

PARWAIZ ALAM

KBR, Inc. Majnoon Oil Field Development, Basra (Iraq).

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Field Construction Lead – Mechanical & Piping

Professional Summary:

- A skilled **Field Construction Professional** with **18 years** plus proven PMT, PMC, EPCM & EPC experience of Plant Construction & Management in Oil & Gas, Petrochemical, and Hydrocarbon sectors. I have worked with “**BOC/KBR**” as PMC/EPCM Staff and as company representative with **GAZPROM NEFT (Operating Company)** at Badra Oil field development in Iraq.
- I have worked for mega Oil & Gas projects having competence to achieve project deliverables/planned milestones as per scope of work within the scheduled timeframe & approved budgeted resources through implementation of QHSE standards & promote safe working environment with respect, integrity, commitment and develop good relations with all disciplines.
- Having extensive hands-on experience of Construction & Maintenance Management and Communication Skills from the concept of field survey & report preparation, field execution, inspection, testing, reinstatement, commissioning & start-up (CSU) and handover to asset/customer team with comprehensive understanding of commercial, contracts management and its implications.

Core Competencies:

■ QHSE Implementation	■ Project Scope Study	■ Planning & Scheduling
■ Incident Root Cause Analysis	■ Project Management	■ Monitoring & Control
■ Corrective & Preventive Action	■ Contractor & Manpower Management	■ Delay Monitoring & Recovery Plan
■ Simultaneous Operations (SIMOPs)	■ Construction & Shutdowns Management	■ Look ahead Plan & Implementation
■ Risk Assessment & Hazards Mitigation	■ Documentation & Contractor Evaluation	■ Scope & Change Order Management
■ PTW Authorizer, TRA & JHA Review	■ Integration & Communication Management	

Professional Qualification & Certification:

• NDT Level-II (RT, UT, PT, MPI)	ASNT	2012
• B-TECH (Degree) in Mechanical Engineering.	Bangalore University, India	1998 to 2001
• Diploma in Fire & Safety Management.		
• Certificate in Auto CAD.		
• Certificate in Computer Applications.		

PMT/PMC/EPCM/EPC Project Work Experience:

• Company	: Kellogg Brown & Root Inc. (KBR, Inc). EPCM
Period	: Aug 1 st 2018 to Present.
Position	: Lead Construction Engineer – Mechanical & Piping.
Project	: Majnoon Oil Field Development, Basra, Iraq.
EPC Contractors	: Petrofac, CPECC, CPP, TAAZ
Responsibilities:	
•	This role is accountable to manage (ME&I) contract, to ensures that static & rotating equipment's, piping & pipeline installation on project sites in accordance with engineering & design specification basis, accomplish quality codes & standards requirements, follow the vendor and latest revision of AFC Drawings throughout all piping construction & shutdown activities with HSE procedures implementation/safe working environment in field up to MC and handover.
•	To lead the M&P field construction activities carried out by EPC contractor and their Sub-contractors on project sites for ASP3 & PPP and growth Well Pads project as per engineering work packs.
•	To attend daily/weekly progress meeting as well as review weekly/monthly look ahead plan as submitted by sub-contractor and expedite to contractor that how to achieve targeted milestones and project deliverable.
•	To supervise Xmas Tree installation activities on well pad and co-ordinate with Geomatics (survey team), EPC contractor (engineering & design team) and CWI/HOIST team regarding to set out orientation and site survey reports.
•	To observe and report daily basis field constraints before time that impact on piping scope of work and sub-contractors work front regarding constructability, engineering & design, civil, equipment, E&I and material issues/gape.
•	Review, audit and approve sub-contractors' technical documents, change orders, resolve technical queries (TQ's), SI and estimation proposals, material requisitions (MIV), method statements (MS), rigging studies and lifting planes.
•	To provide technical assistance day to day Mechanical & Piping activities in fabrication yard and field as well as resolve technical conflicts, interface issues with other discipline and sub-contractors.
•	To raise observation/punch list of outstanding items during Pre-MC/Construction walk down before hydro testing and after

reinstatement.

