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To obtain a management position where my skills in organizational leadership and People development can be utilized to achieve company's strategic goals, cost saving and to improve service quality by creating high performance teams.

### **Professional Excellence Summary:**

Engineering Professional having 17+ years' experience with superior project management skills and a diverse technical background in EPC Projects & Maintenance Shutdowns of Electrical & Instrument & Electromechanical especially in Oil & Gas (Offshore & Onshore), Processing Industries, Chemical plants, Fertilizer plants, Aluminum. Plants, Power Plants, Water Reservoirs Barrages, Automobile Plants, Textile plants, Food Plants, Steel Plants, Beverages Plants, Electrical Infrastructure & Power Distribution Systems (Substations)

### **Key Skills**

- Plant Operation & Maintenance, Shutdowns & Turnarounds Project Management, offshore & Onshore Projects & Shutdowns, Budget Monitoring, Cost Revenue Analysis, Invoicing and Project close Out.
- Participation in Project weekly & monthly progress review meetings during with clients & With Project Team, engineering, Procurement, installation, commission & close out phases according to project requirements
- Project Planning, Scheduling, and monitoring different activities of the project during different phases of EPIC projects, Project progress Reporting, Preparation of Monthly/Weekly Progress Reports for project progress monitoring, reviewing of look ahead plan with planning team.
- Key role in planning of resources (manpower, equipment's, and tools) as per project requirements.
- Reviewing & Preparation of estimated man-hours requirement of the project with Planning team.
- Key Role in expediting the possible delays during, design, Procurement, installation phase with other subcontractors and stakeholders to adopt remedial measures for timely and successful completion of the project.
- Design review, Material Procurement & Specs Review, Design Technical Clarifications with the Vendors, Technical & Official Correspondence, Generation of Project Procurement Requirements based on Engineering Requisition Packages, organizing & participating in FAT with consultants & Clients.
- Project Site Execution Monitoring, Construction Management, Arrangement of Subcontractors & its monitoring, Work Permit System, Safety Review System and Site Activities Monitoring
- Onsite technical and management support to site Project team during construction & execution of the Project.
- Aware of HSE, permit to Work System requirements and onsite local working regulations in Hazardous Areas and live Oil & Gas, Process Plants and Power Plants.
- Costing & Estimation of EPIC Projects E&I & Modification Works especially in Oil & Gas, Other Process Industries, Infrastructure, Buildings, Power Transmission and Distribution and Energy Sector.
- Preparation of BOQs, MTOs from Tender Documents and Drawings of EPC Projects.
- Supporting & Monitoring Project Team for generation of Inquiries and Evaluation of different Suppliers, Vendors/subcontractors proposals and quotations technically and commercially.
- Preparation of Technical, Commercial and Management Documents for Projects as per project specific requirements. Preparation of comparison statements of quotations from different vendors, suppliers, and subcontractors.
- Close monitoring and follow-ups with different vendors, suppliers, and subcontractors
- Basic Design knowledge and study of MV/LV Power, Control Cable, Cable Routing, Cable Accessories, Layout Drawings, Switchgears, Transformers, Motors, Field Instruments, PAGA, Fire Alarm System, Fire

Suppression System, Generators, UPS System, LT Distribution Boxes, Junction Boxes, Cable Management Systems.

- Identifying Extra works & variations from the contract with team.
- Monthly & Final Invoicing and verification of BOQ and Drawing quantities variation.

## **WORK EXPERIENCE**



**Deputy Director Planning & Development**  
**Begum Nusrat Bhutto Women University Sukkur**

**(July 2022 – Ongoing)**

The Begum Nusrat Bhutto (BNB) Women University Sukkur was established with the sole objective to empower, facilitate, and inspire Women with ambition. BNB Women University aims to enable capable women by providing quality education alongside exposure to endless opportunities for their socio-economic growth. Women participation is essential in all professional fields including Education, Technology, Management, Engineering, Politics, and Legislation among others.

### **Key Accomplishments**

- Established multidiscipline Project engineers centralized team to handle BNB Infrastructure EPCC Project awarded by Government of Sindh according to the ADP.
- Project Planning
- Project Control
- Budget Monitoring as per approved PC1.
- Project Progress Monitoring according to approved plan.
- Revision of PC-1 with Project planning, Execution & centralized team for approval from Planning & Development Department Government of Sindh.
- Tendering according to SPPRA rules & evaluating to finalize the Contractors for EPIC projects according to approved PC1.
- Established correspondence / Communication procedure with major stakeholders & authorities in P&D & U&B.
- Strong coordination with Government officials for issuance of quarterly & yearly budget allocated against PC1.
- Finalized the Budget of different schemes after detailed discussion with major stakeholders according to actual findings and site conditions.
- Established Planning package for management & Government authorities approval related to all four EPIC projects after several combined discussions with the major stakeholders of management, engineering consultant, contractors & internal support departments.
- Participating in meetings at Planning & Development department & University & Boards department for discussion of official issues related to different schemes.
- Implemented effective project management & project controlling norms in the projects team.
- Implemented project planning & cost controlling techniques in the projects to monitor all projects efficiently.
- Implemented new format for delay analysis and EOT (extension of time) claim for all ongoing projects within all contractors.
- Implemented a new format for risk register and remedial measures within all contractors for ongoing projects.
- Review and approval of project quality plan from different contractors.

