

**Strengthening Flood Modeling Capacity in Water Resources Department (WRD), Bihar**

**Request for Expression of Interest**

**No: WRD/FMISC/SAWI/EOI/02/2015-2016**

**Dated: 18<sup>th</sup> March 2016**

The Flood Management Improvement Support Centre (FMISC), Water Resources Department, Govt. of Bihar, Patna has received a 'Grant' under the South Asia Water Initiative (SAWI) Trust Fund of the World Bank and intends to apply part of the proceeds of this 'Grant' for payments for ***“Consultancy to install, collect and supply data from Gauge-Discharge Sites in Bagmati-Adhwara Basin”***.

2. The objective is to select locations and install stage/discharge gauge sites, collect stage/discharge data during the consultancy period at specified frequency, and supply such data at specified interval and at end-of-season for use in flood modeling.
3. The Consultant's services will consist of the following:
  - i) The objective is to select and install stage/discharge gauge sites, collect stage/discharge data during the consultancy period at specified frequency, and supply such data at specified interval and at end-of-season for use in flood modeling,
  - ii) Establish site including survey of cross-section at each site, establishing precise location and datum and description, and setting up graduated staff/s for manual observation or sensors with AWLRs/DWLRs. The most-cost-effective solution would be selected, and make necessary logistic arrangements to maintain the sites during 2016 flood season, and to measure/collect stage data, and
  - iii) Conduct discharge measurements through ADCPs or current meters, develop rating curve, observe stage data, convert stage data to discharge, and supply the stage-discharge data every week through the flood season, and the compilation for the whole season.
4. The draft Terms of Reference (TOR) is uploaded on the websites <http://fmis.bih.nic.in> and <http://wrd.bih.nic.in>.
5. The FMISC, Patna invites eligible Consultants to indicate their interest in providing the Consultancy Services for the above assignment.
6. Interested Consultants must provide the following information indicating that they are qualified to perform the services: Brochures, description of similar assignments, demonstrated capacity in network implementation, availability of skills among key staff, etc.
7. Consultants may associate to enhance their qualifications. [The “Association” may take the form of a **Joint Venture** (with joint and several liabilities) or of a **Sub-Consultancy**. This should be **clearly stated** in the EOI submission.]
8. The criteria for short listing of the Consulting firms shall be as follows:
  - The firms should have been in similar business since at least 5 years
  - The firms shall be financially sound with an average annual turnover of more than INR 3,00,00,000 during the last five years (2010-11 to 2014-15), and
  - The firms should have at least two similar experiences in designing, implementing and operationalizing hydrological network
9. A consultant will be selected in accordance with Quality and Cost Based Selection (QCBS) procedures set out in 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”. The Guidelines are available at [www.worldbank.org/procure](http://www.worldbank.org/procure).
10. Interested Consultants may obtain further information at the address given below from 10.00 – 17.00 hours (IST) on all working days. This notice for Expression of Interest has also been posted on websites <http://fmis.bih.nic.in>, <http://wrd.bih.nic.in>, <http://www.prdbihar.gov.in> and <http://tenders.bih.nic.in>.
11. Expression of Interest with all relevant information and documents must be submitted and subscribed “Expression of Interest for - ***“Consultancy to install, Collect and Supply Data from Gauge-Discharge Sites in Bagmati-Adhwara Basin”*** on top of a closed envelope and be delivered to the address below by not later than 15:00 hours (IST) on **Tuesday, 12<sup>th</sup> April 2016**. In event this last date being declared as holiday by the State Government, due date for submission of EOI will be the next working day up till the same appointed time.

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