

PUNJAB PUBLIC SERVICE COMMISSION

Subject:- REQUISITION OF TWO (02) POST OF SUB ENGINEER (BS-14) FOR STRENGTHENING BARRAGES IN PUNJAB APPOINTMENT OF SPECIALIZED STAFF FOR MANAGING SCADA AND ELECTRO MECHANICAL WORKS ON CONTRACT BASIS FOR A PERIOD OF THREE YEARS (EXTENDABLE) IN THE PUNJAB IRRIGATION DEPARTMENT.

Qualification / Experience:

- a) 03 years Diploma of Associate Engineering in Electrical Technology from recognized Poy. Technical Institute.
- b) A minimum of 03 years' post diploma experience in commercial power system or generators or UPS or rectifier or switch gears or LV/HT panels.

Place of Posting: Anywhere in Punjab.

Job Description/Job Analysis/.

(Main Responsibilities and Tasks)

1. Regularly assists the Assistant Executive Engineer (E&M) in operation and maintenance of the Electrical system. Evaluates and recommends the most economical solutions to several problems that arise during work operation and maintenance.
2. Technical management and also technical support to technicians, vendors and sub- contractor regarding any Power issue.
3. Analysis of Power system operational performance including the feasibility studies, reliability and risk analysis
4. Power equipment evaluation and testing
5. Barrage Site Power Planning and Dimensioning for new upcoming system, which includes generators, Inverters, Rectifiers, Batteries and UPS.
6. Develop, manage and improve escalation processes.
7. Respond to Technical calls received from headquarter team and vendors.
8. Technical report writing for the nonconformities during the work
9. Hands-on experience for maintenance and trouble shooting of Generators.
10. Hands-on experience for maintenance and Overhauling of DG Sets.
11. Working on rectifiers and given trainings to technicians on environmental alarms system.

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12. Working on installation and commissioning of rectifier VRLA batteries.
13. Load calculation for different types of equipment's and load planning on barrage site.
14. Evaluate construction drawings and verify against approved generic plans and recommend cost efficient options
15. Perform proper checks on vendors take in time decision to save Governments apex during Transformer repairing, Generators Preventive Maintenance/ Corrective Maintenance activates, Air conditioners, Fire separation & detection system and site development works related activates.
16. Monitoring and Processing of electricity bills of finance for payment

17. Supervise Operation and Maintenance of Electrical circuits, Distribution panels, UPS, Rectifiers, Battery Bank and power related circuits on access network sites,
18. Perform quality checks/ health checks of electrical system.
19. Implementation of Procedures for O&M alarm handling/ reporting and configuration.
20. Supervise activates operation and maintenance of Fire detection and separation system.
21. Verifying vendor and sub contractor's invoices.

Occasional Tasks and Responsibilities

Any responsibility / assignment other then mentioned above entrusted by the Government time to time

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