- Design review according to project specifications of all received drawings from engineering consultant prior to issue to the different contractors.
- Finalization of engineering & design packages including approved vendors list with consultation of consultant according to ongoing EPCC Projects for further issuance to the contractors for procurement of material & equipment's according to BOQ & approved Design Packages.
- Managed all OEM / Contractors / Subcontractors required for supply of required equipment according to approved design from approved vendor list & for final testing and commissioning.
- Managed FATs for all manufactured equipment's at vendor Premises with OEM & Contractors.
- Implemented strong control on milestone to achieve the deadline for timely completion of Projects.
- Preparation of different technical & commercial proposals according to needs of university for submission & approval at different authorities like P&D, HEC & U&B.
- Completed the projects within the time frame by taking all stakeholders together.
- Got approval of revised PC1 from Planning & Development department Government of Sindh Officials in case of additional works, Engineering changes & delaying of any project activity due to genuine reasons.
- Successfully Completion EPCC projects within time frame without any LTI, according to projects quality & safety standard, within the stipulated budget with a handsome profit amount satisfying programmers & portfolio.
- Close out of EPCC Projects Technically & Financially.

(April2022-June2022)



**Head Electrical & Instruments Operation PepsiCo  
Sukkur Beverages Private Limited**

Sukkur Beverages were incorporated in September 1974 as a Private Company and the Prime introducer of carbonated soft drinks in the interior Sindh region and bordering south region of Punjab. Initially it was a bottling plant of coke, however converted to Pepsi in 1983 and since then has been a devoted ally in mutual growth and achievement of the potential of carbonated soft drinks market in the region.

**Key Accomplishments**

- Managing Operations of 5 MW Powerhouse & Electrical & Instrument department at PepsiCo Sukkur Beverages Plant.
- Enhanced the capabilities of plant Electrical & Instruments team by adding professional resources, tools & testing equipment's.
- Managing Subcontractors & monitoring of all new E&I expansion Engineering projects at SBL.
- Implemented check lists / Format to maintain the maintenance record of each Electrical equipment & Instruments as well during plant Operations.
- Implemented LOTO procedure to maintain proper safety during plant Operation.
- Implemented Permit to work System to maintain the Proper Safety Culture during Plant Operation.

(April 2021 – March 2022)



**Manager Operation  
Accrescent Engineers Private Limited Karachi Pakistan**

Accrescent Engineers is one of the fastest growing companies in Pakistan, providing services in electrical designing, Specializing in Power & Automation, offering expertise in electrical services, designing industrial automation, control process & instrumentation. Accrescent Engineers handles projects ranging from one-hour service calls

to complex, multi-phased design / build projects. Accrescent Engineers is a unique blend of experience involved in installation, testing, commissioning, preventive maintenance, troubleshooting, projects designing services of industrial plants involving power, instrumentation, PLCs and SCADA (Supervisory Control and Data Acquisition). Accrescent Engineers is an innovative Power and Automation Company providing technical solutions and quality services with traditional values. With a team of expertise, backed by years of experience.

### **Key Accomplishments**

- Managing Operation of Company's Projects related to all divisions.
- Enhanced the capabilities of Core Centralized Operation Team for smooth Operation of all running & Upcoming Projects
- Enhanced the capabilities of Proposal & Estimations team by adding professional resources and implemented new PES sheet for proper estimation.
- Enhanced the capabilities of Marketing Business Development Team by adding professional resources and implemented new weekly client engagement format to tap the market efficiently and to establish and proper market tapping record.
- Enhanced the capabilities of central & Projects Planning team by adding professional resources for efficient & proper monitoring of company's running projects and implemented change in invoicing process for strong tracking of all running & pending invoices to maintain the cash flow and for proper financial close out of projects.
- Enhanced the capabilities of execution teams by adding professional, skilled, and quality resources to handle the site execution according to deadlines according to client requirements and settled budgeted targets by the organization.
- Implemented effective project management & project controlling norms in the operation / project's teams.
- Implemented project planning & cost controlling techniques in company & all related sites.
- Implemented new formats for Monthly budget reports & executive summaries including CVR (cost variation report) of all projects.
- Implemented new formats for Latest Forecast (LF) on quarter basis of all projects.
- Implemented new formats for of Monthly projects progress reports and projects financials presentation of all ongoing projects.
- Implemented new formats for of Change order/claims management of all project managers.
- Implemented new format for delay analysis and EOT (extension of time) claim for all ongoing projects.
- Implemented new format for risk register and remedial measures for all ongoing/delivered projects.
- Successfully closeout of all projects without LTI (Loss Time Injury) free by implementing of proper QHSE procedures in all construction team including sub-contractors



