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Almostafa Mohamed Abd Elfatah

Project/Engineering Management

**PERSONAL INFORMATION:-**

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| --- | --- | --- | --- |
| Graduate | | B.Sc. in Mechanical Power Engineering {2007},  Alexandria University, Egypt. | |
| Grade | | Very Good with Honor Degree {83.1%}. | |
| Ranke | | The Fifth. | |
| Graduation Project | | CNG (Compressed Natural Gas).  Its new technique for importing natural gas in pressurized vessels on ships. | |
| Project Grade | | Excellent {98%}. | |
| Nationality | :-Egyptian | |
| Languages | :-Arabic, English | |
| Date of Birth | :-01-09-1985 | |
| Marital Status | :-Married & have one son. | |
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**PROFESSIONALS:-**

* PMP:- Project Management Profession from Project Management Institute{2013}
* Project Management Mastery from Stanford University{2013}

**EXPERIENCE SUMMARY**

7 years of experience in international EPC oil & gas in Engineering, Project Management, & Supply Chain Management.

(Petrofac International ECOM in UAE-Sharjah/ KSA-Alkhobar)

**OBJECTIVE:-**

Seeking for a challenging position, where I can use my engineering profession, personal & managerial capabilities.

I am eager to learn & develop myself to suit any new challenging duties.

**DETAIL INFORMATION**

**PROJECTS:-**

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| --- | --- | --- | --- | --- | --- |
| Project \* | Client | Location | | Cost | Working Period |
| ISG  Insalah Gas 2nd compression Stage | BP-British petroleum | Algeria | | 1.2 B.$ | 13 Month  3 M. at Valves vendor shop in Italy(Supply Chain Management) |
| KDC  Kauther Depletion Compression | PDO  Petro.Dev. of Oman | Oman | | 0.8 B.$ | 9 M. |
| QP  SRU & AGRU | QP  Qatar Petroleum | Qatar | | 0.6 B M.$ | 11 M. |
| South Yolten Gas Field Development | TMG Turkmen.  Gas | Turkmenistan | | 3.4 B.$ | 23 Month(PM Assistant) |
| JAZAN Refinery Tank Farm | ARAMCO | Kingdom of Saudi | | 1.7B.$ | Since Jan 2013 (Delivery Manager of Electric/Instrument/Telecom) |
| Proposals:-  1.NGL4  2.La Shakhira  3.KOC pipeline | ADCO  ARAMCO  KOC | | UAE  KSA  Kuwait | | 2 M.(costing & tendering) |
| \*For more details please refer to the last page. | | | | | |

**IN THE PREVIOUS PROJECTS MY ROLE INCLUDES:-**

**Engineering Design:-**

Piping Engineer

* Design/Calculate pipe wall thickness, reinforcement pads, supports..etc and others as per relevant piping codes and standards, Preparing and reviewing piping specifications& data sheets in accordance with international STD, client STD, project specification.
* Prepare & Issue technical requisitions (RFQ/PR)of all piping items :-pipes , fittings & valves, Prepare and coordinate Material Take-off (MTO) activities and provide necessary details for further procurement activities & monitor /control the material quantities ( ordered, surplus, spare, wastage,..etc).
* Review/Approve all vendor documents to assure the compliance with the design and technical requirements. Prepare technical Bid evaluation for comparing between vendors offers.
* Estimate the cost of piping items in proposals as per daily market price & Prepare the final piping cost summary for bidding.
* Check the equipment orientation drawings for static & rotating equipment, check the model for clashes considering spacing, accessibility, operability and maintenance requirements & develop or re-design the routing to meet the requirements.
* Familiar with ASME/ASTM/API/Shell/ARAMCO.

**Management**

**In Project Level:-**

Jobs title:-

Expeditor (office/field)/field Inspector, Project Engineer, Project Manager Assistant, Delivery Manager (Electric, Instrumentation, Telecom).

**MY ROLE INCLUDS THE BELOW ACTIVITIES AS GENERAL**

In the Planning stage of the project

* Support the Project team in developing a detailed and comprehensive project plan with associated communications documents for the project including :-

Preparing detailed work breakdown structures, L3 schedule, addressing ticket pricing, timelines, deliverables, venue analysis, budgets, resource allocation, suppliers, legal obligations, staffing, risk assessment, etc.

* Support the Project team in risk management process and reporting.
* Support in the development of a mechanism to initiate proposed improvements in terms of process, deliverables, activities, schedule baseline...etc.
* Support management team in buy/make decision & finalize the procurement strategy.
* Establish the system & procedure for measuring the progress, monitoring & reporting.
* Develop the project execution plans ( management, engineering, procurement, quality…etc)
* Plan for HAZOP, Model Review, constructability review, main design venues:-

By listing down all the requirements, ensure all deliverables required for the venue are available in advance, communicate with facilitator & finalize the contractual issues, communicate with client to get his approval, ensure all admin issues are addressed & closed, before the venue.

