

ADDRESS: AL KHOBAR, EASTERN PROVINCE, SAUDI ARABIA

PHONE NO.: +966541303575

E-MAIL: [M\\_ASSEM1982@YAHOO.COM](mailto:M_ASSEM1982@YAHOO.COM)

BIRTH DATE: 1-8-1982

NATIONALITY: EGYPTIAN

MARITAL STATUS: MARRIED

## **MOHAMMED ASSEM ABDEL-MOTA'AL**

### **SUMMARY:**

With 20 years of experience in mega EPCI inter-disciplinary projects, I bring a proven track record in project field engineering, and construction. My expertise spans diverse sectors, including METRO & RAIL, CEMENT, GRAIN STORAGE and POWER in addition to delivering RESIDENTIAL and COMMERCIAL building projects. My credentials include PMI-PMP and PMI-RMP certifications, underscoring a commitment to delivering proactive, structured and risk-managed project management and leadership style. I also believe that learning is a continuous process and that's what makes me always eager to be technology up to date.

### **EDUCATION:**

1999 - 2004 **Cairo University - Giza , Egypt**

**Faculty of Engineering – B.SC, Structural Engineering**

- Grade Attained: Good.

### **CERTIFICATION:**

November 2014 **Project Management Professional (PMP)**

**Project Management Institute (PMI).**

- PMP Number:1765448

August 2017 **Risk Management Professional (RMP)**

**Project Management Institute (PMI).**

RMP Number: 2071371

### **INDUSTRY SKILLS:**

- Knowledge and application of different construction techniques (CFA piles, precast concrete, post-tensioned slabs, slip forming, micro-tunnelling, diaphragm walls and others)
- Thorough Health, Safety and Environmental awareness.
- Collaboration with QA/QC teams.
- Cost estimation and pricing in Saudi Arabia and Egypt markets.
- Excellent technical coordination and inter-disciplinary attitude.
- Familiarity with different Design and Construction Codes and Standards (ASTM,ACI-318 ,BS EN 1992-1-1:2004 ,SBC, ECP 203-2018,AASHTO,NFPA,AASHTO, ARAMCO Standards : SAES,SAEP,SABP and others)
- Study of FEED packages developed by Tier-1 design firms for bidding purposes in pre-project phases.

## WORK EXPERIENCE:

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### **AREA PROJECTS MANAGER**

May 2022 –Current

#### **AL ABDUL QADER FOR CONTRACTING AND TRADING**

Eastern Province, Saudi Arabia

#### **ROYAL SAUDI NAVAL FORCES PROJECTS**

- Directed Royal Saudi Naval Forces Projects Division managing Technical Institute of Naval Studies Project in Dammam in addition Civil works Project for the Supply of Avante 2200 Corvettes in King Faisal Naval Base in Jeddah.
- Estimation of costs for bidding purposes and sharing in Go/No Go decisions. For instance, Prince Mohammed Bin Fahad Stadium Development Project and Onshore Terminal and Marina in Dammam and Jubail, Package 5, The Rig Project. In addition, The National Maritime Information Center in Riyadh (successfully awarded)
- Assistance in developing an enterprise organization structure.
- Monitoring of on-going projects in terms of time, cost and quality.
- Attending management meetings for monitoring of progress and issues.
- Review of contracts and claims.
- Leading technical coordination among engineering disciplines between in-house engineering firm and contracting company.

### **TECHNICAL MANAGER**

June 2020 –May 2022

#### **CONCORD FOR ENGINEERING AND CONTRACTING**

Cairo, Egypt

#### **CAIRO METRO LINE 4 /ELECTRIC EXPRESS TRAIN ALAMEIN-SOKHNA LINE**

- For High-Speed Rail Project (Alamein-Sokhna),pre-project meetings attendance with owner and consultants for coordination of utility diversions and BoQ finalization for early start of works.
- Attending construction meetings and site walk-throughs to address issues, formation of look-ahead schedules
- Construction sequence and method statements preparations.
- Assistance with planning team for project schedule/budget preparation
- Conceptual quantities estimations.
- Review of contracts/sub-contracts.
- Coordination with other disciplines (Track).
- For Cairo Line 4 Metro Project , studying project engineering deliverables(specs, drawings, baseline schedule, BoQ,...etc) from JICA Nippon prior to start for Vertical Shaft, Hadayek Al-Ahram, Madkour and Al Mesaha deep underground stations.
- Preparation of quantity estimates and technical office plans(organization charts, budget ,sub-contracts,..etc)
- Assistance in technical office works for other projects(micro-tunneling)