(Nov 2019 – Mar 2021)

### **Project Manager EPIC Division Doha Petroleum & Construction Co. DOPET**

DOPET is one of Qatar's leading companies undertaking EPIC projects. This includes shutdowns, turnarounds, Maintenance services, fabrication, valve repair and motor rewinding services. DOPET also have manpower supply and sales representation of prestigious oilfield equipment & service providers. We fulfill all stakeholder requirements with a variety of engineering, procurement, installation, and commissioning (EPIC) services of multi discipline projects. Shutdown, turnaround projects and manpower supply projects for both offshore and onshore fields.

### **Key Accomplishments**

- Established multidiscipline Project engineers centralized team after getting the official approval from customer to handle four EPCC Offshore / Onshore Projects awarded by Qatar Gas Operating Company.
- Reviewed bid package with Project management team to evaluate the project according to actual site conditions.

- Finalized the Budget and Profit margin after detailed discussion with major company stakeholders according to actual findings and site conditions.
- Evaluated and finalized the engineering Contractors for all four EPIC projects according to approved vendor list and consultation with customer.
- Established correspondence / Communication procedure with client & vendor after combined discussions with major stakeholders.
- Approval of Project Quality & Safety Plan.
- Established Planning package for client approval related to all four EPIC projects after several combined discussions with the major stakeholders of client, engineering consultant & internal support departments.
- Implemented effective project management & project controlling norms in the projects team.
- Implemented project planning & cost controlling techniques in the projects to monitor the all projects efficiently.
- Implemented new format for delay analysis and EOT (extension of time) claim for all ongoing projects.
- Implemented new format for risk register and remedial measures for all ongoing.
- Design review according to project specifications of all received drawings from engineering consultant prior to submit to client.
- Got engineering & design approved of all four EPCC projects and procurement POs for material & equipment's,
- placement according to approved vendor list and actual project specifications and requirements.
- Managed all OEM / Subcontractors required for supply of required equipment according to approved design from approved vendor list & for final testing and commissioning.
- Managed FATs for all manufactured equipment's at vendor Premises with Clients.
- Managed site resources / equipment's / tools required at all four EPCC projects to start site activities according to offshore / Onshore Project requirements.
- Implemented strong control on milestone invoices according to contract to maintain the cash flow of running projects.
- Completed the projects within the time frame by taking all stakeholders together.
- Got approval from client on EOT claim with price and additional time.
- Got approval from client against expediting charges.
- Successfully Completed all four EPCC projects within time frame without any LTI, according to project / client quality & safety standard, within the stipulated budget with a handsome profit amount satisfying programmers & portfolio.
- Close out of all four EPCC Projects Technically & Financially.

(Apr 2018 – Oct 2019)



**Lead Electrical & Instrument**  
**Karachi Zone Descon Engineering Limited**  
**Pakistan**

Descon Engineering Limited is an integrated engineering services and manufacturing company operating in Pakistan, Middle East and Africa. Descon is in the business of delivering client-specific solutions for projects related to Energy, Infrastructure and Process industry. The integrated package of services encompasses engineering, procurement, manufacturing, construction, commissioning, and maintenance.

Descon is a multinational company renowned in the region for its quality, safety and on-time delivery of projects and products. All the faculties required to deliver turnkey projects reside within the company. This unique strength enables us to provide solutions as EPCC (Engineering, Procurement, Construction and Commissioning) services provider to a host of international clients.

