

**REQUEST FOR EXPRESSION OF INTEREST
(CONSULTING SERVICES– CONSULTING FIRM SELECTION)**

Uttarakhand Disaster Recovery Project (UDRP)

Credit No.5313 - IN

Reference: GPN dated 21/9/2013

Assignment Title: Selection of Consulting Firm for Design, Development, and Operation of Modular Decision Support System for Disaster Risk Management

Reference No.: IN-PIU-CBDRM-6239-CS-QCBS

Date: 08/03/2017

The Government of India has received financing from the World Bank towards the cost of Uttarakhand Disaster Recovery Project (UDRP) in Uttarakhand, India and Project Implementation Unit for Technical Assistance on Capacity Building on Disaster Risk Management (PIU-TA-CBDRM), the implementing agency for Disaster Risk Management component, intends to apply part of the proceeds for consulting services.

Through this consulting service the PIU intends to engage a Consulting Firm to design, develop, and operate a Modular Decision Support System (DSS) for Disaster Risk Management and risk-informed development planning at the Uttarakhand State Disaster Management Authority (USDMA). The envisioned DSS is expected to integrate real-time, historic, and baseline information from various sources to offer a common platform to the GoUK decision-makers for hazard monitoring and situation awareness, disaster preparedness planning, disaster forecasts and early warning, impact assessments, response and search & rescue coordination, and other actionable information. The DSS will facilitate coordination and collaboration in effectively deploying resources, manpower, and expertise for risk mitigation (before disasters), response (during and after disasters), and post-disaster recovery planning in view of the state's high vulnerability to flash floods, floods, landslides, and earthquakes. The modular design of the DSS will also allow to monitor and manage the state's response to accidents and forest fires in close coordination with the responsible line departments.

The DSS will be operated and used by the Uttarakhand State Disaster Management Authority (USDMA) and District Level Disaster Management Authorities. The use of the system will extend to various other departments and agencies involved in disaster risk management and relief such as the State Disaster Response Force (SDRF), Fire and Emergency Services, Public Works, Irrigation, Forest, Police and Tourism Departments.

The following are the expected components of the Modular DSS.

- **Database:** Extract-Transform-Load (ETL) tools, Disaster Risk Management Database and Application Programming Interfaces (APIs)
- **Analytical Modules:** Flash Flood Module, Flood Module, Landslide Module and Earthquake Module
- **End User Applications:** Disaster Management, Char-Dham Yatra Tracking and Disaster Response
- **Mobile Applications:** Field Operative App and SMS Services

Through this consultancy, the database, modules, and applications need to be designed for both online and offline use (offline use should be available at the Dehradun and District Headquarter locations) - as internet connectivity can be disrupted in real-life disaster scenarios. The contract term would be 2 years for design and development of the modular (DSS) and an additional 2 years for the operation and maintenance of the DSS. The firm will also build capacity in the government for operation and maintenance of the system. Draft Terms of References for the consultancy are given in website www.ukdisasterrecovery.in or www.dmmc.uk.gov.in

PIU-TA-CBDRM invites eligible Consulting firms (“Consultants”) to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The shortlisting criteria are:

- The consulting firm should have successful track record of designing, developing and operation of Decision Support Systems for Disaster Management / GIS systems for Disaster Management / Flood Early Warning Systems; for three similar assignments in India or abroad in past 5 years.
- The consulting firm should have proven expertise of working with hydro-meteorological data for floods for 2 similar assignments.
- The selected consultant should have staff capacity to provide onsite operation and maintenance support at Dehradun for all components of the Decision Support System.

Expressions of interest (EOI) must include the following:

- Introductory letter on letter head (with complete contact details – name of contact person, mailing address, telephone, fax, email etc) explaining how the firm is best to deliver the task.
- Organization profile.
- Last three years audited annual report and three years’ financial statement.
- Short note along with photographs on the similar projects implemented by the Consultancy Firm pertaining to the shortlisting criteria.
- The EOI should contain sufficient supporting document to substantiate the claim of the Consultant towards their qualification as per the shortlisting criteria.

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 (“Consultant Guidelines”), setting forth the World Bank’s policy on conflict of interest.

Consultancy Firm may associate with other consultants in the form of a joint venture or a sub-consultancy to enhance their qualifications. Such association should be clearly stated in the EOI. Selection will be based on **“Quality and Cost Based Selection Procedures”**.

Further information can be obtained at the address below during office hours between 1000 hours to 1700 hours.

Expression of Interest must be delivered in a document form (hard copy or electronic-pdf) at the address or mail id given below (in person, by post or by email) latest by **1700 hours on 28/03/2017**

Program Manager
Project Implementation Unit TA & CBDRM,
Uttarakhand Disaster Recovery Project (UDRP),
Plot No. 29, SIIDCUL Building, IIE (IT PARK),
Sahastradhara Road, Dehradun, Uttarakhand,
Pin Code-248001, Tel/Fax: +91-135-2708358
E-mail piu.wb.drm@gmail.com
Website: www.ukdisasterrecovery.in

STRUCTURED QUESTIONNAIRE FOR DESIGN CONSULTANT
(TO BE SUBMITTED ALONG WITH EOI)

General Particulars of CONSULTANT

Name of the CONSULTANT	
Registered Address	
Phone No:	
Email id:	
Name of the Contact Person for this EOI	
Phone no. of the Contact person for this EOI	
Email id of the Contact person for this EOI	
Branch offices if any	
Date of CONSULTANT establishment	
Number of full time partners	
Fellow	
Associate	
Number of full time qualified staff	
Number of other staff who are semi qualified/unqualified	

Financial Particulars of the CONSULTANT

Financial Year	Turnover from Geology/Engineering works	Turnover from other Activities	Total Turnover

“Turnover” would mean the professional fee earned excluding service tax and travelling, if billed separately.

Partners Brief Profile

Name of Partner/ M.No.	Age	Associate/ Fellow	Years of post- qualification experience	Qualification	Years of experience as signing partner	Name of Clients handled	Number of years associated with the DESIGN CONSULTANT (post qualification)

Full Time Qualified Staff Brief Profile

Name of Staff/M. No.	Age	Years of experience	Qualification	Number of Years associated with the CONSULTANT (post qualification)	Brief nature of work done

Other Staff Brief Profile

Name of Staff	Age	Years of Experience	Qualifications	Number of Years Associated with the firm	Assignments where the staff has worked with year

Relevant assignments – Last five years

Name of Project /Agency Audited	(1) Funded by Multilateral / Bilateral funding agency;[(2) Agencies implementing government projects (other than above); Or (3) Public sector undertakings in the same sector Please specify 1, 2, 3	Client Name	Nature of Work	Year of Work Done	Partner	project Expenditure	Professi onal fees