

**Government of Bihar
Water Resources Department**

**India: Bihar Kosi Basin Development Project
Loan: IDA 5696-IN**

**Request for Expression of Interest
for
Consultancy Services for Management Support to the Mathematical Modelling Centre (MMC) for
Water Resources Research & Development under Water Resources Department,
Government of Bihar**

Ref No- IN-BIHAR/BAPEPS/WRD/Consultancy/EoI/01/2016-17

1. The Government of India has received a credit of US\$ 250 million equivalent from the International Development Association (IDA) towards the cost of Bihar Kosi Basin Development Project and intends to apply part of the proceeds of the Consultancy Services **for Management Support to the Mathematical Modeling Centre (MMC) for Water Resources Research & Development under Water Resources Department, Government of Bihar.**
2. Water Resources Department, Government of Bihar is setting up a Centre for Water Resources Research & Development in two stages viz: (i) Mathematical Modelling Centre at Patna, and (ii) Physical Modelling Centre at Birpur (Supaul). The overall objective of the proposed Consultancy Services is to develop sustainable internal capacity in the Water Resources Department to independently carry out mathematical modelling for various facets of water resources development including flood and sediment management, erosion management of Ganga basin in general and rivers of Northern Bihar like Kosi, Bagmati, Mahananda and Gandak in particular.
3. Flood Management Improvement Support Centre (FMISC), now invites eligible consultants to indicate their interest in providing the services. Interested Consultants must provide information indicating that they are qualified to perform the Services (brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, Name, address, contact particulars, ownership and organization structure, details of core business and years in the business, name and qualification of experts likely to be associated, Financial statement for the last three years; details of similar and related assignments, performance certificates from clients for similar or related assignments executed in the past etc.).
4. **The criteria for short listing Consulting firms shall be as follows:**
 - The firm should have been in consulting business for at least 10 years.
 - The firms shall be financially sound with an average turnover of more than INR 200 million during the previous five years.
 - The firm should have experience of similar/related assignment including in studies of rivers basin that incorporate: flood and sediment modelling and management, inundation mapping, impact forecasting, early warning generation and dissemination systems, GIS/database management, etc.
 - The firm should have experts with expertise in: Hydrological and Hydraulic Modelling, River Morphology, Decision Support System Development, Institutional Development, Management Support, Training, etc.
 - The firm should preferably have working experience with externally funded projects e.g. World Bank, ADB etc.
5. 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 the World Bank Borrowers (Consultant Guidelines, dated January 2011 and revised in July 2014) setting forth the World Bank's policy of conflict of interest.

6. Consultants may associate to enhance their qualifications. [The “Association” may take the form of a joint venture (with joint and several liability) or of a sub-consultancy].
7. The Consultants will be selected in accordance with the **Quality and Cost Based Selection (QCBS)** procedures set out in the World Bank’s *Guidelines: Selection and Employment of Consultants under IBRD Loans & IDA Credits & Grants by World Bank Borrowers, dated January 2011 and revised in July 2014* available at www.worldbank.org/procure.
8. The draft terms of reference is available on website <http://fmisc.bih.nic> & <http://wrd.bih.nic.in>. Interested Consultants may obtain further information at the address given below from 10.00 – 17.00 hours 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://prdbihar.gov.in> and <http://tenders.bih.nic.in>
9. Expression of Interest with all relevant information and documents must be submitted superscripted “Expression of Interest for **Consultancy Services for Management Support to Mathematical Modelling Centre (MMC) for Water Resources Research & Development under Water Resources Department, Government of Bihar** on top of a closed envelop to the address below by not later than March 16, 2017 Time: 16:00 Hrs. In event this last date being declared as holiday by the State Government, due date for submission of above EoI will be the next working day at the same appointed time.

(NaganPrasad)

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