भारतीय नाभिकीय विद्युत निगम लिमिटेड
BHARATIYA NABHIKIYA VIDYUT NIGAM LIMITED
(भारत सरकार का उद्यम / A Government of India Enterprise)
कल्पाक्कम/Kalpakkam - 603 102 चेंगलपट्टू जिला (तमिलनाडु)/Chengalpattu Dt.(TN)

No.BHAVINI/HR-R/2026/ Date : 21.11.2026

ADVERTISEMENT NO. 3 /2026/ HR

ENGAGEMENT OF CONSULTANT / ADVISOR (ENGINEER & FOREMAN/SENIOR TECHNICIAN) IN BHAVINI

(Only employees retired / due to retire by last date of receipt of application from BHAVINI / NPCIL/ DAE and its Constituent Units are eligible to apply)

1) Applications are invited from retired employees of BHAVINI/NPCIL/DAE and its constituent units for engagement as Advisor / Consultant.
2) Retired employees/ employees due to retire by last date of receipt of application who is willing to work in BHAVINI can submit their application in the prescribed format (Annexure-A) along with the passport size photograph duly affixed and a copy of the Pension Payment Order.
3) Applicants retired/retiring from the post of **Scientific Officer/F level or equivalent (Level – 13)** and **Foreman/Senior Technician or equivalent (Level 8)** - from BHAVINI / NPCIL/ DAE and its Constituent Units may apply for the below post:

Name of the Post	No of post
Advisor / Consultant – Engineer Scientific Officer/F level or equivalent (Level – 13)	**Operations – 1 Mechanical Maintenance – 1 Electrical Maintenance – 1 Instrumentation Maintenance -1**
Advisor / Consultant – Foreman/Senior Technician (Level 8)	**Operations – 2 Mechanical Maintenance – 2 Electrical Maintenance – 2 Instrumentation Maintenance -2**

4) The applications received will be scrutinized by the Selection Committee. The Committee may interact with the candidates if required and shall assess the candidates as per the selection process. The selected candidates will be communicated the date of commencement of work and the period of tenure after approval of CMD, BHAVINI.
5) Engagement of selected candidate will be based on vigilance clearance/vigilance inputs from the organization/s the officer has served during a period of 10years prior to retirement, subject to the conditions applicable as per procedure for engaging retired employees in BHAVINI.
6) **Eligibility:**
   5.1 Applicant should have retired from BHAVINI/NPCIL/DAE or its Constituent Units.
   5.2 Applicant should possess excellent domain knowledge and experience in the capacity. (Refer Annexure – B)
   5.3 The engagement shall be purely on temporary basis. Engagement can be terminated at any time by BHAVINI without assigning any reason.

7) **Entitlements:**

6.1 The official on engagement is entitled to fixed monthly amount arrived at by deducting the basic pension from the last pay drawn (only basic) at the time of retirement. The remuneration shall remain unchanged for the term of contract.

6.2 To and fro transport facility shall be provided for travel between place of residence (Anupuram) and the place of work : if required to travel outside the place of posting in connection with official work, they will be governed under TA rules as applicable to BHAVINI on the pay scale as they were getting at the time of their superannuation.

6.3 No increment, Dearness Allowance and HRA shall be admissible during the term of re-engagement.

6.4 Paid leave of absence may be allowed at the rate of 2 days for each completed month of service. The leave so earned can be taken either in every month or accumulate and avail in one or more spells within the tenure period.

6.5 The term of appointment shall ordinarily be for an initial period not exceeding six months which is extendable by another six months (subject to availability of vacancy). Further extension may be granted based on a review of the task and the performance of the engaged appointee, provided it shall not be extended beyond five years after superannuation.

6.6 The engaged officer shall not be entitled to contribute towards GPF, Gratuity etc. for the period of engagement.

6.7 The officials so engaged will be provided **available accommodation** / Guest House with License Fee during the period of their engagement as Consultant / Advisor in BHAVINI. Also, accommodation may be provided subject to the condition that the Consultant / Advisor or their spouse does not own a house within the specified radius of the vicinity. Appropriate License fee p.m. will be charged.

8) The place of work will be at BHAVINI, Kalpakkam.

9) The engaged personnel need to perform the duties as per working hours of BHAVINI on all working days.

10) This department has right to reject any application without assigning any reason

11) Last date of receipt of application is seven days from the date of issue of this Advertisement. Incomplete and late applications will not be considered.

