




Sub: Regarding Empanelment of Technical Experts for Dam Safety under NDSA as per the Dam Safety Act, 2021

With reference to the above subject matter, the approved 'Detailed Advertisement' with Google Form Link and QR code for 'Recruitment Form' is enclosed herewith for uploading the same on the CWC website under the 'Dam Safety Act' Tab so that it can be accessed by the interested candidates.

This is for kind information and further necessary action at your end.

This issues with the approval of Member (Technical), NDSA.

Enclosed: As Above


30/01/2023
(Samir Kumar Shukla)
Director, BCD(N&W)

Director, SMD, CWC, Sewa Bhawan, New Delhi-66
F. No. 3/1/2022/NDSA/M(T)/ 33-42 dt. 30. 01. 2023

Copy to: -

1. PPS to Chairman, NDSA & Member (D&R), CWC
2. Member (Technical), NDSA and Chief Engineer (N&W), CWC
3. Member (Policy & Research), NDSA and Chief Engineer, DSO, CWC
4. Member (Regulation), NDSA and Chief Engineer (East & North East), CWC
5. Member (Disaster & Resilience) and Chief Engineer (NW&S), CWC
6. Shri Sarbjit Singh Bakshi, Director, NDSA Secretariat, New Delhi

Copy along with the detailed advertisement for circulating the information in respective regions:

1. Sh. Bhupesh Kumar, SE(C), IBO & Regional Director NR, NDSA, Block 4, 6th Floor, Kendriya Sadan, Sector 9A Chandigarh, e-mail: [secochandigarh-cwc@nic.in]
2. Sh. R. Thangmani, Director (Mon) CSRO & Regional Director, SR, NDSA, Neervalam, R-81, TNHB Colony, West Velacherry, Chennai. E-mail: [dirmoncoimbatore-cwc@nic.in]
3. Sh. Sudhir Kumar, Director (M&A), BBO & Regional Director, E&NE R, NDSA, CWC Complex, 2nd Floor, P.O.- Guwahati University, Guwahati. E-mail: [dirnaguwahati-cwc@nic.in]
4. Sh. Umbarje Harish Girish, Director (M&A), MCO & Regional Director, WR, NDSA, NINA, Sinhgad Road, Khadakwasla, Pune. E-mail: [dirmapune-cwc@nic.in]

Government of India
National Committee on Dam Safety
Ministry of Jal Shakti

Empanelment of Technical Experts for Dam Safety as per the Dam Safety Act 2021

The Government of India has notified Dam Safety Act (DSA) 2021 in December 2021 for surveillance, inspection, operation and maintenance of the specified dam for the prevention of dam failure-related disasters and to provide an institutional mechanism to ensure their safe functioning and for matters connected therewith or incidental thereto. Several Institutional bodies and committees have been set up as per the act both at the Central and State level for implementing the provisions of the act.

As the spectrum of issues involved in ensuring Dam Safety is vast and technical, it has been decided to constitute a national-level database of experts who can provide technical inputs to the states and NDSA on dam safety-related issues. The following technical sub-domains have been identified for the experts

| S.No. | Subject | DomainArea |
|--------------|---------------------|--|
| 1 | DamSafetyManagement | DamBreakAnalysisDownstream InundationRiskClassification DisasterManagementActions DamSafetyManagementApproach |
| 2 | HydraulicSafety | UpstreamPrecipitationWater Catchments OvertoppingofDams |
| 3 | HydrologicalSafety | ReservoirCapacity SiltmechanismsandprofilesDe- siltneedandtechniques |

| | | |
|---|---|--|
| 4 | Structural Engineering and Earthquake Safety | Seismic Hazard Assessment Structural Analysis Structural Design Structural Vulnerability Structural Risk Assessment Structural Safety Evaluation Earthquake Instrumentation Continued Operations of: (a) Appurtenant Structures, and (b) Penstocks and Outlets |
| 5 | Geological, Geophysical and Geotechnical Safety | Dam Foundation Reservoir Rim Stability |
| 6 | Hydro-Mechanical and Electrical Systems Safety | Locking of Gates Spillways and Energy Dissipaters Outlets Water Level Monitoring Hydro-power Generation Grid Failure Flooding of Power Stations |
| 7 | Monitoring and Instrumentation | Sensors: Monitoring of Dams Technical Software: GIS, Flood Routing, Dam Break Analysis, Seismic Structural Analysis, etc. Telemetry: Wireless & Wired Systems, Computer Sensors, etc. |
| 8 | R&D and Standards Development | Scrutiny of R&D Proposals on specific domains received for funding from Industry, academia & research organizations Research through Doctoral Programs |
| 9 | Capacity Development | Human Resource Requirement Resource Persons & Master Trainers Resource Materials Model Curriculum for degree programs Training of Engineers in different subjects (Post-Graduate Diploma Programs in Dam Safety; 1-day Sensitization Programs on specific themes) |

Eligibility Criteria:

| | Item | Description |
|----|---------------------------|---|
| 1. | Experience | Minimum 15 years of experience in the respective domain |
| 2. | Age Limit | Should not be exceeding 75 years. Should be able to visit dam sites and undertake dam inspections. |
| 3. | Educational Qualification | BE/B-Tech (Civil) except S. No.6 domain For S. No. 6 - BE/B-Tech (Mechanical) |
| 4. | Job Description | <ol style="list-style-type: none">1. Provide technical guidance & solutions on the subject of dam safety; and2. Prepare and finalize the guidelines on the subject matter based on state-of-the-art technology and established national and international practices.3. To inspect dams and identify issues related to dam safety and suggest remedial measures. |

Additional Information/Important Instructions:

1. The posts carry all India movement liability. Therefore, those who are willing to move anywhere in India, as per the need, may only apply.
2. Additional details are available at the website of the Central Water Commission or the office of Member (Technical), NDSA, Sewa Bhawan, Sector-1, R. K. Puram, New Delhi-110066, E-mail: bcdnw-cwc@nic.in
3. Experts shall be entitled to draw remunerations/TA/DA as decided by the concerned agencies as per the provisions of the act.
4. Canvassing or bringing influence in any form will disqualify the candidature.
5. The advertisement can be withdrawn at any time at the discretion of the Competent Authority without assigning any reasons thereof.

Submission of Applications: Interested and Eligible candidates may apply online on the link (<https://forms.gle/2dXr3FKc7DZaFKSM9>) or by scanning the QR code as given below within 30 days from the date of uploading of the advertisement on the CWC website. Applications are to be submitted online. Applications received through any other mode/procedure would not be accepted and summarily rejected. The applicants are advised to submit the Online Recruitment Application well in advance without waiting for the closing date.

Note: 'Corrigendum' or 'Addendum' or 'Cancellation' to this advertisement, if any, shall be published only on the website of CWC. Therefore, the Applicants are advised to check the website of CWC regularly.

QR Code for the Application form

