

Imran Sarwar, BE Mechanical Engineer

Delivering Complex Development, Achieve Ambitious Goals & Secure a challenging engineering position

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23+ years of expertise in ensuring successful execution of complex industrial development, integration, infrastructure projects from concept to close-out. Galvanize, develop and lead teams dedicated to surpassing expectation with proven ability to build and maintain strong relationships with in client development, satisfaction, juggling priorities and aligning resources (including multi-billion dollars development costs) and process to unflinchingly deliver on set milestones on schedules, on budget and execute operational optimization initiatives for EPC and EPCM projects in oil & gas, petrochemical, power, sewage treatment plant, pumping stations and airport facilities. Excel at devising risk mitigation strategies. Articulate liaison and negotiator. Resourceful project leader adept at prioritizing schedules, managing resources, building strong relationships with stakeholders and achieving client goals. Expertise with industry and government standards for health and safety compliance. Adaptive and level headed under pressure, with organizational, problem solving and communication talents critical to achieving top performance from teams and ensuring projects are delivered on time and on budget.

EPC, EPCM, Project Management, Engineering, Procurement, Pre & Post Construction Management, Logistic & Delivery, Vendor Management, Fabrication, Installation, Organizational & Communication Management, Negotiation, Problem Solving, Client Satisfaction, Team Building, Leadership, Resource Allocation, Relationship Management, Change Management, Risk Mitigation & Reporting, Asset Management, Planning & Scheduling, Performance Management, Time Management, Earned Value Management, Reports Development, Delay Analysis, Variations, Invoicing, MS Office / Project, Primavera

CAREER HIGHLIGHTS

2015 - May 2017 Senior Planning Engineer
Odebrecht, Abu Dhabi - UAE

Primary point to orchestrating the complex multi-billion dollar of STEP PS01 Pumping Station Project, Abu Dhabi - UAE, which included build of world deepest Shaft, VFD & substations buildings, standby power facility, process & utilities buildings with ductile & HDPE piping and site infrastructure & utilities networks of firefighting, domestic water, sewage and odour air for GRP & HDPE underground & above ground piping, HV & LV cable networks. Supported 2000+ employees and site personals, external contractors and vendors, managed all parties delivered the scope in define plans with expected duration of activities and facilitating unhindered communication between all parties involved.

- Managed all comprehensive planning and scheduling tools to be used in control, monitoring and reporting of project status.
- Provided regular forecasting of project schedule including key milestones & develop EV with SPI & CPI analysis, monitoring reports, week & month look ahead, resource analysis, histograms, S-curves, plans and presentation for higher management.
- Attended regular schedule and progress review meetings with the project team, clients and subcontractors. Production of weekly and monthly progress reports to the project management team and sub-contractors.
- Determined critical path activities for work areas and / or work disciplines and monitor schedule deviations and proposes corrective action/work around solutions.
- Prepared the pre commissioning, commissioning, start up and handing over plans & schedules with considered all project systems & sub systems.
- Performed site visit on every forth-night to ensure all activities progressed as plan and immediate involved proactively if noticed potential delays for any task.
- Enhanced cost effectiveness throughout projects by planning and coordinating all necessary activities in the most efficient manner.

Nov 2014 - Jan 2015 Senior Planning Engineer
Lindenberg, Abu Dhabi - UAE

Spearheaded and developed the all comprehensive planning and scheduling tools to be used in control, monitoring and reporting of build of new construction of 33kV & 11kV substations project at ALain, UAE included transformer area, generator area, switchgear rooms, control rooms, etc.

- Developed of Level III EPC schedule.
- Developed progress measurement systems and reporting of progress.

Dec 2013 - Apr 2014 Project Controls Engineer
Fusion, Salalah - Oman

Coordinated the work of New Construction project of Salalah International Airport in Oman included new ATC , ATM, PTB, Maintenance and several airfield facilities. Managed all aspect of contract delivery included all site progressing, assist & monitored the subcontractors works, development of recovery schedule, participated the meetings with all sub contractors.

- Developed progress measurement systems and reporting of progress.
- Coordinated and managed of schedule interfaces between clients' and subcontractors' activities. Provide regular forecasting of project schedule including key milestones.
- Attended regular schedule review meetings with the project team, clients and subcontractors.

