

Government of Nepal
Ministry of Population 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
(Re-Advertisement: 10th July 2017)

COUNTRY: Nepal

NAME OF PROJECT: PPCR: Building Resilience to Climate Related Hazards Project

Grant No.: TF 013665-NEP Loan No: TF013557 **Reference No:** PPCR/DHM/S/CQS-42

Assignment Title: Consultancy Service for Implementing and commissioning of a NWP system at the Department of Hydrology and Meteorology

The Department of Hydrology and Meteorology has received 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 improve DHM's capacity to provide short term weather forecast by establishing an operational high resolution local area NWP system to provide improved guidance for weather forecasting and to help assessment of rapidly developing severe weather situations. A specific use of the high resolution NWP forecast in the BRCH project is to provide quantitative precipitation forecasts (QPF) for flood forecasting and there-by increase lead time for flood warnings.

The specific objectives of the consultancy are:

- i) To implement an operational regional NWP system on DHM High Performance Computing (HPC) platform
- ii) To train DHM personnel to develop and maintain the system in their computational platform;
- iii) To train DHM personnel to understand the scientific background of WRF- model.

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

The DHM/BRCH now invites eligible consulting firms ("Consultants") having

- (i) Company standing of at least 5 years in consulting services.
- (ii) Should present at least 3 references on implementing operational NWP systems.
- (iii) The model code shall be based on open source WRF-model (EMS version preferably).
- (iv) The Consultant shall furnish a list of users, who purchased similar system/service in last 5 years, they will be used as reference to check the performance of the offered system.

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 [January 2011, revised July 2014] ("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 form registration certificate/s along with its confirmed validity period to date, Tax Clearance Certificate up to FY 2015-16(2072/73), Self Declaration of not being blacklisted, VAT/PAN Registration Certificate duly certified by a notary* as per law of country.

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 CQS [Selection based on Consultant Qualification] method set out in the Consultant Guidelines. Only the selected firm shall be asked to submit a combined technical and financial proposal and, if such proposal is responsive and acceptable, be invited to negotiate a contract. Both technical and financial aspects of the proposal may be negotiated.

Further information can be obtained at the address below during office hours [10:00 to 16:00 hours].

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

Last date of Submission: 9th August 2017 12:00 noon

Opening Date of EOI : 9th August 2017 01:00 PM

If the last date of submission happens to be holiday, the next working day will be the last date for submission.

DHM/BRCH reserves the right to shortlist or not to shortlist any or all the firms without assigning any reason whatsoever.

Attn: Mr. Shiva Nepal, Chief Procurement Unit, DHM

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