- To co-ordinate with Completion Lead/sub-contractor (GoCCMS Engineer) regarding Pre-MC punch list, ITR closing, MC tracker updating and CRN generation if required. DAC & MCC signing and dossier review.
- To co-ordinate with Completion Lead to raise MC Walk down call email to all stakeholders, to review MC work pack & LEAD the MC walk down of subject sub-system with CSU and sub-contractor.
- To co-ordinate with CSU team regarding MC punch list if any and Completion Lead for dossier construction review, DAC, MCC signing and attend the construction & commissioning weekly/monthly look ahead meeting.
- To co-ordinate between EPC contractor design team and sub-contractors if any formal Technical Query (TQ) and question initiated by sub-contractors that could cause somewhat change, modification and delay as per site circumstances in order to get respond to it requires answers from the EPC design team.
- To sign daily permits (Permit to work) related to GF jobs on project different sites after reviewing all attached supporting documents and physically visit on work site with applicant to ensure all safety measure in place.
- To attend SIMOPS meeting, participate during site visits and review daily & forecast interface plane of sub-contractors with regards to simultaneous activities in one area as well as heavy lifting equipment movements and way access conflicts.
- To review, analyses and approve RLMU as initiated by EPC/EPCM contractor and their sub-contractors.
- To participate daily & weekly HSE site audits, inspections visits as directed by HSE department and assure sub-contractors implemented all HSE procedures, check lists, related safety measure and HSE performance against commitments.
- As part of incident investigation team to report all HSE incidents, investigate and participate during root case analysis.
- Coordination with E & I, Civil, Commissioning, QHSE, Operations, HOIST Team, Rig less and Majnoon team for handover.

❖ **Company** : **GAZPROM NEFT Badra B.V. (Operating Company).**

Period : Jan 07th 2015 to Feb 27th 2018.
Position : **Lead Construction Engineer – Mechanical & Piping.**
Project : **Badra Oil Field Development Iraq.**
EPC Contractors : Petrofac, Samsung, CPP & MSK.

❖ **Company** : **Mott MacDonald LLC. (PMC).**

Period : July 13th 2013 to Dec 31st 2014.
Position : **Lead Construction Engineer – Mechanical & Piping.**
Project : **Badra Oil Field Development Iraq.**
EPC Contractors : Petrofac, Samsung, CPP & MSK.

Responsibilities:

- To supervise, monitor and assist to Construction Manager focal point for the ME&I contract site activities carried out by contractors, subcontractors at daily basis regarding field survey & data collection, demolition work, material gap/ equipment's deliverables, engineering deliverable, RLMU & design review, construction/constructability (all disciplines), tie-in/shutdowns, inspection, mechanical completion/PL/ITR's closing, pre-commissioning, CSU, progress report, engineering work pack, LOSH & sub-systems, scope of work, change management, SI's, STQ's in addition to resolve daily technical conflicts and interface issues in filed.
- To participate during daily & weekly HSE walk down, assure implementation of HSE measures and promote safe working environment as site.
- To attend daily & weekly progress meeting regarding the field activities as per weekly look ahead plan and participate to prepare delay recovery level-4 plans.
- To participate, review and generate the site survey & data collection estimate report to OC team with construction inputs.
- Responsible for the monitoring of material gap, coordinate with project warehouse and OC engineering procurement team for the material & equipment's deliverables and ensure procurement plan aligned to project completion schedule.
- To co-ordinate with OC team for engineering deliverables (GA's, P&ID's, isometrics, LOSH and MTO) and coordinates same with construction team at daily basis.
- To participate, review the RLMU & BOM, analyzing the design (drawings), to check the constructability, cost effectiveness, safety point of view and determine all material to accomplish the design as per RLMU.
- To co-ordinate with engineering & design team and work pack engineer regarding constructability, design, and technical data.
- To liaise with engineering discipline engineers, client operations & maintenance team, commissioning and other construction disciplines leads (QA/QC, Civil, Mechanical and E&I) during all stages of design review and construction.
- Ensuring contractor working as per scope of work, scope change orders properly documented and approved prior to start execution.
- To co-ordinate with project planning & control team for change orders, SI's budget reviews, daily & weekly progress review and discuss the constraints issues.
- To co-ordinate with Go Completion Lead for MC work pack, completion trackers report, punch list & ITR' closing and updating.

