*ENGINEER MUHAMMAD JAVED AKHTER*

*CV Detail*

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***NECESSARY PERSONAL***

***INFORMATION***

1. ***Name: Muhammad Javed Akhter***
2. ***Fathers Name: Muhammad Jamil***
3. ***Qualification: BS in Electrical Engineering***
4. ***Place of Birth: Lahore-Pakistan***
5. ***Nationality: Pakistani***
6. ***Current Location: Pakistan***
7. ***Mobile No,,00923124290191***
8. ***Passport No-CH1349173***

***EXPERIENCE HISTORY***

***Extensiveexperience in the various fields.***

1. *Power Project*
2. *BUILDING PROJECTS:*
3. *HOUSING PROJECT*
4. *GAMES PROJECTT*
5. *TRANSMISSION AND DISTRIBUTION PROJECTS*

*EXPERTIES AREAS*

1. *Construction*
2. *Testing and Commissiong*
3. *Site Supervision/Project Management*
4. *Project Coordination*

***AFFILIATIONS/CERTIFICATIONS & TRAININGS***

* *Pakistan Engineering Council*
* *Higher Education Pakistan (HEC).*
* *Saudi Council of Engineer Saudi Arabia.*
* *Safety Trainings at Quraya Power Plant Dammam.*
* *12 months Training Generation, Transmission and Distribution at Wapda Academy Faisalabad.*
* *PLC Training.*
* *Management Training at Wapda Academy Tarbela Pakistan.*
* *Computer Skills:*

*MS-Word, Excel, Power Point, Primavera, AutoCAD*

***Current Project***

***InterTURAIF POWER PROJECT***

***Client0Saudi Electricity Company***

***Employer-ESBI Ireland***

***Testing and Comissioning Engineer***

***June 2018 to December 2019***

* *1.* Ensured timely completion of start-up and commissioning activities for Intel's latest and most advanced semiconductor facility.
* Provided Engineering leadership to coordinate design, construction and commissioning activities.
* Testing and commissioning of entire BOP system including Feed Pumps and motors, Condensate Pumps and motors.CCW System and systems of plant. HVAC System.
* Preparing all commissioning daily reports.
* Meetings with the contractor for quality of work.
* Pushing the contractor for speedy work.
* Making daily Commissioning meeting agenda and further monthly..
* Meetings for resolving the matters of Punch list and NCRs.
* Preparing NCRs on non conformance.
* Energisation of all system one by one according to PTS and agreement between client and contractor.
* Ensuring that all work should be completed according to testing and commissioning procedure approved by competent authority.
* Developed plant operating procedures
* Balance of plant mechanical start-up engineer: HRSG's, Feed water, Condensate, Natural Gas, Closed Cooling Water systems
* Supervised mechanical craft personnel
* HRSG chemical cleaning
* Steam Blow
* System walk-downs to identify mechanical punch-list items
* Trained client operations and mechanical personnel (OJT)

***Qassim Power Project-380 KV GIS Substation***

***Client: Saudi Electricity Company (SEC)***

***Employer- (SC-Black & Veach (BV)***

***Senior Electrical Engineer-Project***

*March 2016-June 2018*

***EXPERIENCE DETAIL***

***Project Lead/in charge r-Coordinator with SEC Departments and NCC on for Portion B at 380 KV GIS Substation (9032)****.*