Nov 2012 - Oct 2013 Senior Planning Engineer
Tekfen, Jubail - Saudi Arabia

Led the team of project controls for SADARA PO Project, build of New Construction project of Propylene Oxide Project in Jubail included bulk concrete foundation, pipe racks, tank farm, sub stations, process & utilities piping include CS / SS / Alloy large & small bore piping, heavy & light process equipment, electrical & instrumentation. Brainstorming & responsible for development of EPC schedule for project according to define scope. Coordinated virtual team located overseas to promote cooperation and deliver functionality.

- Managed and responsible for the preparation of Baseline programme (cost & resource loaded primavera schedule of works) for controlling, monitoring and reporting of project status.
- Provided regular forecasting of project schedule including key milestones, monitoring reports, week & month look ahead, resource analysis, histograms, S-curves and plans.
- Attended regular schedule and progress review meetings with the project team, QA/QC team, clients, subcontractors. Produced detailed progress reports, productivity reports, and overall project reports to the higher management.
- Determined critical path activities for work areas and / or work disciplines and monitor schedule deviations and proposes corrective action/work around solutions.

Sep 2008 - Aug 2012 Planning Engineer
Kharafi National, Abu Dhabi - UAE

Conceived, mapped out and executed projects from planning to commission and individual as a member of successful team of several projects to unflinching deliver on client expectations. Shepherded the project scope was WATHBA STP (153000 m3 of inlet) & SAAD STP (80000 m3 of inlet) in which built new inlet area, primary / secondary sedimentation, aeration area, sludge process facilities, digestors, utility buildings, substations, control room and site infra-structure. Integrated Gas Development Project for GASCO at HABSHAN 5 Abu Dhabi in which we built process plant included ICPR, SRU and AGR units which consist of 2 million IND large bore / small bore piping, installed pipe / process racks, installed equipment, columns, regenerators, exchanger, Air cooling units, pumps, tanks, vessels, etc.

- Developed progress measurement systems and reporting of progress.
- Co-ordination of schedule interfaces between clients' and subcontractors' activities. Provided regular forecasting of project schedule including key milestones.
- Attended regular schedule review meetings with the project team, clients and subcontractors.
- Coordinated and liaise with the project manager to ensure that the project progress is on track as per agreed timeline.
- Ensured the effective allocation of resources across all projects to enhance effectiveness and efficiency.
- Anticipated demands for labour, materials, equipment and technical challenges as well as specifying the timing of the contract.
- Prepared the pre commissioning, commissioning, start up and handing over plans & schedules with considered all project systems & sub systems.
- Identifies critical path activities for work areas and / or work disciplines and monitor schedule deviations and proposes corrective action/work around solutions.
- Determined milestones to support project schedule, including identification of contractual milestones
- Ensured that all safety standards are followed and plans are in place to minimize any potential for shortcomings during the construction phase.

Aug 2005 - Aug 2008 Planning Engineer
GHD Global pty. Ltd, Dubai - UAE

Directed and supervised the project of Sharjah International Airport included new construction of arrival, departure lounges, air bridges, baggage handling system, docking system, rehabilitation of existing operational facilities. Asset management for Sewage Treatment Plants & Package systems in Abu Dhabi and Al Ain region. Piloted implementation of significant approaches for boosted and improved the site work progress and handled challenges for reduced and mitigated risks and impacts on projects.

- Developed and managed engineering/design and construction schedule and prepared weekly / monthly progress report for PMT of Airport project.
- Reviewed and approved / commented on the EPC Construction schedules as submitted by the Main Contractor and ensured the Schedule is in compliance with the overall project schedule.
- Develop cost saving reports and engineering / procurement logs.
- Attended regular schedule and progress review meetings with the project team, clients and subcontractors. Production of weekly and monthly progress reports to the project management team and sub-contractors.
- Developed asset reports for sewage treatment plants.
- Developed schedules for new bids.
- Highlighted delays and their impacts to sub-contractors.
- Ensured that all safety standards are followed and plans are in place to minimize any potential for shortcomings during the construction phase.

