

Office of the Director
State Dam Safety Organisation,
Address: -Water Resources Department, JalSansadhanBhawan,
Block-B, 3rd Floor, Anisabad, Patna-800002
Government of Bihar
E-mail ID: -sdsobihar@gmail.com

Memo No.- राज्यांतरांकार्य-09(II) / 2024-

Date: /01/2026

Short Term EoI Notice No. - 11/2025-26

Expression of Interest for providing Consultancy Services for “Conducting Reservoir Hydrographic Survey, Sedimentation Survey, Estimation of Revised Design Flood, Preparation of EAP with DBA and Preparation of O&M Manual of 18 Specified dams in Bihar for Package 06”.

1. **Water Resources Department, Government of Bihar** invites experienced consulting firms to submit their Consultancy Services for “Conducting Reservoir Hydrographic Survey, Sedimentation Survey, Estimation of Revised Design Flood, Preparation of EAP with DBA and Preparation of O&M Manual of 18 Specified Dams in Bihar for Package 06”.
2. **Interested Consultants may upload/submit their proposal as scheduled below: -**

Sl. No.	Information	Detail
1.	Website for submission of online offer	https://eproc2.bihar.gov.in
2.	Date and Time for submission of online offer.	19/01/2026 to 02/02/2026 Upto 15:00 hrs(IST)
3.	Date and Time for opening of offer.	15:30 PM on 02/02/2026

3. **The objective of consultancy:** Conducting detail site investigations, survey and data collection, performing detailed studies to assess technical, hydrological, and environmental aspects to develop long-term operational and maintenance strategies to prepare a detailed O&M Manual. Undertake comprehensive hydrological and hydraulic revision studies of the dams to assess their safety and performance. Preparation of the emergency action plan (EAP) including Dam Break Analysis with practical Evacuation plan and an Inundation plan to be implemented by the District Disaster Authority/State Disaster Management Authority (SDMA) in case of emergency. Estimation and study the sedimentation behavior of reservoir created by dam/barrage in various zone including horizontal as well as vertical zone& to upgrade area-elevation-capacity (AEC)table/curve and develop a contour map of reservoir beds for the list of specified dams and the studies/work as specified in the Package.

The consulting firms will prepare project reports including various documents as mandated by Dam Safety Act, 2021 and will be in accordance with prevailing guidelines of Central Water Commission (CWC), New Delhi and approval on revised designed flood and other necessary components from the CWC.

4. **Interested firms should possess the following qualifications:**
 - Proven experience in design, planning and management of water resource projects related to dam safety.
 - Capabilities in geography/geo-informatics with specialization in Remote Sensing and GIS.
 - Good Knowledge of Government procedures/policies for environment/social safeguards/Dam Safety.
 - Proficiency in software such as HECRAS and QGIS.
 - Previous experience in conducting reservoir Hydrographic Survey & Sedimentation Survey, preparing Revised Design Flood Report, EAP, O&M manual for similar project and its clearance from CWC, New Delhi (if required).

5. **Firms interested in submission of interest must submit the following:**

- A company profile detailing previous projects and experience.
- Evidence of technical and professional capability (certificates, awards, and references).
- A brief proposal outlining the approach and methodology to the project scope.
- Any other documents that support the firm's qualifications and expertise.

Shortlisted firms will be evaluated based on technical expertise, project experience, financial stability, and compliance with legal and ethical standards.

