

**TEZPUR UNIVERSITY, NAPAAM - 784 028, ASSAM**

**Notification dated 27 October 2020**

**Recruitment of 01 (One) State Project Specialist - Structural Design  
(UNICEF Supported) to be engaged under Jal Jeevan Mission (JJM),  
Assam**

**1.0 Background**

Ministry of Jal Shakti was formed in June 2019 with two Departments: Department of Water Resources, River Development and Ganga Rejuvenation and Department of Drinking Water and Sanitation (DDWS). Jal Jeevan Mission JJM has been launched by Ministry of Jal Shakti, Government of India. JJM the flagship scheme of the Government seeks not only to provide functional household tap connections for all but also to promote the holistic management of local water resources. Under JJM Water conservation, reuse measures are made mandatory to the scheme design. As per DDWS as on 31<sup>st</sup> March 2019, only 18.33 percent of rural households in the country, have piped Water Supply (PWS) . It has been planned to provide around 14.60 crore rural households with functional household tap connection (FHTC) through Jal Jeevan Mission (JJM) by 2024. In Assam , 34 percent of habitations are fully covered with piped water supply and around 2.3 percent of total households have individual household pipe water supply connection. The goal is that every home gets drinking water in adequate quantity i.e. 55 liters per capita per day (lpcd) on a regular and long-term basis.

Various schemes and sub-missions under ester while NRDWP viz. Rural Water Supply and sanitation Project for low income states (RWSSP-LIS), National Water Quality Sub-Mission (NWQSM), Japanese Encephalitis-Acute Encephalitis Syndrome (JE-AES) , Swajal, Water Quality Monitoring and Surveillance (WQM&S) and all support activities under NRDWP has been subsumed into JJM. The JJM emphasizes on community participation and making it as a movement - a Jan Aandolan. As per JJM guideline at grassroots level local communities especially women are to be encouraged to participate and take ownership of water resource management , water supply and grey water management and its reuse. The Implementation Support Agencies (ISA)

like NGO, SHGs, CBOs, Voluntary Organizations, Trusts, Foundations will play critical role as partner of Government in mobilizing and engaging the communities to plan, design, implement, manage, operate and maintain in village water supply infrastructure.

To achieve the objective of providing improved and sustainable drinking water services in rural communities through JJM , it is important to focus on water distribution networks, water quality management, sources sustainability, sustainable service delivery (including operation and maintenance), building professional capacity and strengthening decentralized governance. This includes setting up mechanisms to establish and strengthen decentralized procurement and contract management systems that are timely, transparent, accountable and adhere to state government guidelines for procurement of goods and services,

## **2.0 Objectives of the position:**

The objective of this position is to support to the SPMU, Mission Directorate JJM, by guiding, consulting and assisting the design cell of PHED in preparation of model structural design for water supply schemes and vetting design.

## **3.0 Reporting**

The State Project Specialist- Structural Design will report to the Mission Director, JJM and the chief Engineer (PHE), Water / Additional Mission Director for SPMU, JJM, Assam.

## **4.0 Scope of work**

The State Project Specialist- Structural Design Shall:

- a) Be responsible for structural designs of various components/units related to the construction of water supply schemes.
- b) Be performing structural analysis and design using STAAD pro, Excel, Spreadsheets etc.
- c) Design documentation
- d) Lead team to produce AutoCAD generated drawings
- e) Be responsible for ensuring all designs executed are in accordance with the requirements for completeness, accuracy, constructability

- and compliance to seismic requirements of Assam in conformity with relevant BIS codes an up-to-date amendment thereupon on liquid retaining structures and NBC code.
- f) Perform any other duties that may be assigned from time to time in furtherance of the above responsibilities.
  - g) Evaluate geotechnical reports and carry out structural design accordingly.
  - h) Coordinate schedules of drawings and designs submitted by DPR consultant.
  - i) Assist in vetting of drawings and design submitted by DPR consultant.
  - j) Engage with the Department and assist in capacity building of engineers of PHE Department.

### **5.0 Qualifications, Experiences and Other Requirements**

- a) Master in structural Engineering with good understanding of water Treatment related structural design, soil investigation, Engineering drawing, Latest structural Designing Software Tools.
- b) At least 5 years experience in design of structure preferably structure required for water/sewage/Effluent Treatment plants and elevated Services reservoirs.
- c) Must have knowledge of BIS codes with up to date amendments related to water retaining structures and design thereof, AutoCAD, STAAD pro etc.
- d) Must have knowledge in design of pile foundation.
- e) Project management knowledge and experience is major plus.
- f) Good oral and written communication skills. Should be fluent in English. Knowledge of Assamese is an advantage
- g) High level of interpersonal and management skills and ability to work with teams in the organization at all levels.
- h) Must be able to work under pressure and tight deadlines
- i) Computer knowledge and skills in MS office (PowerPoint, MS word, MS excel)

### **6.0 Duty Station :**

The State Project Specialist- Structural Design will be stationed at the SPMU under the Mission Directorate JJM, Assam in Guwahati.

## **7.0 Time Frame**

Initially for one year which will be renewed based on performance and requirement of the project.

## **8.0 Remuneration**

The Proposed remuneration will be Rs. 60,000/- per Month (Inclusive of all incentives and perks).

## **9.0 Selection Mode**

Since it is a state level specialist post, selection may be done through a personal interview by a panel of experts through online mode. The selection will be done through partnership with Tezpur University. *However, Tezpur University has no role in issuance of appointment letters and other employment related matters.*

## **10.0 Application Requirement:**

- a) An application with all details needs to be filled online by clicking <https://forms.gle/7kdvcv9aZGhx3qdb7>
- b) Copies of Academic credentials (HSLC onwards) must be uploaded
- c) Work experience details must be uploaded

## **11.0 Selection Criteria:**

Applicants not producing any of the documents specified in Clause 10.0 above (Application Requirement) shall not be eligible for shortlisting. They should produce original documents as and when required.

## **12.0 Application submission deadline:**

Interested applicants should submit the online application along with all above mentioned documents as attachment latest by **13 November 2020** For any further details, mails may be sent to [jaljeevantu@gmail.com](mailto:jaljeevantu@gmail.com)

CANDIDATES WILL BE COMMUNICATED THROUGH E MAIL ONLY.

sd/- Registrar, Tezpur University