### **Key Accomplishments**

- Managing Operation of all E&I Projects in Karachi Zone Including Business Development & Proposal & Estimation.
- Enhanced the capabilities of Core Centralized Operation Team for smooth Operation of all running & Upcoming Projects
- Enhanced the capabilities of Proposal & Estimations Karachi Zone team by adding professional resources and implemented new PES sheet for proper estimation.
- Enhanced the capabilities of Marketing Business Development Karachi Zone Team by adding professional resources and implemented weekly client engagement format to tap the market efficiently and to establish and proper market tapping record.
- Enhanced the capabilities of Zonal & Projects Planning team by adding professional resources for efficient & proper monitoring of company's running projects.
- Arranged around 800 million PKR RFQs from different reputable clients & and Won Major to achieve the annual financial targets.
- Implemented effective project management & project controlling norms in the projects team.
- Implemented project planning & cost controlling techniques in the projects to monitor all projects efficiently.
- Implemented Company format for delay analysis and EOT (extension of time) claim for all ongoing projects.
- Implemented Company format for risk register and remedial measures for all ongoing.
- Managed all Subcontractors / OEM required for supply of required equipment's according to projects requirements.
- Managed all required material, tools & equipment's according to projects requirements.
- Managed site resources / equipment's required at all four projects to start site activities according to offshore / Onshore Project requirements.
- Implemented strong control on invoices according to contract to maintain the cash flow of running projects.
- Completed the projects within the time frame by taking all stakeholders.
- Got approval from client on EOT claim with price and additional time.
- Got approval from client against expediting charges.
- Successfully closeout of all projects without any LTI (Loss Time Injury) free by implementing of proper QHSE procedures in all construction team including sub-contractors



(Nov 2016 – Mar 2018)

### **Manager Electrical & Instruments EPCC Project Khanki Barrage Descon Engineering Limited Pakistan**

Descon Engineering Limited is an integrated engineering services and manufacturing company operating in Pakistan, Middle East and Africa. Descon is in the business of delivering client-specific solutions for projects related to Energy, Infrastructure and Process industry. The integrated package of services encompasses engineering, procurement, manufacturing, construction, commissioning, and maintenance.

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### **Key Accomplishments**

- Established site Project engineers' team after getting the official approval from customer to handle infrastructure Khanki barrage EPCC Projects awarded by Punjab Irrigation.

- Reviewed bid package with Project management team to evaluate the project according to actual site conditions.
- Evaluated and finalized the engineering Contractor for E&I activities of EPCC project by consultation with customer.
- Established & agreed correspondence / Communication procedure with client & vendors after combined discussions with major stakeholders.
- Established Planning package for E&I activities for client approval related to EPCC project after several combined discussions with the major stakeholders of client, engineering consultant & internal support departments.
- Implemented effective project management & project controlling norms in the project team.
- Implemented project planning & cost controlling techniques in the project to monitor the project efficiently.
- Design review according to project specifications of all received drawings from engineering consultant prior to submit to client.
- Got approval of Engineering & design of E&I discipline related to EPCC project and procurement POs for material & equipment placement according to approved vendor list and actual project specifications & requirements.
- Managed all OEM / Subcontractors required for supply of required equipment according to approved design from approved vendor list & for final testing and commissioning.
- Managed FATs for all manufactured equipment at vendor Premises with Clients.
- Managed site resources / equipment's / tools required for EPCC project to start site activities according to Project requirements.
- Completed E&I activities within the time frame by taking all stakeholders together.
- Got approval from client on EOT claim with price and additional time.
- Got approval from client against expediting charges.
- Successfully Completed E&I activities of EPCC projects within time frame without any LTI, according to project / client quality & safety standard, within the stipulated budget with a handsome profit amount satisfying programmers & portfolio.
- Close out of E&I activities of EPCC Project Technically & Financially.



(Aug 2015 –Aug2016)

**Project Engineer E&I**  
**AYTB Jubail Saudi Arabia**

AYTB is a leading Saudi, multi-disciplinary industrial contracting company providing a range of services and solutions to oil & gas, petrochemical, power generation & other major industrial sectors of Saudi Arabia.

**Key Accomplishments**

- Established site Project team to start site activities.
- Evaluation and review contract of two IPT Engineering Projects Thermal Combustor & Boiler Projects at Saudi Chevron, Al Jubail Saudi Arabia.
- Evaluation of E&I Scope and Preparations of project requirements, like material, tools, Equipment's & Vendors / Subcontractors.
- Perpetration & approval of E&I activities to incorporate in Project plan & client approval.
- Approval for Project Quality & Safety Plan.
- Generation of material / tools & equipment's inquiries according to client approved vendor list and placement of POs.
- Client Coordination / Project site Meetings
- Site Construction Management / Execution, Pre commissioning & assistance in Commissioning according to project approved design and specifications.
- Managed FAT at vendor Premises with Clients.
- Completed E&I activities within the time frame by taking all stakeholders together.

- Got approval from client on EOT claim with price and additional time.
- Got approval from client against expediting charges.
- Successfully Completed E&I activities of projects within time frame without any LTI, according to project / client quality & safety standard, within the stipulated budget with a handsome profit amount satisfying programmers & portfolio.
- Close out of E&I activities Projects Technically & Financially.