Apr 2000 - Aug 2005 Mechanical Engineer
Al Jaber Grinaker LTA (ALEC), Abu Dhabi - UAE

Performed responsibilities and roles in Unleaded Gasoline Project in Ruwais, Safe water Project in Mussafah, Evaporator structures for power plants, fabricated and assembled process skids / modules, several multiple project operated from MAFRAQ facilities.

- Worked with project execution team as well in fabrication facility MAFRAQ, Abu Dhabi.
- I had involved in various roles such as planning & scheduling work, detailing work (shop drawing preparation), material take off, worked with fabrication team of heavy/light steel structure, L/B & S/B piping and process skids / modules.
- Worked with rigging department for preparation of rigging studies, worked with technical department.
- Developed technical queries for engineering department.
- Basic types of work include Fabrication & Erection of structure, Piping fabrication/erection.
- Consistent performer with a strong track record, positive attitude, with ability to handle assignments under high pressure & consistently meet deadlines.
- Coordinate interface and interaction with contractor and sub-contractors for specific discipline.
- Final updates of site measurements and reconciliation. And co-ordination in making AS BUILT isometrics, piping general arrangements drawings and steel structural drawings.

Jul 1998 - Apr 2000 Mechanical Engineer
Tass, Abu Dhabi - UAE

- Worked with technical department for support in procurement activities.
- Development of vendor schedule (manufacture till delivery on site).
- Reviewed and approval of vendor technical proposals & documentation.
- Provided support to construction sites with additional or modified drawings, preparation of material requisitions.
- Provided the primary interface with vendor representative for receipt, installation, and completion of equipment and system.

Jan 1996 - Jul 1998 Mechanical Engineer
Steel Construction Company, Abu Dhabi - UAE

- Fabrication and Erection of pipe supports, Storage tanks, structural steel fabrication.
- Construction of utilities and accessories including steam handling equipment.
- Preparation of Show & Engg. drawings of mechanical & steel structures on AutoCAD.
- To keep close liaison with consultants to plan & Develop, drawings as per specification for the execution of projects.
- Coordination with sub-contractors and arrange timely deliveries of pre-fabricated items.

- As member of a Project team, is specifically responsible for supervising and coordinating all aspects associated with project materials.
- Preparation of technical queries and follows up with client, and verifies with site team that corrective actions are taken.
- Final Updates of measurements and making as built.
- Participate in piping punch-listing & documentation and assist site inspectors in performing "witness" and "hold" points and needed.
- Co-ordination with QA/QC department.
- Preparation of variation orders in coordination with project engineers & coordinating with project commercial department.
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Aug 1995 - Nov 1995 Junior Mechanical Engineer
Rafateck, Abu Dhabi, UAE - Taweelah Power Plant B, Lot D

- Fabrication / procurement of pipe supports and supporting structure.
- To keep close liaison with fabrication workshop supervisors & develop the working strategy.
- Final Updates of measurements and making as built.

1994 - Jul 1995 Junior Mechanical Engineer
FD, Karachi - Pakistan

- Fabrication / procurement of equipment and accessories for Equipment installation of Pharma & Cosmetic Industry
- To keep close liaison with vendor to plan & develop the working strategy.
- Coordination with sub-contractors and arranged deliveries of equipment to client facilities.
- Preparation of technical queries and follows up with client, and verifies with site team that corrective actions are taken.

EDUCATIONS & TRAININGS

1988 - 1993	Bachelor of Science in Mechanical Engineering NED University of Engineering & Technology, Karachi, Pakistan
May - 2003	Primavera P3 Training from Emirates Shuaa Computer Institute, Abu Dhabi, UAE
Dec - 2005	Advance level Primavera P3 Training from Emirates Shuaa Computer Institute, Abu Dhabi, UAE
Apr - 2007	Professional Project Management Preparatory Course from Projacs Project Management & Controls Co. Dubai
Jan - 2009	P6 Course 106 - P Advanced Project Management in P6 Client Server from CMCS, Abu Dhabi, UAE
HSE Training	Attended several in-house HSE training like Lock out / Tag out, Site Access, Site PPE, Emergency Safety training for installation, etc.