**TECHNICAL OFFICE SECTION HEAD**  
**REDCON CONSTRUCTION**  
**LATIN DISTRICT PROJECT – NEW ALAMEIN CITY**

May 2019 – June 2020  
Northern Coast, Egypt

- Managing technical office of Latin District Project comprising 58 residential buildings construction in 14 clusters in New Alamein City.
- Follow up shop drawings preparation, submittal and approval by consultant
- Preparation of Client monthly invoice.
- Quantities survey preparation and review, submittal and approval process follow up.
- Resolving site technical queries.
- Review of sub-contractors' invoices.
- Meeting with NUCA and New Alamein City Authority for pricing committees and project financial related issues.

**CONSTRUCTION MANAGER**  
**FAST CONSORTIUM RIYADH METRO ALLIANCE**  
**RIYADH METRO PROJECT – SABIC TRANSFER STATION**

June 2015 – February 2019  
Riyadh, Saudi Arabia

- Managing technical office of underground 330 meters long transfer metro station 4C2/6D1 between lines 4 and 6 of Riyadh Metro Project.
- Supervising a team of one junior engineer and a site superintendent in various execution activities.
- Review of engineering deliverables and clear any inquiries before the start of construction.
- Coordination with MEP team during construction.
- Review of method statements/sub-contracts/PO's for different activities.
  
- Coordination with Survey Team and ensuring that survey works are always based on latest documents
- Attending weekly meetings with Project Consultant (Ramped) to discuss any site observation and solve it and look-ahead schedules discussion.
- Attending quality meetings to address any quality concerns and work on proposed preventive/corrective actions
- Review of monthly subcontractors' invoices.
- Following up with rebar/formwork suppliers, as the site is self-performing, to ensure supply is on time and that shop drawings are approved in time.
- Production of design changes as required and following up internal approval with engineering team and external approval with Client.
- Managing site works of underground 330 meters long transfer metro station 4C2/6D1 between lines 4 and 6 of Riyadh Metro Project.
- Managing construction of station 4C2/6D1 entrance tunnels to Al-Imam University
- Managing utility diversions (MV/HV lines, Storm Water, Irrigation, Communication,...etc) in the station 4C2 and Cut and Cover zone prior to excavation works for metro line.
- Communication in a proactive way with Design Team, Procurement Team for related issues in order to ensure that construction works are going with no delays.

- Directing earthworks, waterproofing, formwork, steel fixing subcontractors to follow the specifications and approved documents during construction.
- Ensuring full engagement of safety team and revision of lifting plans for lifts required to ensure compliance of construction activity to safety norms.
- Reporting site progress, issues and recommendations for solution to Site Manager during weekly construction meetings.

**PROJECTS COORDINATOR**

May 2013 – May 2015

**AL BAYAN HOLDING GROUP**

Riyadh, Saudi Arabia

**WHEAT STORAGE SILOS PROJECTS IN AHSА AND DAMMAM**

- Managing EPC Grain Silos and Flour Mills Turnkey Projects in Ahsa , Dammam.
- Full understanding of the process flow for full assessment of project scope of work.
- Deep understanding of mechanical General Arrangement drawings for planning and follow up of relevant civil works.
- Identification of detailed engineering deliverables (civil, mechanical, electrical,...etc) and setting the plan for monitoring them.
- Identification of long lead engineering/procurement/construction items for monitoring and follow up.
- Following up with fabricators of structural steel work from procurement till delivery.
- Following up with Pre-engineered Buildings suppliers from procurement till delivery.
- Communicating with site managers to follow up different construction activities like: piling , excavation, concreting , slip form , underground networks for potable water , sewage , firefighting , electrical work(cable routing , road lighting,...etc.),mechanical/structural steel installations.
- Review of projects resource plans.
- Resolution of different project issues with stakeholders.
- Conducting progress and coordination meetings with Client (GSFMO).
- Conducting regular site visits to Ahsa and Dammam during construction phase for monitoring of work.
- Preparation of sub-contracts.
- Review of cost reports based on EV analysis and forecasts.
- Review of suppliers' invoices and follow up their processing.
- Helping in the estimation and pricing of new projects.