(July2008 – May 2015)

**Senior Engineer Electrical & Instrument Qatar  
Business Area (construction & Maintenance Division  
RLC, Me- Saeed & Dukhan Industrial Area**

Descon Engineering Limited is an integrated engineering services and manufacturing company operating in Pakistan, Middle East and Africa. Descon is in the business of delivering client-specific solutions for projects related to Energy, Infrastructure and Process industry. The integrated package of services encompasses engineering, procurement, manufacturing, construction, commissioning, and maintenance.

Descon is a multinational company renowned in the region for its quality, safety and on-time delivery of projects and products. All the faculties required to deliver turnkey projects reside within the company. This unique strength enables us to provide solutions as EPCC (Engineering, Procurement, Construction and Commissioning) services provider to a host of international clients.

#### **Key Accomplishments**

- Managing E&I Department head of Department in Plant Maintenance & Shutdown Qatar Business Area.
- Completed mega Projects in Construction Division, Small refurbished / EPCC Project brown field project &
- Major Shutdowns & Turnarounds and Maintenance long term contract including manpower supply in Plant Maintenance & Shutdown Division all over Qatar.
- EPCC / Construction Project Management / Execution / Testing & Commissioning with concerned Vendors.
- Major Shutdown & Turnarounds Management / Execution / Testing & Commissioning with Concerned Vendors and Start Up.
- Marketing, Business Development, Proposal & Estimation for E&I EPCC / Construction Project, Long Term, retrofit projects, Maintenance Contracts, Shutdowns & Turnarounds.
- Implemented effective project management, project controlling & Shutdown Management norms in the projects & Shutdown teams.
- Evaluation of E&I Scope and Preparations of projects / Shutdowns requirements, like material, tools, Equipment's & Vendors / Subcontractors
- Generation of material / tools & equipment's inquiries according to client approved vendor list and placement of POs for Shutdowns, Construction & EPCC Projects.
- Site Construction Management / Execution, Pre commissioning & commissioning with concerned vendor / OEM according to projects approved design and specifications & Shutdowns live plants Procedures & parameters.
- Completed E&I activities within the time frame by taking all stakeholders together.
- Got approval from client on EOT claim with price and additional time.
- Got approval from client against expediting charges.
- Successfully Completed E&I activities of projects / Shutdowns within time frame without any LTI, according to project / Shutdowns client quality & safety standard, within the stipulated budget with a handsome profit amount satisfying programmers & portfolio.
- Close out of E&I activities in Projects / Shutdowns Technically & Financially.





(Feb 2006 – Dec 2007)

**Assistant Engineer Electrical (BHP Zamzama Dadu  
Phase II Expansion Project)**

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Descon is a multinational company renowned in the region for its quality, safety and on-time delivery of projects and products. All the faculties required to deliver turnkey projects reside within the company. This unique strength enables us to provide solutions as EPCC (Engineering, Procurement, Construction and Commissioning) services provider to a host of international clients.

**Key Accomplishments**

- Evaluation of E&I Scope and Preparations of project requirements, like material, tools, Equipment's & Vendors / Subcontractors.
- Perpetration & approval of E&I activities to incorporate in Project plan & client approval.
- Approval for Project Quality & Safety Plan.
- Generation of material / tools & equipment's inquiries according to client approved vendor list and placement of POs.
- Client Coordination / Project site Meetings
- Site Construction Management / Execution, Pre commissioning & assistance in Commissioning according to project approved design and specifications.
- Managed FAT at vendor Premises with Clients.
- Completed E&I activities within the time frame by taking all stakeholders together.
- Got approval from client against expediting charges.
- Successfully Completed E&I activities of projects within time frame without any LTI, according to project / client quality & safety standards.

**List of Plants Operations & Routine Maintenance**



Plant Operation & Maintenance at PepsiCo Sukkur Beverages Private Limited.

**List of Executed Projects**



The Begum Nusrat Bhutto Women University Sukkur EPCC Infrastructure Project



Services for Supply, installation, testing & assistance in commissioning of Power factor improvement system at Pak Suzuki.



Meridian (Scatec Norway) 150 MW Solar Power Project (Electromechanical)



Nestle KabirWala Electrical & Instruments Operation & maintenance long term Contract.



Services for Lucky Cement New Bag house lines Electrical / Instrument & Automation expansion Project. (Ongoing)



EPCC Services for Supply, Installation, testing & commissioning of Schneider Electric Busway System at Agha Khan University.



Services for Unilever (Rahimyar Khan) 3 MW Solar power Project (Electromechanical).



Services for Electrical & Instrument with complete automation at KANNUP containerized sea water reverse osmoses (RO) plant.