***Responsibilities***

***Single handed handling above said Project from infrastructure to completion/commissioning TAC/PAC-ECC-CC.***

1. *Preparation of the project schedule.*
2. *Review the project plans and specifications and comment on the building design, scheduling, possible.*
3. *Cost savings measures and potential construction problems.*
4. *Assist estimator in preparation of project budget*
5. *Prepare the general conditions budget.*
6. *Assist in assembling the job site office and equipment requirements.*
7. *Expedite all shop drawings and approvals ensure all required municipal inspections are performed.*
8. *Prepare and expedite project deficiency lists.*
9. *Technical specifications for construction of 380 KV Cable line from GT Plant to GIS Qassim-380 KV Substation-to be followed as per PTS.*
10. *All 380 KV Interface related transmittal and materials approvals to be reviewed and approvals to be taken from all SEC internal concern departments. Any missing transmittals/submittals log to be maintained for future reference and follow up.*
11. *All substation related construction works/Materials inspections to be conducted along with concern substation department and update the records.*
12. *All internal letters to be prepared and SEC internal communication letters to be sent through CRS as an attachment.*
13. *All construction/works related works to be inspected along with SEC concern departments.*
14. *All construction works related work permits coordination to be done through proper channel.*
15. *All substation testing and commissioning activities to be inspected along with SEC Concern department.*
16. *Clearance to be taken from SEC concern department for synchronization.*
17. *Any miscellaneous job allotted by SEC Authority to be handled properly.*
18. *Site meetings with Contractor/Sub contractors for progress and quality.*
19. *Daily meeting with my team of Electrical Engineer for allocation of work and task.*
20. *Daily meeting with Site Manager (Black&Veach) along other Team leaders for coordination and comply.*
21. *Attending Commissioning/Pre-Commissioning meetings with SEC and NCC.*
22. *Attending Safety Meetings.*
23. *Attending Progress Meetings.*
24. *Meetings with T&D and NCC for discussing Pending issues, Approvals from T&D.*
25. *Management with complete SEC Authorities and Black & Veach with NCC.*
26. *Participation in FAT Testing.*
27. *Yearly Progress/evaluation Report for our Engineers and staff.*
28. *Coordination to take the work Permit.*
29. *Taking care of Punch lists and NCRs.*
30. *Turn over data pack completion to sign the ECC and CC.*
31. *Taking care of completion of Erection and Commissioning Certificates with team and Site Manager.*
32. *Follow up of all internal letters and technical matters.*
33. *Taking care of TAG IN and TAG out Procedure (LOTO).*
34. *Coordination and meetings with QA/QC and Safety Engineers/Managers.*
35. *Review and completion of Turn over Data Packs, Erection Certificates, Completion Certificates.*

***KING KHALID UNIVERSITY ABHA (Ministry of Education)***

***Client-(Ministry of Education)***

***Employer: Zuhair Fayez Partnership Consultants***

***Contractor- Arabian Baytur***

***Project Electrical Engineerat King Khalid University (KKU) Zuhair Fayez Partnership Consultants of Medical City Male Campus Phase-2 & 3.***

*construction of 800 Beds Teaching Hospital, College of Pharmacy, College of dentistry, College of Medical Science, Conference hall, Female Medical College,College of Medicine.500 Villas.*

*August 2011-March 2016*

*Responsibilities*

1. *Responsible for all of Electrical related activities.*
2. *Monitoring to ensure that all testing & inspection requirements are being full filled as per concerned approved ITP.*
3. *Monitoring to ensure that proper documental evidences are being produced to prove full compliance of contract.*
4. *Check and review the plans & specifications for the proper construction & quality   
   implementation at job site,*
5. *perform pre-inspection to ensure that all installed materials are within the standard in   
   conformance to applicable drawings & specs.,*
6. *conduct final inspection with owner’s representative prior to proceed concrete pouring and other succeeding work activities that requires step by step inspection as per inspection and testing procedures (I.T.P.).,  
   Render monitoring and surveillance on site to control the quality of work being implemented by the construction group.*
7. *Represent the Company in meetings with the Client, interfacing EPC’s, sub-contractors, and other stakeholders. Lead meetings and record minutes of meetings as required.*
8. *Manage the Client at the Site*
9. *Support the interests of the Project Manager at the site, in particular in relation to safety, security, cost optimization and management, and schedule control*
10. *Support and promote the implementation of the Project Safety, Security and Quality plans*
11. *Support and promote the implementation of the Project Execution Plan*
12. *Provide strong leadership and coordination to ensure the site team is working effectively to achieve the project KPI’s. Identify and address risks and issues, escalating to the Site Project Manager and Senior Project Manager as required*
13. *Provide leadership to ensure prompt prioritization and coordination of all unforeseen issues at the site, escalating to the Site Project Manager and Senior Project Manager as required. Provide cross-functional coordination on site, with external stakeholders, and with the team as required*

*Quality and inspection Grounding to end of complete laying, Installation and inspection.*

*Suppose, Installation of ground conduit, Inspection Pit and connections with cad weld.*

*Installation of lightening copper tap, laying, installation, testing of LV/MV Cables. Cable tra*

*BMS, Lighting, Breakers, Panels, Transformer Generator, Bus bar UPS, batteries, HVAC, VAV,*

*CAV, Europium bus bar lighting system, AHU, s, Fire Alarm, Radio, Nurse call, clock, Access*

*Control and their inspection and testing. All equipment’s operational controlling from BMS.*

