



CENTRAL POWER RESEARCH INSTITUTE
(A GOVT. OF INDIA SOCIETY, MINISTRY OF POWER)
POST BOX NO.8066, PROF. SIR. C.V.RAMAN ROAD
SADASHIVANAGAR POST OFFICE,
BANGALORE – 560 80

ADVERTISEMENT NO. CPRI/07/2021

The Central Power Research Institute (CPRI) is a Premier Autonomous Institute under Ministry of Power, Government of India which promotes applied research in the field on power. It has several laboratories throughout India and state-of-the art facilities for evaluation of electrical materials and performance of power equipment. It also acts as the National Level Testing & Certification Authority and is the apex body for initiating and coordinating Research and Development in Power sector. The Institute intends to engage following personnel on **purely temporary basis**, exclusively for “Poly Chlorinated Biphenyls (PCB) project **“Management Service for the treatment of Transformer Mineral oil containing PCBs using the Mobile PCB de-chlorination System in India”** which is sponsored by the United Nations Industrial Development Organization (UNIDO) and Ministry of Environment, Forests and Climate Change (MoEFCC) and supported by the Global Environment Facility (GEF). The various positions required are as under: **The advertised positions are temporary in nature, period of engagement initially for one year.**

Sl. No	Details of the Position	Essential Education Qualification
1.	Project Engineers No. of Position – 2 No’s Consolidated remuneration Rs. 33,000/- pm (all inclusive). Age Limit- not exceeding 30 years as on last date of application.	B.E/B.Tech (Chemical Engineering)

Qualification/ Experience/Requisites

- **Minimum Two years** of experience in evaluation/reconditioning/reclamation/ handling of insulating oils, lubricating oils and other petroleum products.
- Experience in handling of Gas Chromatograph, moisture apparatus & breakdown voltage test kit of oil is preferred.
- Working on the operation of chemical plant. Occupation safety and hazardous material handling, ability to work independently and efficiently with a minimum of supervision.
- Ability to actively problem-solve using sound judgment and critical thinking.
- Ability to work in a dynamic, team-oriented work environment, at times demands flexibility.
- Passion for the mission and goals of the Environmental Cause of the particular Project and a personal commitment to environmentally friendly actions and to follow all the requirements of safe work practices
- Safe work practices, ability to work in a team and to follow instructions. Extensive travelling within the Country including weekends and holidays is expected from the selected candidates.

Job Description- Project Engineers:

- Implementation, operation and maintenance of de-chlorination Plant under the supervision of the project co-ordinator/leader.
- To prepare or assist in the preparation of the plan to efficiently and safely operate the PCB de-chlorination system within the framework of the GEF-UNIDO PCB project.
- Site preparation in-compliance with all standard operating procedures and special site conditions that may be required.
- To safely transport the PCB de-chlorination system and any equipment from the storage sites, locations where the PCB decontamination job has just been completed to a new designated site where the equipment will be operated next.
- To manufacture, package and transport sodium dispersion reagent required for the treatment of at least 750 tons of PCB contaminated oil.

- To package for disposal of any other byproduct produced during the operation of the PCB de-chlorination system.
- To carry out the maintenance programme on the mobile PCB dechlorination system.
- Installation of equipment including hose connection, spill contaminant, electrical power connection
- Analysis of PCB contaminated oil and oil reaction product.
- Analysis of the treated oil for BDV ,moisture content & PCB content before product transfer.
- Product transfer, including PCB contaminated oil, reaction by-product, sodium dispersion reagent, air pollution control filter, etc.
- Perform decontamination of PCB contaminated oil using PCB dechlorination system.
- Archiving analyzed oil samples.
- Shut down of the system and preparation for transportation to the next operating site.
- Site restoration to original or cleaned condition upon completion of the oil decontamination job.
- To carry out any additional activities not listed above, but it is essential for the proper implementation of the decontamination programme of the PCB contaminated transformer oil using the mobile PCB dechlorination system.
- Any other duties and responsibilities assigned by the project coordinator/leader in this regard.
- To work in shifts and night duties as per the needs of the project.

Sl. No	Details of the Position	Essential Education Qualification
2.	Technical Staff : No. of Position – 2 No's Consolidated remuneration Rs.20,000/- PM (all inclusive). Age Limit- not exceeding 28 years as on last date of receipt of application	ITI (Mechanical)

Qualification/ Experience/Requisites

- **Minimum Two years** of working experience in any technical projects.
- Ability and motivation to work in a lab with hazardous chemicals, laboratory and mobile facility glass wares and instruments maintenance, environmental friendliness and interest to support the needs of clean environment, adherence to rules and regulations, Safe work practices, ability to work in a team and to follow instructions.
- Extensive travelling within the country including weekends and holidays is expected from the selected candidates.
- Experience in operating chemical plant/petroleum product processing is preferred.
- Good understanding of English, Hindi and any one local language.
- Desirable to have experience in laboratory maintenance and office maintenance and other associated activities.

Job Description - Technical Staff :

Assist the Project Engineer and Senior Manager in the following;

- Implementation, operation and maintenance of de-chlorination Plant under the supervision of the Senior Manager.
- To prepare or assist in the preparation of the plan to efficiently and safely operate the PCB de-chlorination system within the framework of the GEF-UNIDO PCB project. Site preparation in-compliance with all standard operating procedures and special site conditions that may be required.
- To safely transport the PCB de-chlorination system and any equipment from the storage sites, locations where the PCB decontamination job has just been completed to a new designated site where the equipment will be operated next.
- Preparation, pack and transport sodium dispersion reagent required for the treatment of at least 750 tons of PCB contaminated oil.
- To package for disposal of any other byproduct produced during the operation of the PCB de-Chlorination system.
- To carry out the maintenance programme on the mobile PCB de-chlorination system.

- Installation of equipment including hose connection, spill contaminant and electrical power connection
- Analysis of PCB contaminated oil and oil reaction product
- Analysis of the treated oil for BDV and moisture content before product transfer
- Product transfer, including PCB contaminated oil, reaction by-product, sodium dispersion reagent, etc.
- Perform decontamination of PCB contaminated oil using PCB de-chlorination system.
- Archiving analyzed oil samples
- Shut down of the system and preparation for transportation to the next operating site
- Site restoration to original or cleaned condition upon completion of the oil decontamination job
- To carry out any additional activities not listed above, it is essential for the proper implementation of the decontamination programme of the PCB contaminated transformer oil using the mobile PCB de-chlorination system.
- Assist in ministerial help in project reports, progress reports, and investigation reports and associated activities.
- Should be able to troubleshoot and correct mechanical difficulties that may surface during the operation and/or perform standard maintenance procedures of the PCB de-chlorination system. Any other duties and responsibilities assigned by the project co-ordinator in this regard
- To work in shift.

How to Apply

1.	Candidates should download the prescribed application format from CPRI website http://www.cpri.in . and fill the the application in all respects and attach copies of all certificates of educational qualifications, experience etc.
2.	Completed application (with requisite attachments) should be sent by post superscribing “ Application for the position of “.....” ” to The Chief Administrative Officer, Central Power Research Institute (CPRI), Post Box No.8066, Prof. Sir. C V Raman Road, Sadashivanagar Post Office, Bangalore – 560 080, latest by 15.04.2021. Applications received after the due date will not be considered.