Services for Supply, installation, testing & assistance in commissioning of EMS system at EBM.



Services for Shell Pakistan (Sukkur & Nawabshah Airport) Terminals modification, Refurbishment & Inspection Projects.



K Electric Grid / Substation refurbishment Projects.



EPCC Services for Supply, Installation, testing & commissioning of Schneider Electric Busway System at Dalda Foods.



Novatex Washing line construction Project.



EPCC Services for Supply, Installation, testing & commissioning of Schneider Electric Busway System at Artistic Textile.



EPCC Services for Supply, Installation, testing & commissioning of Schneider Electric Busway System at Karachi Shipyard.



EPCC Services for Supply, Installation, testing & Commissioning of Schneider Electric bus Busway System at P&G Karachi Pakistan.



EPCC Services for Supply, Installation, testing & commissioning of Schneider Electric Busway System at Soorthy Green. (Successfully Completed).



EPCC Services for Supply, Installation, testing & commissioning of Schneider Electric Busway System at ICI Karachi Pakistan.



EPCC Services for Supply, Installation, testing & commissioning of Schneider Electric Busway System at Ibrahim Fibers.



EPCC Services for Supply, Installation, testing & commissioning of Schneider Electric Busway System at Al Karam Textile.



EPCC Services for Supply, Installation, testing & commissioning of Schneider Electric Busway System at Naveena Steel.



EPCC Services for High Temperature Trip for SRU TGT Reactors in QG2, QG3 & QG4.



EPCC Services for Upgrade of Moisture Analyzer Sensor & Sampling System in Train 1/2/3 at QG Offshore Electromechanical.



EPCC Services at QG Offshore Replacement of CO2 fire Suppression System at PU, PR, and LQ& WH3. Electromechanical Offshore)



EPCC Services for New Preservation Units for Spare Frames 9E Motors & Heat Exchangers (Electromechanical)



Marine Loading Arm (MLA) Installation at Engro VOPAK (EVTL).



Press & PC&L Shop Expansion at Indus Motor Company.



EPCC Services for New Khanki Barrage Wazirabad (NKB).

Saudi Chevron IPT Projects.



EPCC Services for Five Combine Projects at Qatar Gas.



Barzan Gas onshore Project.



EPCC of QG 2 Backup Power Supply System in Qatar Gas.



EPCC for individual continuous Emission monitoring at Qatar Gas.



MEP Project at Lusail city with Sino Hydro.



Construction work for Qatar gas purge reduction system at Qatar Gas.

## SIEMENS

Installation and commissioning work for Lusail City CP1 66 kV GIS Substations in Lusail City SIEMENS/ KAHRAMAA.



Installation of Cathodic protection system (Impressed current) at Qatar gas sea water area.



DGF Purge gas system Project at Qatar Gas.



CIWPP Project Ras-Lafan Qatar with SIDEM, France.



Ras-Lafan Olefin Projects.



Oxychem Pvt Ltd refurbished Project.



BHP Zamzama Phase 2 Project.

### **Major Tasks in project execution**

- Well versed in reading and understanding specifications, drawings, and all other discipline related project and engineering documentation.
- Responsible for Electro-mechanical EPCC Projects start up to commissioning.
- Responsible for resolving site issues with consultation of client & Site Team.
- Responsible for Completion of work within scheduled times without compromising on Quality, Health, Safety and Environment requirements.
- Responsible for ensuring that the subordinates understand and implement the work plan, by explaining and engaging in pro-active communication with the crews.
- Responsible for coordinating with QA/QC department for Work Inspection Reports, snagging list clearance, Preparation of Method Statements, and As-Built Drawings.
- Review project standard and specifications for construction. Monitoring overall performance in accordance with client requirements.
- Developing project execution plan and strategies for completion of job in time, leading construction site teams for execution and supervision, and providing selection for the best technical /economical solutions for project activities and assisting in carrying out for final inspection with client / consultant.
- Reviewing progress reports for client Submission, carrying out client meetings/walk downs with project team to address with immediate action any unexpected site related administrative & technical problems or any kind of difficulties at the time of Project execution.
- Oversee the civil team during civil activities like excavation, foundation pre casting & concreting in EPCC Project.
- Oversee the mechanical team during mechanical activities assembling activities of preservation unit supplied by NIDEC Italy. And lifting activities of motors & rotors for installation inside the preservation units. Lifting & installation activities of inergen skids. Small bore piping & supports Shop fabrication, threading painting & site installation in EPCC Project.
- Electrical design documents reviewing and providing technical evaluations of power system.