***Experience in Qurraya Power Plant Combine Cycle.***

***Senior Project Engineer (Electrical) for SEC-East through Saud Consult, with Laymhere international Saudi Arabia at 3200 MW Quraya Power Plant.***

***Client- SEC***

***Contractor- Arabian BEMCO***

***22 August 2008 to 28-07-2012***

***DATA OF PROJECT***

***TOTAL CAPACITY***

***Total Blocks- 6 No’s (3 GTS in each Block+ 1 Steam Turbine)***

***Rating of Each Block- (126\*3=378+1- ST(260) MW=638 MW)x5=3190 MW + 638 for 6th Block***

***Supplier------------------ General Electric***

***Responsibility***

* *Installation, erection, testing & commissioning of electrical power system equipment’s according to international and power regulatory authority standards i.e. IEC, IEEE, NEPA, SEC etc.*
* *Reviewing the ECC (Erection completion certificate) and CCC (Commissioning completion certificate).*
* *Rising of Punch lists if the equipment is not as per drawing and standards.*
* *Generate the non-conformance report (NCR) and observation reports according to the quality management Procedure (QMP) and project quality procedure (PQP) project technical specification.*
* *Review subcontractor or supplier quality document submittals (Quality plans, inspection tests & plans, procedure.*
* *Review Material and Service Requisitions, bids tabs (including QA evaluation of bids), subcontracts and Purchase Orders.*
* *Monitoring and reporting the status of implementation of the Project Quality Management System and its effectiveness.*
* *Preparation and verification of monthly Invoices of concern activities.*
* *Inspection of Generators, Exciters, Unit Auxiliary Transformers, IPB(Insulation Phase bus duct), Unit Transformers, Station Transformers, GIB(Gas Insulated Bus Bar), Energization of PEECC, LCI, AC/DC Line Reactors, Air Conditioning System, UPS, Batteries, Central Control Building, MV/LV2 and Black Start Diesel Generator.*
* *Inspection of related equipment’s above said Jurisdiction i.e. is as following.*
* *The CCB at ground floor consist of 34.5 KV (2 lines are coming from SARAMCO).*
* *No SST1, 2 Transformers for 34.5 KV Lines.*
* *34.5 KV Switch gears (2 No’s).*
* *From 34.5 KV to 13.8 KV and then 4.16 KV.*
* *480 V MCC-A and B for HVAC and other utilities.*
* *DC and UPS System.*
* *125 KV Station Batteries and Batteries for UPS also.*
* *Station Auxiliary Transformers (2 No’s) from 13.8 KV to 4.16 KV.*
* *Diesel Generator and MV/LV lines.*
* *Review of scope of work, project quality plan and procedures.*
* *Prepare and update quality control procedure (QCP) and the inspection test plan (ITP).*
* *Installation of Cables.*
* *Generate non-conformance report (NCR) and observation reports according to quality management procedure (QMP) and Project quality procedure (pap), Project technical specifications.*
* *Review subcontractor or supplier quality document submittals (Quality plans, Inspection Test & Plans, Procedures.*
* *Review Material and Service Requisitions, bid tabs (including QA evaluations of bids), subcontracts and Purchase Orders.*
* *Monitoring and reporting the status of implementations of the Project Quality Management system and its effeteness.*
* *Issuance of site instruction if any work delay or work not according to PTS or approved drawings or standards.*
* *It is a GE based Project where GE is supplier of Equipment.*
* *Energization of all PEECC and MCC,s DC or AC.*
* *2-Hour run test of motors.*
* *Functional and Timing test of ABB Breakers.*
* *Phase index (PI) test of Generator.*

***Experience as Electrical Engineer in Power Plant Construction of 450 MW CCPS and 600 MW CCPS and Maintenance of HV/EHV Lines in Guddu Thermal Power Station Combine Cycle and its Grid Station 500/220 KV Lines from Guddu-Jamshoro and Tarbela Wapda.***

