



PUNJAB PUBLIC SERVICE COMMISSION
QUALIFICATION SHEET

Subject:- REQUISITION OF ONE (01) POST OF DEPUTY DIRECTOR BARRAGES (E&M) (BS-18) 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) Bachelor's Degree (2nd Division) in Mechatronics/Electronic/Electrical Engineering from a recognized university and registration with Pakistan Engineering Council.
- b) Minimum of 05 years' experience of Operations and Maintenance in similar capacity and relevant field of SCADA and Electro Mechanical Engineering Installations, Commercial Power System, Generator, Switch gears, LV/HT panels on Dams / Barrages / Rivers / Large Canals in a Government or in a large National / International Organization of repute in public or private sector.
- c) Bachelor's Degree (2nd Division) in Mechatronics/Electronic/Electrical Engineering.

Place of Posting: Any where in Punjab.

Job Description/Job Analysis/.

(Main Responsibilities and Tasks)

JOB PURPOSE		
Organize and coordinate all field operations and maintenance activities of SCADA & Electro Mechanical works including the transmission network, to guarantee reliable SCADA & Electro Mechanical network performance and quality of service and ensure targets are met and all Field operations activities are carried out in accordance with departmental policy and procedures.		
PRINCIPAL ACCOUNTABILITIES		KPI'S
1.	Operations and Maintenance of Access network Ensure proper functioning of all SCADA & electro Mechanical equipment. Monitor, develop and implement preventative maintenance plans in accord with the defined procedures in order to ensure operations and maintenance activities are implemented on schedule to avoid any adverse service impact.	Downtime/ Availability of the SCADA and Electro Mechanical network.
2.	Operation and Maintenance of Transmission Network Organize Operation and Maintenance of all Transmission network equipment (covering optical	Downtime/Availability of the Transmission Network.

	<p>fibre system, microwave and cross connect equipment including DXX, VHF communication system) in order to ensure proper functioning of the transmission network.</p>	
3.	<p>Resource Management</p> <p>Plan all resources and define activities for the barrage sites and manage resources to meet the departmental deliverables. Prioritize activities within the barrage sites.</p>	<p>Expenditure on resources vs budget /overtime</p>
4.	<p>Staff Management</p> <p>Ensure staff performance is reviewed regularly and plans are designed and executed for adequate training and development in order to improve performance and productivity.</p>	<p>Staff productivity and performance vs budget.</p>
5.	<p>MTTR</p> <p>Ensure that the mean time to repair (MTTR) for outages are under the specified targets. Take necessary steps to identify and reduce the outages causes.</p>	<p>PI-2hrs PII-3hrs PII-7hrs</p>
<p>SCOPE, JOB CONTEXT, COMMUNICATION AND DECISION MAKING</p>		
<p>Scope: Operations and Maintenance of the all SCADA & Electro Mechanical Network</p> <p>Job Context/ Operating Environment</p> <p>The individual is responsible for the operation and maintenance of SCADA & Electro Mechanical network in his respective region. The job holder will require close liaison within operations department (i.e. with Assistant Executive Engineer (E&M) posted at Barrages) to ensure that all the scheduled activities are implemented on time. The job holder is responsible for the distribution of assignments and monitoring the tasks assigned to the Barrage operations team. The individual will require close coordination with Executive engineer, Barrage Division in order to ensure maximum availability and utility of SCADA and Electro Mechanical network</p> <p>Communication-Internal: Assistant Executive Engineer (E& M)</p> <p>External: Concerned Irrigation Zonal Officials</p> <p>Decisions: Recommend and suggest to Director Barrages (E&M) for decisions.</p>		

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