- Oversee Bus Tie ducts division, Automation division, BMS division, EMS system division, Solar Division, Sub Station & Grid station Division & Contracting division, monitoring all running projects with initial Design, Procurement, Installation, and Testing & Commissioning.
- Oversee Installation of 33 KV and 66 KV Gas Insulated Switchgear.
- Oversee Installation of local Control cubicles (LCC) for 33 KV GIS and 66 KV GIS Switchgear
- Oversee Removal and Re installation of 3.3 KV, 11 KV and 33 KV AIS switchgear. Installation of copper bus bars and bus ducts for switchgears.
- Oversee Installation of protection / control panels for switchgear
- Oversee Installation and Inspection of Auxiliary and Power transformers along with assembly of parts. (1MVA to 40 MVA.) and Sergi System for protection of transformers
- Oversee Installation and inspection of AVR panels and Transformer Rectifiers and capacitor banks for PF improvement.
- Oversee Installation of LCP panels for Barrage Gates Operation.
- Oversee Installation of NGRs and earthing system and conducting earth resistance tests
- Oversee Installation and inspection of LVAC switchgear, DCDBs and 110 V DC battery bank system.
- Oversee Installation and inspection of UPS fire Alarms system, PSS, VESDA and power management system.
- Oversee Involve in installation of electrical systems and equipment and associated devices and control systems such as but not limited to the following: Medium and Low Voltage cables and raceways, Medium and Low Voltage Power Distribution System (33 kV, 66 kV), PDCS-Power Distribution Control System and interface with the DCS, Electrical Protection System, Programmable Logic Controllers-PLC(Siemens), Medium and Low Voltage Switchgears (ABB, AREVA,SIEMENS), VSD-Variable Speed Drives and Motor Control Centers, Medium and Low Voltage Motors, Power and Distribution Transformer.
- Oversee Installation and testing of the cathodic protection systems (Impressed Current &Sacrificial).
- Oversee Installation of HT/LT transmission line.
- Oversee Installation of cable ladders, trays, and trucking
- Oversee underground/above ground fiber optics cable lying and arranging OTDR Test.
- Oversee underground/above ground HV, MV, LV and control cable lying and Hi pot, IR tests for cables
- Oversee the commissioning activities, give technical solutions for any problems encountered, to prepare and plan for each phase of the commissioning engineer.
- Oversee Functional checks like start/stop, phase sequence and tripping test.
- Oversee Installation and testing of plant/road lighting and small power outlets.
- Monitoring RPM, Vibration, and Temperature of motors during Motor Solo run activity.
- Oversee Installation of fire and gas system, SCADA system at Khanki Barrage.
- Oversee Installation of different process instruments PT, TT, LT, FT, DPT, VS, Radar Type Level Transmitters, Control Valves, On/ Off Valves, SDVs, TCVs, BDVs, loop checks and logic tests for DCS.
- Oversee Serial Link checking between PLC and DCS and I/O list and cable schedule preparation.
- Oversee System & DCS configuration with different Vendors.
- Oversee Installation of Different types of instruments at Water reservoirs. Like, Piezometers, Water Level Sensor, Gate Position Sensor, VOIP Ethernet
- Oversee Installation of system cabinets like PLC, DCS, PCS, PSS, PAGA, FACP, Marshalling cabinets, Telecommunication cabinets, HMI in control room.
- Installation of console set up in CCR.
- Installation and testing of communication system i.e., PAGA system (Speakers, Beacons, and Intercoms) with their vendors.
- Oversee the Installation and inspection of Access Control system (Muster Point and Card Readers)
- Oversee the Installation of Plant Monitoring Cameras. (Movable PTZ CCTVs).

#### List of Executed Shutdowns



Dolphin Energy Shutdown 2015



Qatar Chemical Shutdown 2015



Ras-Lafan Olefin Company Shutdown 2015



Qatar Gas Train 5 Shutdown 2015



Qatar Petroleum Refinery Shutdown 2015



NGL Shutdown 2015



QAPCO Shutdown 2014.



Dolphin Energy Shutdown 2014.



QAFCO Shutdown 2013.



Qatar Petroleum annual Shutdown 2013.



Qatar Gas train 3 Shutdown 2013



Dolphin energy Shutdown 2013



Qatar Gas train 4 Shutdown 2012.



Qatar Chemical Shutdown 2012.



Dolphin Energy Shutdown 2012.



Qatar Gas Train 6 &7 Shutdowns 2011.



Dolphin Energy Shutdown 2011.



FAHAHAIL (FMNS) Stripping Shutdown 2010.



QAFCO Urea 4 and Ammonia 4 Shutdown 2010.



Qatar Gas train 3 Shutdown 2010.



Qatar Gas Shutdown train 1 2009.