In the Execution stage of the project

* Support the Project teams in the execution of all project execution plans.
* Establish & manage the communication channels between departments, management, client, & vendors.
* Ensure that company lesson learned, company assets, culture & policy are maintained for all teams & take preventive actions accordingly.
* Ensure interfaces between disciplines are addressed, reviewing design & facilitate completion of the design & engineering work.
* Perform root cause analysis for all roadblocks, & take the corrective action.
* Manage technical/financial problems & provide the necessary solutions as exampled below:-
* Compromising between using steel pipes & ducts for hot air for combustion:-

By collecting all the data required to compare (engineering / Manufacturing /delivery /construction & integrity wise) then coordinate between Process/Mechanical/Piping in a brain storming session to finalize the layout with the most optimum(engineering & economical wise) solution which is changing the equipment locations provided in the FEED/contract to use steel pipe with the minimum run, finally get approval from all stake holder for this change request & monitor the implementation in the deliverables.

* Establish the Interface logic between construction subcontractors with respect to scope, constructability,& Schedule avoiding any clashes.
* Manage project deliverables to client, addressing client requirements, & managing the contractual changes.
* Manage & direct the team by expert authority, persuading, appreciation & motivation.
* Track all changes in the engineering; ensuring that changes are implemented by all teams as per change management procedure.
* Manage the supply chain process starting from bid evaluation, placing orders, vendor manufacturing, & shipping till delivery at site:-

I stationed in Italy valve manufacturers 3 months to :-

1. Expedite, review & monitor vendor production/progress, documents & all deliverables to meet the contract schedule.
2. Perform functional tests for actuated valves.
3. Witness for the following NDT tests on ball valve (PMI-Positive material identification ./ LP-Liquid penetrant / MP-magnetic particles /UT-ultrasound, Pneumatic & gas tests for shell & seats, Hydro static seat & shell test,Visual & dimensions checking.)
4. Work closely with logistics till receipt at site.

* Managing piping fabrication shops ensuring appropriate schedule & quality as per project requirements, & solving all technical problems in quality or design to meet project specifications.
* Supporting construction &addressing site requirements, providing all support required from design change, material control, prioritizing equipment/bulks/steel delivery& assuring all delivery are in line with construction schedule.

In the Monitoring & controlling stage of the project:-

* Monitor all engineering deliverables from different department, ensuring that it meet project schedule, client specifications, requirements & procedures.
* Monitor & control engineering progress check the variances, by holding a regular progress review meeting with all stakeholder to develop improvement plan to address the shortfall & negative variance & insure plan mad is implemented.
* Monitor the quality of the work & arrange for internal auditing to assure that procedures & polices are met.
* Control the changes in: - scope, schedule & budget.
* Assisting PM for progress reporting & highlighting the potential areas of variation that may arise during project execution & providing the solutions to avoid.
* Monitor vendor performance.
* Monitor the integration plan & ensure that it has been implemented.

In the Closing Stage of the project:-

* Close all the procurement activities, by completing vendor invoicing, getting client approvals, & site delivery.
* Audit the data base of deliverables & Close all client comments on all deliverables, get final approval.
* Check that all contract requirements have been met & accepted by client.
* Collect all lessons learned from team before demobilization & upload them on the company system.

**My KPI:-**

* Meet the contractual milestones.
* Meet Baseline schedule by meeting:- Commodity release plan targets, ROS Dates for all IFC Deliverables, ROS Dates for all Commodities & Contractual handover date.
* Meet the baseline budget by arresting commodity growth & change Orders within set targets.

**In Program Level:-**

* Develop a Bench mark data base for disciplines to monitor & ensure the discipline integrity for all projects starting from proposals till handover.
* Support home office in establishing the new office; by setting the rules, systems, training the new employee to get them familiar with company culture/assets, & building the procedures & systems in dealing with client.

**STRENGTH KEY FACTORS:-**

* Managing the delivery (engineering, ordering, procurement, manufacturing, logistics,& delivering the items to site on time).
* Risk Management.