12) The applications can be forwarded by post in a sealed envelope to the following address. Title on the envelope : "APPLICATION FOR ENGAGEMENT OF CONSULTANT / ADVISOR **(ENGINEER & FOREMAN/SENIOR TECHNICIAN)** IN BHAVINI"

Address : Deputy General Manager (HR) – Rect. Section,
BHAVINI, Kalpakkam
Chengalpattu DT, TN – 603102
Mail ID : kmalathi@igcar.gov.in
Mobile No.9442216427

21/11/2026

Deputy General Manager (HR)
BHAVINI

Annexure - A

भारतीय नाभिकीय विद्युत निगम लिमिटेड

BHARATIYA NABHIKIYA VIDYUT NIGAM LIMITED

(भारत सरकार का उद्यम / A Government of India Enterprise)

कल्पाक्कम/Kalpakkam - 603 102

चेंगलपट्टू जिला (तमिलनाडु)/Chengalpattu Dt.(TN)

APPLICATION FOR ENGAGEMENT OF CONSULTANT / ADVISOR IN BHAVINI

Recent Passport Size Photo

1	Full Name (in Block letters)		
2.	Father's/ Husband's Name		
3.	Date of Birth		
4.	Contact Details	Tel.No.	
		Mobile No.	
		Email ID	
5.	Address for communication		
		Pin	
6.	Date of Joining in Government Service (BHAVINI/NPCIL/DAE or its Constituent Units)		
7.	Age as on date		
8.	Whether belongs to SC/ST/OBC category ? (Yes / No) If Yes, mention the category		
9.	Whether Physically handicapped (Yes / No)? If Yes, details of disability		
10.	Date of retirement and the post from which retired(enclose copy of Severance order)		
11.	Name of the Division/Unit from which retired		
12.	Details of Last Pay Drawn(Please enclose copy)		
13.	Education/Technical Qualification (Please enclose Certificate/mark Sheet)		
14.	PPO No. (Please enclose copy)		
15.	Details of Computer Knowledge		

16.	Whether any time Disciplinary Proceeding or Criminal Proceedings were initiated against vou. If yes give details	
17.	Brief particulars of Experience of the last 10 years(assignment-wise) (A separate sheet may be annexed}	

I hereby declare that the information furnished above is true and found correct.

I have enclosed all the necessary supporting documents (self – attested copies) along with this application.

Place :

Date : Signature of the Applicant

SCOPE OF WORK & RESPONSIBILITIES OF CONSULTANT

OPERATION

Engineer (SO/F) : 1 No.

- Should have worked as Operation/Commissioning engineer in 220MWe and above nuclear power plants in TG and auxiliary systems.

Nature of Job:

Monitoring and control of vital parameters in TG, Steam and water system, and auxiliaries.

Ensuring plant parameters within the specified normal range values,

Start-up and shutdown of various pumps, blowers and electrical equipment such as Condensate Extraction pumps, Boiler feed pumps, OGDHR pumps and Fans, etc.

Start-up of steam water system, feed water heating, TG warm up and rolling, synchronization to GRID and sustained operation of TG set.

Assisting and guiding commissioning team during commissioning, testing and integrated operation.

Forman/ senior operator in Operations for TG and SWS system:-2 No's

- Should have worked as Foreman/Senior operator in 220MWe and above in nuclear power plant in TG and auxiliary systems.

Nature of Job:

Round the clock operation,

Monitoring of various plant parameters and operation of equipment in TG, Steam and water system, and auxiliaries

Recording plant parameters within the specified normal range values,

Field operation for Start-up and shutdown of various pumps, blowers and electrical equipment such as Condensate Extraction pumps, Boiler feed pumps, OGDHR pumps and Fans, etc.

Field operations for Start-up of steam water system, feed water heating, TG warm up and rolling, synchronization to GRID and sustained operation of TG set.

Assisting commissioning team during commissioning, testing and integrated operation.

SCOPE OF WORK & RESPONSIBILITIES OF CONSULTANT

MECHANICAL

Engineer SO/F Level- 1 No.

- Should have worked as Mechanical Maintenance engineer in 220MWe and above nuclear power plant in TG and Auxiliary systems.

Nature of job:

- Reviewing the maintenance procedures for TG and auxiliary systems
- Coordinate turbine rolling, barring gear operation and trial runs.
- Maintenance of governing valves, control valves and stop valves.
- Maintenance of EHC (Electro-Hydraulic Control) system.
- Check functioning of turbine trip and emergency protection systems.
- Maintenance of lube oil, control oil and jacking oil systems.
- Maintenance of condensate extraction pumps (CEP).
- Maintenance of boiler feed pumps (BFP) and their driving turbines/motors, as applicable.
- Maintenance of cooling water pumps and seal water pumps.
- Maintenance of gland steam condenser and gland sealing system.
- Maintenance of vacuum pumps and air ejectors.
- Maintenance of heat exchangers, oil coolers and filters.
- Maintenance of circulating water and auxiliary cooling systems.
- Maintenance of HP and LP bypass valves.