Dolphin Energy Warranty Shutdown 2008/ 2009.

### **Major Tasks in Shutdown execution**

- Evaluation of SOW, Procurement of material according to job and plant requirements and specifications.
- Identification of Shutdown scope by visiting the Plant according to scope of work.
- Preparation of Method of statements and JSA according to requirement of job.
- Preparation of work packages to identify the SOW of supervisors, supervisor review and monitoring of the subcontractors works during Shutdown ensure all compliance according to SOW and client requirements, discuss the technical queries on site, identify the problems causes the low productivity, dealing meetings with clients and company management over Shutdown issues and plan.
- Monitor all types E&I maintenance and new installation like all type of electrical maintenance like MV/HV switch gear & testing, relay adjustment with the concerned vendors and new electrical



modification during the shutdowns like HV/LV panels, system panels, control panel UPS and new transformers, cable tray installation, cable laying testing and termination.

- Installation of field instruments.
- Installation of MV, LV Switchgear Panels, Control Panels, UPS system, Generators, GIS System, Distribution Transformers, LVAC/DC Panels.
- Maintenance of HV/LV Switch gear & UPS with their concerned vendor.
- Maintenance of heavy-duty Electric motors in shutdown with client and subcontractors
- Adjustment of relays (Electromechanical, Static & Microprocessor based) and circuit breakers of HV and LV switch gears of AREVA AND SCHINDER with the concerned vendors.
- Laying, Termination & Testing of Power, Control & Instrument Cables.
- Installation of Cable Trays, Ladders and Accessories.
- Installation, Termination & Testing of Distribution & Junction Boxes.
- Arrangement of temporary power supply at plants during Shutdowns
- Pre installation calibration check and pre commissioning loop check of field instruments.
- Overhauling and calibration of pneumatic and hydraulic control valves like, SDVs, On/ Off Valves, Safety Relief valves with vendor

### List of Estimated Projects & Shutdowns as Estimation Engineer

- I had been involved as an Estimation Engineer E&I (Additional responsibility) in proposal Department to support proposal team reported to proposal manager, responsible for preparation and completion of Techno commercial proposals.
- Preparation of bids for Shutdowns, Turnarounds, and small and mega project related to E&I Offshore / Onshore Oil Gas and fertilizers Plants.
- Studying Tenders and reviewing all their terms.
- Sending clarification requests to the client, required for the tender's scope of work & specifications
- Sending inquiries to subcontractors and suppliers.
- Attending pre bid meeting and site visits, to evaluate scope of work and estimation of resources, regarding manpower, equipment's, and materials.
- For compiling Techno Commercial proposal, preparing the complete cost of bid after analyzing and estimates whole tender and compiling in accordance with different discipline to evaluate the total cost of the project.
- Attending commercial negotiation meetings with clients.



Qatar petroleum NGL-3 Shutdown 2009



Qatar Petroleum Fahahail Main North South and Striping plant shutdown 2010



Qatar Gas 7 years maintenance shutdown contract 2011 to 2016



Q-chem. Shutdown 2012



Dolphin energy 3 years' maintenance shutdown contact 2011/2012/2013



Rasgas Train-1 & 2 Gantry Crane extension project.



Installation of new UPS at LQ platform QG offshore.



Qatar gas ESU building relocation project.



Dolphin Camp removal project



QP Refinery Shutdown 2013



QAFCO Shutdown 2013



Dolphin energy Shutdown maintenance contract 2014 to 2019



QAPCO Shutdown 2014



Dolphin energy 5 years maintenance shutdown contact 2014 to 2018



Q-chem. Shutdown 2015



RLOC Shutdown 2015



QP Refinery Shutown 2015



Qatar petroleum NGL Shutdown 2015



QG Back Feed Power Supply Project



QG Truck waving Installation Project



QP Refinery Shutdown 2016



QG Nitrogen skimming project.



QG Rectification of vibration anomalies project.



Press & PC&L Shop Expansion at IMC



Marine Loading Arm Installation at EVTL



PARCO Turnaround and revamp Project



Siemens / K Electric TP- 1000 Projects

Education:

BE. Electrical Engineering                      Quaid e Awam University of Engineering Sciences & Technology Nawabshah Sindh Pakistan

Personal Information:

- Nationality                      Pakistani
- Religion                         Islam
- Marital status                 Married
- No. of kids & age             03 Nos. (8, 5 & 3 years)
- Language Known             Urdu, English, Punjabi, Sindhi, Seraiki,
- Driving License                Qatar & Saudi Arabia
- Passport No. & Expiry                      HV1152213 & Apr-2024
- Countries ever travelled     Qatar & Saudi Arabia