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| **PERSONNEL SKILLS:-** | |
| Motivation & Drive   * Appreciation & recognition. * Highly proactive / takes the initiative. * Committed to the project and to the role. * Persistent: maintains drive and pursues finishing tasks * Focused. * Translate design ideas into practical project outcomes * Deadline driven.   Resilient   * Responds well to pressure. * Maintains performance in the face of adversity. * Able to deal with difficulties & diversity.   Flexibility / Adaptability   * Deals well with ambiguity. * Adapts to unfamiliar tasks / situations quickly. * Able to multi task. * Assesses priority; reacts quickly to changing priorities. * Accommodate management & client satisfaction.    Interpersonal   * Establishes rapport quickly. * Builds and maintains relationships and networks. * Confident in dealing with people. * Facilitates communication between diverse groups. * Diplomatic. | Influencing and persuasion   * Empathic (able to understand others’ points of view) * Negotiates, & analytical convince.   Communication   * Recognize when team work is essential & Up level communication is important. * Seek to formalize the communication channels. * Precise & clear messages through correct communication channel. * Able to translate importance of commercial aspects of actions to none commercial groups. * Listen first and seek for understanding. * Talented in delivering & presenting information (reports, issues, presentations…etc)   Decision making   * Assertive and confident in making decisions * Assesses alternative courses of action * Pragmatic in considering options * Uses intuition and knowledge & analytical methods effectively in making decisions     Change Management   * Consistently assesses the commercial, schedule, and manpower impact of ideas and proposals * Looks at how to maximize benefit from changes * Questions need for change as appropriate, and looks for most efficient way of effecting changes |

***Courses In:-***

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| --- | --- |
| ***Soft Skills:-***  >E-learning course in Time management.{2009} /E-learning course in How to write an official E-mail. {2009}  >E-learning course in Interpersonal communications. {2009}/ Communication skills, work shop. {2010} / Managing diversity {2012}  >Understanding yourself work shop. {2009} / Presentation skills, workshop{2010} / Team work, work shop{2010}  >Problem solving, work shop{2010} / Analytical solutions{2011} / Conflict resolution {2011} /  >Risk & Mitigation {2010}  >Negotiation skills {2011} / Handling Stress & Pressure {2011} | **Engineering Field:-**  >One week Oil & Gas construction course {2009}  >Three days Pipe line & Tanks Construction course{2009}  >One Week piping layout & material by SI Institute {2011}  >Introduction to Project Management 2 days {2011}  >PMP Course from Proxalt.{2012}  >Project Management Mastery {2013} |

**INTRODUCTION TO MY CURRENT EMPLOYER:-**

Petrofac is a leading international EPC services provider to the mid-stream oil and gas production and processing industry, with a diverse customer portfolio including many of the world’s leading integrated, independent and national oil and gas companies.

It is based in UAE for management & procurement, & engineering are based in satellite offices in India & Indonesia.

**PROJECTS BRIEFS:-**

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| --- | --- |
| **INSALAH GAS(ISG)**  US$1.2 billion lump-sum Engineering, Procurement and Construction (EPC) contract In Salah Gas (ISG), an association between Sonatrach, BP and Statoil, to develop southern fields in the In Salah development.  Scope is a new central production and gas gathering facility at In Salah comprising two dehydration trains, with the capacity to produce approximately 16.8 million cubic metres of gas per day, associated permanent camps, and approximately 300km of pipelines for gas collection from the in-field wells and export to the existing Krechba facility.  **QATAR PETROLEUM**  US$0.6 Billion lump-sum Engineering, Procurement and Construction (EPC) contract for a gas sweetening facilities project in Qatar’s Messaieed and Dukhan industrial districts by Qatar Petroleum (QP).  Scope is sweetening facilities in both locations which includes a sulphur recovery upgrade at NGL-3 in Messaieed and an acid gas recovery plant at Arab-D in Dukhan & PP 200 Km pipeline connecting both.  **JAZAN**  US$1.7 billion lump-sum Engineering, Procurement and Construction (EPC) contract in Saudi Arabia, by ARAMCO.  Scope is 90 tank (5m dia – 106m dia) floating/fixed roofs, 9 LPG spheres, truck loading unit, transfer pumps, metering skids, associated substations, process interface buildings,& telecom systems. | **KAUTHER DEPLETION COMPRESSION PROJECT**  US$0.8 Billion lump-sum Engineering, Procurement and Construction (EPC) contract for the Kauther gas field depletion compression (KDC) project in north Oman, by Government of Oman ,Petroleum Development Oman (PDO).  As the existing Kauther field depletes, the depletion compression facilities will ensure longer term sustainability of the field.  Scope is two depletion compression trains, an inlet separation system, a condensate handling system, new control system, upgraded utilities and a complete electrical infrastructure to handle the compressors’ variable frequency drives, The scope also involved a combination of green field and brown field activities encompassing significant tie-ins and modification alongside the existing facilities.  **TURKMEN GAS**  US$3.4 billion lump-sum Engineering, Procurement and Construction (EPC) contract in South Yoloten, by the government of Turkmenistan.  Scope is to Process 10 billion cubic metres of gas per year, The feed gas from the 40 wells contains up to 6% H2S, and the development includes gas treatment unit (GTU) and sulphur handling facilities ( SRU, AGU,AGRU, sulphur bagging for export,& loading arms,), along with well pad facilities, gathering facilities, trunk lines,(central processing facility), infrastructure and utilities, condensate processing, storage and 100 kilometres of 56” export pipeline. |