

# राष्ट्रीय प्रौद्योगिकी संस्थान अरुणाचल प्रदेश

#### NATIONAL INSTITUTE OF TECHNOLOGY ARUNACHAL PRADESH

(शिक्षा मंत्रालय, भारत सरकार के तहत राष्ट्रीय महत्व का संस्थान)
(Institute of National Importance under Ministry of Education, Govt. of India)

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# **ADVERTISEMENT**

# ENGAGEMENT OF JUNIOR ENGINEER (CIVIL) AND JUNIOR ENGINEER (ELECTRICAL) ON CONTRACT

Applications are invited from eligible candidates possessing the requisite qualifications as specified in **Annexure-I** for the positions of Junior Engineer (Civil) and Junior Engineer (Electrical) on a contractual basis at the National Institute of Technology Arunachal Pradesh. Candidates must apply using the prescribed application form as per **Annexure-II**.

The deadline for the receipt of applications is 10.03.2025. Shortlisted candidates for the interview will be announced on the institute's website, with no personal contact regarding this matter. The undersigned reserves the right to reject any or all applications without assigning any reason.

Please note that the institute will not provide any TA/DA for attending the interview. Any postal delays in receiving the application will not be the responsibility of the institute, and such delayed applications will be rejected without any reason.

Registrar (i/c) NIT Arunachal Pradesh

कुलसचिव/Registral राष्ट्रीय प्रौद्योगिकी संस्थान, अरुणाचल प्रदेश National Institute of Technology Arunachal Pradesh, Jote

# Junior Engineer (Civil) & Junior Engineer (Electrical) on contract basis

Honorarium: - Rs. 30,000/- (Rupees Thirty Thousand) only (Consolidated payment)

Duration:-11 Month and will be extended based on performance.

#### **Educational Qualification:**

1. First class diploma in Civil/Electrical Engineering

or

2. Degree in Civil/Electrical Engineering.

#### **Essential Qualification**

1. The candidate should have good in civil Auto CAD/ Electrical drawing.

2. The candidate should have an experience of 4 years for supervising civil/electrical projects.

# Age Limit:

• 30 years.

• There may be age relaxations as per government rules for reserved categories (SC/ST/OBC) or specific government norms.

#### Duties and Responsibility

# Site Supervision and Management:

• Overseeing Construction work: Supervise the ongoing construction activities on-site, ensuring they are being carried out as per the approved drawings and specifications.

• Coordination with contractors: Coordinate with contractors, laborers, and other workers to ensure smooth execution of the work.

• Quality Control: Monitor the quality of materials and workmanship at the site. Ensure that the work adheres to the CPWD specifications or the relevant standards.

• Daily Site Report: Prepare and maintain daily reports regarding the work progress, any issues faced, and the number of workers involved.

#### **Estimation and Costing:**

• **Preparation of Estimates**: Prepare preliminary and detailed cost estimates for construction work, as per CPWD norms and the project's requirements.

• Rate Analysis: Conduct rate analysis for different items of work based on the CPWD Schedule of Rates (SoR) or market rates.

• **Bill Verification**: Verify and certify contractor bills for payment after ensuring that the work done is as per the approved scope and quality.

# Design and Drafting:

• **Preparation of Drawings**: Assist in preparing or reviewing design drawings for construction projects, including structural, architectural, 1 Electrical and service drawings.

• **Drafting using CAD**: Use software like AutoCAD to prepare or modify design drawings and construction layouts.

• Revisions and Updates: Ensure that design drawings are updated regularly to reflect any changes in project scope, design, or construction methodology.

# Project Planning and Scheduling:

• Work Scheduling: Help create work schedules to ensure that the construction project progresses according to the timeline.

• Material Procurement: Coordinate with the procurement department for the timely supply of construction and electrical materials.

• **Resource Management**: Ensure the availability of labor and machinery for smooth execution of work as per the construction schedule.

#### Site Inspection and Testing:

• **Site Inspections**: Regularly inspect the construction site to ensure compliance with design, safety, and quality standards.

• Material Testing: Conduct or supervise tests on construction materials (such as concrete, soil, steel) to ensure they meet the required standards and specifications.

• **Structural Inspections**: Inspect the constructed works for any structural issues and ensure they comply with the relevant building codes and safety standards.

# **Documentation and Reporting:**

• Maintain Records: Keep detailed records of construction activities, material consumption, test results, and project progress.

• Prepare Reports: Submit periodic progress reports to senior engineers, project managers, or clients.



• Issue/Receive Instructions: Assist in issuing work orders and receiving instructions from higher authorities and ensuring that they are followed on-site.

# Safety and Environmental Compliance:

- Ensure Safety Standards: Ensure that safety measures are being followed on the construction site, such as the use of personal protective equipment (PPE), safety signage, and adherence to the site's safety protocols.
- Environmental Regulations: Ensure that the construction activities comply with environmental regulations, including waste management, noise control, and dust suppression.

#### Maintenance and Repairs:

- Maintenance of Existing Infrastructure: Shall be responsible for the maintenance of existing infrastructure.
- Supervision of Repair Work: Supervise repair and renovation work to ensure it is carried out properly, within budget, and according to specifications.

#### Termination:-

The termination will be initiated on any kind of unethical practice.

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