***Client- PEPCO-GENCO-III (WAPDA)***

***Contractor- Siemens /Habib Rafique Limited Pakistan***

***Jan 2000-August 2008***

***ELECTRICAL ENGINEER-Client Side***

*Responsibilities.*

* *Construction of HV line from Guddu-Multan-Tarbela 500/220 KV.*
* *Design Review of HV/MV Grid station and lines*
* *Working on one line diagram single bus bar and Double Bus bar System.*
* *Installation of Conductors Dog, Rabbit with Proper line span to avoid the corona losses.*
* *Installation of Capacitors and Capacitor banks on each end.*
* *Installation of Circuit Breakers in Switchyard with complete Protection scheme SF6, Vacuum and Air Blast Circuit Breakers.*
* *Installation of Bus bars of ACCR or else.*
* *Installation of Transformers of 500/220 KV and 220/11 KV.*
* *Installation of Panel boards and Batteries at Grid Stations.*
* *Installation and laying of Cables HV and LV Cables.*
* *Review the design as per site conditions.*
* *Issuing the Punch list.*
* *Issuing the Site Instruction.*
* *Issuing the NCR on noncompliance of work.*
* *Review of Electrical Proposals, Estimation and Calculation.*
* *Checking the design submittals and Material.*
* *Maintaining and monitoring the line behavior from Regional Control RCC and NPCC (National Control Centre) if in operation.*
* *Maintenance of Switchyard Work Shop related equipment’s and to attend forced, routine and major shut downs on Breakers, Isolators, Transformers of 160 MVA Auto transformers,60 mva,10 mva,6mva aux: transformers and 800,1200 KVA of 0.4 KV.*
* *Motor workshop which relate to 6kv, 0.4kv and DC motors. Maintenance of all motors, there testing and installation.*
* *Control workshop which relates to the control circuits of power plant, following testing as under to manage with staff.*
* *Different Protections of transformers, Generator and motor like insulation test, open circuit, short circuit, Hi Pot testing, (IR) meger and continuity test.*
* *Maintenance of Electrical Part in Diesel Generators.*
* *Maintenance of Electrical part in HVAC System.*
* *Thermos vision of Breakers and Isolators.*
* *Testing and maintenance of DC system.*
* *Installation, erection, testing & commissioning of electrical power system equipment’s according to international and power regulatory authority standards i.e. IEC, IEEE, NEPA, SEC etc.*
* *Review subcontractor or supplier quality document submittals (Quality plans, inspection tests & plans, procedure.*
* *Review Material and Service Requisitions, bids tabs (including QA evaluation of bids), subcontracts and*

***600 MW CCPS TPS Guddu Sindh Pakistan.***

***Client- PEPCO-GENCO-III (WAPDA)***

***Contractor- General Electric Pakistan***

***Jan 1992-January, 2000***

***ELECTRICAL ENGINEER- Client Side***

*Responsibilities.*

*Engineering, Installations, Procurement, Recommissioning& Commissioning Coordination of of Power Plant and 11kV Distribution Substation Equipment’s detailed as below:*

* *2 MVA 11 /0.433kV Distribution Power Transformer SCHNEIDER ELECTRIC*
* *500KVA , 415V Diesel Generator CATERPILLAR*
* *11kV High Voltage Switchgear MCSET SCHNEIDER ELECTRIC*
* *415V LV Switchgear BLOKSET SCHNEIDER ELECTRIC*
* *24V and 110V DC UPS systems GUTOR , ALCAD*
* *Building Services - HVAC System, lighting & small power, Earthing system, Cathodic Protection of Pipelines*
* *Rising of Punch lists if the equipment is not as per drawing and standards.*
* *Generate the non-conformance report (NCR) and observation reports according to the quality management Procedure (QMP) and project quality procedure (PQP) project technical specification.*
* *Review subcontractor or supplier quality document submittals (Quality plans, inspection tests & plans, procedure.*
* *Review Material and Service Requisitions, bids tabs (including QA evaluation of bids), subcontracts and Purchase Orders.*
* *Monitoring and reporting the status of implementation of the Project Quality Management System and its effectiveness.*
* *Preparation and verification of monthly Invoices of concern activities.*
* *Inspection of Generators, Exciters, Unit Auxiliary Transformers, IPB(Insulation Phase bus duct), Unit Transformers, Station Transformers, GIB(Gas Insulated Bus Bar), Energization of PEECC, LCI, AC/DC Line Reactors, Air Conditioning System, UPS, Batteries, Central Control Building, MV/LV2 and Black Start Diesel Generator.*
* *Inspection of related equipment’s above said Jurisdiction i.e. is as following.*
* *Diesel Generator and MV/LV lines.*
* *Review of scope of work, project quality plan and procedures.*
* *Prepare and update quality control procedure (QCP) and the inspection test plan (ITP).*
* *Installation of Cables.*
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* *Issuance of site instruction if any work delay or work not according to PTS or approved drawings or standards.*