❖ **Company** : **Samsung Engineering Co., Ltd (EPC)**
Period : Nov 24th 2011 to Dec 10th 2012.
Position : **Construction Engineer – Mechanical & Piping.**
Project : Shah Gas Development PKG#04 (Utility & Off-sites) GASCO. Abu Dhabi

Responsibilities:

- To lead the site execution team and responsible for the erection of Steel Structure, Static & Rotating Equipment's, and Piping Installation.
- Responsible to conduct daily toolbox talk & progress meeting with area superintendents, site planners, material management team, QHSE team at site and to discuss daily targets plan, allocation of equipment's as per job tasks, material requirements and to resolve construction as well as QHSE daily site issues.
- Preparation of rigging study & lifting plan for installation of mechanical equipment's, steel structure assemblies and pipe spools.
- Responsible for the erection of light & heavy steel structure at site and to control all related activities like as chipping & padding, structure pre-assemblies at site, erection of steel members & assemblies, alignment & plumpness inspection, bolt tightening, grouting, corrugated sheets installation, final punch list, release note preparation for fire proofing, final paint touch-up, release note preparation for other discipline activities and final mechanical completion (MC).
- Responsible for the installation of static & rotating equipment's like as vessels, fire heater, Boiler, column, compressors, fin fan coolers, exchangers, mixer, filters, and pumps and EOT Cranes at site safely.
- Responsible for the installation of pipe spools fabrication & erection, pipe supports fabrication & erection, planning & scheduling of work front, develop the work packs for execution team planned for effective monitoring of daily progress targets and test packages RMC targets.
- To co-ordinate with civil team for chipping, padding, and grouting after leveling & alignment of equipment's, carried out the installation of internals in vessels and columns at site.
- To-ordinate with client team at daily basis for modification work and send request for change order or site instructions.
- Co-ordination with planning team (QS, FEDC & Site Planner) for change orders, technical quires, as built and field instructions.
- To attend daily progress meeting with Project Manager & CM, weekly progress meeting with Client Management and discuss all objective regarding HSE, QA/QC, Cost & Control, Monitoring and scheduling.
- Interdepartmental coordination like QA/QC, HSE, welding, fabrication workshop, blasting & painting shop, base planning & FEDC, scaffolding and rigging teams during execution in field.
- Co-ordinate with FEDC & MC team to handover test package copy, sub-system P&ID copy, sub-system punch list of outstanding's and preparation of reinstatement plans.
- Highlight all problematic areas, identify the client related issues to fix and expedite to the execution team, to achieve the project mile stone dates before time and participate during PSSR client walk down for PL3 & PL4 punch list.

❖ **Company** : **Hyundai Heavy Industries Co. Ltd (Qatar) – EPC**
Period : **May 1st 2010 to 24th Aug 2011.**
Position : **Construction Engineer – Mechanical**
Project : **Qatar Shell Pearl Gas to Liquid Conversion (QSGTL) Project –C4, FGP, Ras Laffan-Qatar**

Responsibilities:

- Supervising all field personnel related to M&P discipline as required to successfully complete the project on schedule and within budget with maintaining the highest quality while administering good construction safety practices with all on-site activities.
- Responsible for supervising all field personnel of a discipline to achieve completion of the project on schedule, with quality workmanship that conforms to original plans and specifications.
- Maintains construction schedule, identifies and solves problems. Orders materials and schedules inspections as necessary throughout the process.
- Monitor daily construction details and daily progress in my area. Prepares schedules and supervises completion of a final punch list.
- Oversees the implementation of work packages, from approval to work thru package closeout and post maintenance testing.
- Maintain the highest quality standards while administering good construction safety practices with all on-site activities.
- Promotes job site safety, encourage safe work practices and rectify job site hazards immediately. Regularly participate in HSE meetings, toolbox talks, and daily jobsite walks and keep a meticulous record of these.
- Prepare reports and forecasts relating to construction progress, job manpower forecasts etc.
- Monitor the activities of subcontractors to ensure compliance with specifications and procedures and with the project objectives for safety, quality, productivity, schedule and cost. Provide solutions to subcontractor's problems in order to achieve the successful execution of the project.
- Responsible for the implementation of construction work processes, project procedures and instructions within assigned operations.
- Ensure that the material handed over to the Subcontractor is controlled, preserved and issued for the intended purpose.
- Serves as a coach and mentor for less experienced staff

❖ **Company** : **Saudi Arabian Saipam Ltd. (EPC)**
Period : May 2007 – Jan 2010
Position : **Construction Supervisor (Piping & Equipment)**
Project : **Khurais Mega Project (WIP Unit). Saudi Arabia**

Responsibilities:

- To attend daily & weekly progress meeting with project manager and client representative.
- To responsible for the supervision of ME&I scope like replacement & installation steel structure, piping, ESD & Obsolete SDT Valves and actuators at site.
- To review/survey of existing facilities, collect & confirm basic data and co-ordinate with FEED services provider and EPC contractor to verify and detailed technical solutions for the replacement work.
- To prepare necessary queries about design, supply, engineering, cost & shutdown wise tag requirement with necessary instruments, inspection and testing, commissioning procedure for the modification of existing DCS and IPS system.
- Liaised with contractor's team to ensure deliverables to meet all construction needs before time.
- To participate for the preparation of construction procedure, invoices, deployment planes and submit to company for review.

