECT

Grant No.: TF 013665-NEP Loan No: TF013557

Assignment Title: ESTABLISHMENT OF "END-TO-END" FLOOD EARLY WARNING SYSTEM IN KOSHI AND WEST RAPTI RIVER BASINS TO SUPPORT AND STRENGTHEN DISASTER RISK MANAGEMENT

Reference No. PPCR/DHM/S/QCBS-34

The Department of Hydrology and Meteorology has received for financing from the World Bank toward the cost of the Building Resilience to Climate-Related hazards Project and intends to apply part of the proceeds for consulting services. The project aims to strengthen the capacity of the Department of Hydrology and Meteorology to meet Nepal's need for timely and accurate weather, climate and water related information and alert services.

The main objective of this assignment is to reduce the loss of lives and properties from flood hazard by improving the capacity of DHM in developing and implementing effective people-centered early warning system.

The consulting services ("the Services") include

Development of a model for an effective "End to End" Early Warning System with robust methodological framework, review of the adequacy of the observation network for real time flood forecasting, delivery of information, monitoring and risk assessment.

Establishment of a fully operational real time "End to End" Flood Forecasting and Early Warning System (FFEWS) while ensuring that flood warnings are disseminated to communities at least 72 hours (expected lead time) before flood events in the Koshi and West Rapti river basins

The Implementation period is within **24 months** from the date of signing the contract.

Details of the services are included in the Terms of reference which may be obtained from DHM/BRCH or can be downloaded from website of the Department of Hydrology and Meteorology (www.dhm.gov.np/notices).

The DHM/BRCH now invites Expression of Interest from eligible consulting firms ("Consultants") who have at least 5 years of working experience in designing, establishing and operating EWS for flood disaster risk management. This experience should be in basins of similar subtropical climate, preferably in South and Southeast Asia, in addition to other international experience.

Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The other short listing criteria beside other than mentioned above are:

- Knowledge in modeling, in web-based data portal for managing and disseminating hydro-meteorological information, forecasts and warnings.
- Development of the framework of the FMIS (Flood Management Information System) cell with a suite of models for flood forecasting and warning system.
- Preparing Standard Operating Procedures and warning protocols in close consultation with stakeholders including communities.
- Experience in planning training and drills among executing agencies stakeholders and communities for emergency preparedness and response and having work experience to mobilize the community to ensure their participation.
- Strong commitments from all Team members to be available at respective sites during call of duty in time irrespective of remote locations as necessary.
- A sound understanding and knowledge of WMO guidelines and practices as well as hydro-met regulatory frameworks in other countries (developed and developing) will be an asset

The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank's Guidelines: Selection and Employment of Consultants [under IBRD Loans and IDA Credits & Grants] by World Bank Borrowers [April 2015] ("Consultant Guidelines"), setting forth the World Bank's policy on conflict of interest.

Consultants may associate with other firms in the form of a joint venture or a sub-consultancy to enhance their qualifications.

Interested firm/s must submit its **business/professional registration certificate/s along with its confirmed validity period to date, Tax Clearance Certificate up to 2013/14(2070/71), VAT/PAN Registration Certificate duly certified by a notary as per law of country and Self Declaration Letter of not being ineligible up to submit Date.**

Firms shall be assessed and compared using criteria relevant to assignment as stated in Terms of Reference, hence the firm shall submit documents required to support with evidence so as to demonstrate the qualification and experiences of the firm.

A Consultant will be selected in accordance with the QCBS [Quality- and Cost-Based Selection] method set out in the Consultant Guidelines.

Further information can be obtained at the address below during office hours [10:00 to 17:00 hours].

Expressions of interest must be delivered in a written form to the address below (in person, or by mail, or by e-mail).

Last date of submission: 13-08-2015 at 12.00 PM

Opening date of EOI: 13-08-2015 at 14.00 PM

If the last date of submission happens to be holiday, the next working day will be the last date for submission. BRCH/DHM reserves the right to shortlist or not to shortlist any or all the firms without assigning any reason whatsoever.

Department of Hydrology and Meteorology

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