Foreman/Senior Technician- 2 Nos

- Should have worked as Foreman/Senior technician in Mechanical Maintenance in 220MWe and above nuclear power plant in TG and Auxiliary systems.

Nature of Jobs:

- Conduct inspection of pumps, motors, gearboxes and rotating equipment.
- Checking mechanical seals, gland packing, bearings and couplings.
- Perform shaft alignment using dial gauges and laser alignment equipment.
- Inspect piping, valves, flanges and expansion joints.
- Carry out hydraulic testing and pressure testing wherever required.
- Identify oil leakage, water leakage and steam leakage.
- Monitor equipment health through vibration and temperature analysis.
- Check rotor run-out, eccentricity, shaft alignment and bearing clearances.
- Inspect and maintain journal bearings and thrust bearings.
- Check bearing metal temperature, vibration and oil parameters.
- Monitor differential expansion, axial displacement and rotor eccentricity.
- Inspect gland sealing and labyrinth sealing arrangements.

SCOPE OF WORK & RESPONSIBILITIES OF CONSULTANT

ELECTRICAL

Engineer SO/F Level- 1 No.

- Should have worked as Electrical Maintenance engineer in 220MWe and above nuclear power plant in TG and Auxiliary systems.

Nature of job:

- Supervise dismantling, cleaning, and inspection of internal components.
- Checking and servicing of motor, gearbox, bearings, and seals.
- Testing of local and remote operation, including control signals.
- Preparation of service and test reports.
- Inspection, testing & calibration of overload relays and protective relays.
- Checking of control circuits, interlocks, and indication circuits.
- Functional testing of motor feeders and protection circuits.
- Testing of electrical and mechanical interlocks.
- Troubleshooting of motor starter circuits and control wiring.
- Preparation of maintenance and test procedures, inspection, and test reports.
- Power evacuation system maintenance & condition monitoring.
- maintenance, troubleshooting, testing and commissioning of electrical power evacuation system like Generator, exciter, voltage regulator, Generator Transformer, Unit Auxiliary transformer, Generator circuit break, Isolated phase bus duct, Generator relay protection, Generator control panel, overhead conductor, 6.6 kV vacuum & 230kV SF6 gas insulated breakers., etc

Foreman/Senior Technician- 2 Nos

- Should have worked as Foreman/Senior technician in Electrical Maintenance in 220MWe and above nuclear power plant in TG and Auxiliary systems.

Nature of Jobs:

- Dismantling, cleaning, and inspection of internal components.
- Checking and servicing of motor, gearbox, bearings, and seals.
- Calibration of torque and limit switches.
- Checking of electrical connections, control circuits, and wiring.
- Setting and calibration of open/close limits and torque settings.
- Functional testing and verification of actuator operation.
- Testing of local and remote operation, including control signals.
- Inspection, testing & calibration of overload relays and protective relays.
- Checking of control circuits, interlocks, and indication circuits.
- Functional testing of motor feeders and protection circuits.
- Testing of electrical and mechanical interlocks.
- Troubleshooting of motor starter circuits and control wiring.
- Verification of earthing connections and panel safety arrangements.
- Calibration and testing of electromagnetic relays, contactors, Numerical relay etc.

SCOPE OF WORK & RESPONSIBILITIES OF CONSULTANT

INSTRUMENTATION

Engineer SO/F Level- 1 Nos

- Should have worked as Instrument maintenance engineer in 220MWe and above nuclear power plant in TG and Auxiliary systems.

Nature of job:

1. Verification of control logic for various plant systems, including open-loop and closed-loop control logics.
2. Commissioning support for pneumatic control valves, including functional and operational verification.
3. Commissioning support for the TG governor control system.
4. Commissioning support for the High-Pressure (HP) Bypass system.
5. Review and verification of commissioning procedures, test reports and commissioning-related documents.

Foreman/Senior Technician- 2 Nos

- Should have worked as Foreman/Senior technician in 220MWe and above Nuclear power plant in TG and auxiliary systems Instrument Maintenance.

2. Nature of works for Control Maintenance Foreman

1. Loop checking of field transmitters and switches associated with SWS and TG systems.
2. Commissioning of field-mounted transmitters and switches.
3. Commissioning and functional testing of pneumatic control valves.
4. Commissioning and functional testing of electrically operated valves through DDCS.
5. Calibration of field instruments and transmitters.
6. Commissioning of Steam Water Analysis system aS wet and dry panels, including associated online analysers.
7. Coordination and supervision of field instrumentation cable laying, termination and related activities.