❖ **Company** : **BILFAL Heavy Industries Ltd., (EPC)**
Period : Oct 2004 – Feb 2007
Position : **Construction Supervisor – Mechanical**
Project : **MARAFIQ POWER & DESALINATION PLANT Project, Jubail, K.S.A.**

Responsibilities:

- To responsible and accountable for the delivery of off stream inspection & shutdown jobs as per agreed budgetary revenue, QHSE standards, productivity & efficiency targets with the requisite authority to execute and implement necessary decisions.
- To lead all disciplines activities at site, to complete pre & post shutdown planning, like as site survey, planning, execution, material, equipment & plant, manpower, QHSE, sub-contractors and administration for Off Stream Inspection, annual & routine shutdowns and call out services long term maintenance contract.
- Responsible to maintain progress & productivity status reports, to ensure execution of project as per plan, all the resources (including HR, material, equipment's & plant) necessary for the execution are within the stipulated budget allocated to the project to control the cost of the project.
- To attend daily meetings with client as well as deliver weekly presentation for progress aligned with schedule and look ahead plan.
- To check all data sheets earned man hours, actual man hours, efficiency, costing & budgeting, stage progress monitoring & updating, analytical study and consumables data sheets.
- To co-ordinate for all resource's mobilization with departments team leaders and personally make sure like as mobilization of tools & equipment's, manpower at site, HSE inductions & trainings and third-party inspections of tools & equipment's.
- Numbers of equipment's involved for inspection & overhauling in this contract as of Exchangers, Vessels, Columns, Fin Fan Coolers, Fire Water Tanks, Valves, Hot & Mod jobs and other technical callout services for routine work and annual per-scheduled turnarounds.

❖ **Company** : **Indian Oil Corporation Ltd., Barauni-Bihar (India)**
Client : **Indian Oil Corporation Ltd**
Period : Oct 2002 – Aug 2004
Position : **Site In-Charge (Mechanical & Piping)**

Responsibilities:

- To responsible for site execution as steel structure, equipment's and piping fabrication, installation and demolition work on site.
- Daily meeting with execution team planner & supervisors about daily targets and completion dates as per defined schedules.
- Daily meeting with material management team (Material coordinators) and site planner for planned material feed up to execution team and make available on site timely.
- Planning & scheduling of work front, develop the work packs for execution team intended for effective monitoring of daily progress targets and test packages RMC targets.
- Interpretation of P&ID's, piping isometrics, GA drawings, plot plans and equipment drawings.
- Highlight all problematic areas, identify the client related issues to fix and expedite to the execution team, to achieve the project mile stone dates before time.
- To prepare achievable forecast plan for Pre-commissioning, commissioning, and co-ordinate with PSSR team (Pre-start Safety Start Review) for final punch list.

HSE TRAININGS:

<ul style="list-style-type: none"> • Incident Investigation Lead • PTW Holder/Applicant/Authorizer • PICWS (Person In-charge at Worksite) • HIRA Training (Hazards Identification & Risk Assessment) • H2S Intensive Level 3 • H2S Competency Training • H2S Awareness & ESCAPE 	<ul style="list-style-type: none"> • Basic Fire Fighting • First Aid Training Course • DDT (Defensive Driving Training) • Gas Mask, SCBA Training • PTW Applicant (construction & commissioning) SGD. • SSKLW (Supervisors Skills Leadership Workshop)
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COMPUTER SKILL:

- Well versed with Auto CAD, Microsoft Office Package, especially Microsoft Word, Excel & PowerPoint & WIN Pcs. On job exposure of managing huge technical databases, preparing complex flowcharts and compiling comprehensive document packages. Fast Touch-Typing Speed

PERSONAL DETAILS:

- Nationality : Indian
- Date of Birth : 15-Apr-1980
- Civil Status : Married
- Languages Known : English, Hindi, Urdu, and Arabic

PASSPORT DETAILS:

- Passport No: R1104552
- Issue Date – 20.07.2017, Expiry date – 19.07.2027,
- Place of Issue – Patna (India)