6. Eligibility & Evaluation Criteria:

- a) The firm must have at least 5 years of experience in Dam Safety studies/works including Dam Break Analysis, preparation of Emergency Action Report, preparation of O&M Manual, Various Surveys (drone, DGPS, bathymetry) and having valid incorporation/Registration certificate along with valid PAN, GST, EPF registrations, Power of Attorney for authorization to participate in tender (if applicable), and declaration of Non-Blacklisting/ Debarred.
- b) The firm must have minimum experience in preparation of Dam Safety related studies/works of cost of at least INR 0.5 Crore or more in the last 5 years.
- c) The firm must have minimum audited Average Annual Turnover (AAT) of INR 0.5 crore from consultancy Service in the last five financial years i.e. 2023-24, 2022-23, 2021-22, 2020-21 & 2019-20.
- d) The firm must have experience in Conducting Reservoir Hydrographic Survey & Sedimentation Survey, preparing Revised Design Flood Report, EAP, O&M manual for similar project.
- e) **The firm must have at least one key personnel on regular payroll in each of the following categories: -**
 - i) Water Resources Expert having 5 years' experience in relevant field with Post-graduate in Water Resources Engineering or equivalent.
 - ii) Hydrology/hydraulic Expert having 5 years' experience in relevant field with Post-graduate in Civil Engineering/Water Resources Engineering or equivalent.
 - iii) Survey or investigation engineer having 5 years' experience with graduation or diploma in civil engineering.
 - iv) Environmental/social expert having 5 years' experience of working in relevant field with Post graduate in Environmental sciences/Engineering or closely related field. Good knowledge of government procedures/policies for environment/social safeguard is a prerequisite.
 - v) Remote sensing and GIS expert required Geography/Geo-informatics specialization in Remote Sensing and GIS with 5 years of experience in water resource engineering sectors including Geo-data base management or Bachelor in engineering/MCA/Master degree in geography/geo-informatics with 5 years of experience of GIS application in water resources.
 - vi) Dam Break Analysis and Emergency Action Plan Engineer who has minimum five years' experience in hydrological and hydraulic modeling using relevant advance modeling tools, Dam Break Analysis, Flood Routing, Inundation Mapping, preparation of Emergency Action Plan etc. Preference may be given to a master's degree.
 - vii) Resident Project Coordinator who has Bachelor's degree in civil engineering with at least ten years' depth experience of working in water resources sector of Bihar and also have good knowledge of software's such as HECRAS and QGIS.
- f) The firms, who successfully meet the above criteria, will be shortlisted for further activities.

* Package 6-Chief Engineer, Irrigation Creation, Muzaffarpur

7. Interested consultants may obtain further information from: -

Director, State Dam Safety Organisation, Anisabad, Patna-800002, Water Resources Department, Government of Bihar, E-mail: sdsbihar@gmail.com from 10:30 to 17:00 hours (IST) on all working days.

8. This EoI notice will also be available on websites <https://wrdbihar.gov.in>, <http://prdbihar.gov.in>, and <https://eproc2.bihar.gov.in>.

9. e- procurement details -

a) The BSEDC Processing Fee of Rs. 590/- (Rupees Five Hundred Ninety only) inclusive of all taxes must be paid through e-payment mode only by online payment gateway.

b) For any support related to the e-procurement process, agencies may contact at following toll-free no. or address-

Toll Free No. 1800 572 6571, Email Id:eproc2support@bihar.gov.in, Address: junction services limited, RJ Complex, 2nd Floor, opposite Vidyapeeth Institute, Khajpura, Ashiana Road, P.S. Shashtri Nagar, Patna-800014.

10. The EoI opening and evaluation will be done through online mode only.

11. The Water Resources Department, Govt. of Bihar will not take any responsibility for delay/Non-Submission of EoI or Non-Reconciliation of online payment caused due to Non-availability of Internet connection, Network Traffic/Holidays or any other such reason.

12. Any corrigendum or extension of dates will be published on the above e-Procurement website only. Consultant must check the website (e-proc 2.0) regularly

13. The undersigned reserves the right to cancel the EoI (Expression of Interest) without assigning any reason.

14. The Consultant must assign page no. to all the documents uploaded with their offer duly signed and stamped by their authorized representative.

Sd/-

(Deputy Director-1)

State Dam safety Organisation, Patna

Memo No.- राज्य सुरक्षा कार्य-52/2025 (भाग-II)- 26

Date: १० - ०१ - २०२६

Copy to: Public Relation Officer, Water Resources Department, Patna for kind information and to publish in the all relevant newspapers.



10.01.26

(Deputy Director-1)

State Dam safety Organisation, Patna