**SENIOR PROJECT ENGINEER**

May 2012 – May 2013

**TECNICAS REUNIDAS**

Manifa, Eastern Province ,Saudi Arabia

**MANIFA COGENERATION COMBINED CYCLE POWER PLANT(420 MW )**

- Leading in-site civil technical office team in Aramco's Manifa CPF Co-generation Power Plant Project.
- Coordination of civil work with other MEP disciplines like piping, mechanical and electrical.
- Making in-site designs for concrete pipe supports, steel pipe rack supports and O&M platforms.
- Providing full technical support for the sub-contractor responding to technical queries pertaining to concrete and structural steel works.

- Making Design Change Proposals in case discrepancy to Aramco standards (SAES,SAEP,SATIP,SABP) /project standards is encountered.

Providing full technical support for various construction activities like : excavation, foundation, skeletal works for steam/gas turbines, HRSG's, steam boilers , water/oil tanks , substations,..etc

- Providing technical support for various networks construction civil works(networks for drinking water ,sewage, oily water, firefighting , cable trenches , road lighting , ...etc)
- Providing technical support for the construction works for roads (concrete and asphalt pavement).
- Providing full technical support for structural steel works(pipe racks , plate work, gratings , chequered plates , handrails , ladders , sheeting , staircases and O&M platforms and any other steel elements ) throughout different stages like : purchasing , fabrication , inspection , and erection according to ASTM,AISC and other relevant codes of practice along with project specs.
- Satisfying Aramco Loss Prevention Dept. requirements for accessibility, escape routes and fire risk areas and the execution of fire monitors, hydrants, extinguishers and hose reel units as part from the firefighting system.
- Making Purchase Requests for different materials required for construction.
- Conducting weekly meetings with sub-contractor for efficient progress of civil works.
- Closing open Issue Log Items pertaining to civil works.
- Assistance in the resolution of punch items during closing stage.

**PROJECT CONTROLS ENGINEER**

March 2011 – May 2012

**ASEC GROUP FOR INDUSTRIAL PROJECTS**

Cairo, Egypt

**NATIONAL CEMENT COMPANY PLANT UPGRADE/ANCC PLANT FABRICATION**

- Working as a senior Project Controls Engineer in charge of monitoring various Cement Plant Projects.
- Developing the appropriate Work Breakdown Structures that define project scopes for further planning, monitoring and control throughout the project's lifecycle.
- Developing and review of budgets for many industrial EPC projects at different trades (i.e. engineering, fabrication, procurements, erection, civil works...etc).
- Monitoring project costs against pre-defined cost baseline.
- Using SAP-PS and MM modules for cost planning purposes.
- Assistance in making breakdown for invoices.
- Preparation of projected cash flow to assess the project's cash profile.
- Conducting weekly meetings to evaluate projects progress.
- Establishing database of important project information(like long lead items, material prices , contractual issues, manpower histograms, lessons learned...etc )affecting each project to serve as historical records for future projects.

**PROPOSALS AND TENDERS ENGINEER**

June 2009 – March 2011

**ASEC GROUP FOR INDUSTRIAL PROJECTS**

Cairo, Egypt

**CEMENT PLANT PROJECTS/MOSTOROD ERC REFINERY**

- Proposal coordination between different disciplines in accordance with any instructions to bidders submitted by clients.

- Ensuring that all proposals are introduced in time and according to approved proposal plan.
- Working on implementing preliminary R.C designs of various cement plant buildings for quantities estimation purposes for bidding.
- Preparation of civil BOQ's to obtain quotations from suppliers/subcontractors.
- Conducting visits to project sites to acquire data affecting project scopes for Greenfield and Brownfield projects.

**TECHNICAL OFFICE ENGINEER**

December 2006 – June 2009

**ASEC GROUP FOR INDUSTRIAL PROJECTS**

Atbara, Sudan

**AL SHAMAL CEMENT PLANT (4200 TPD) RELOCATION FROM MAINZ TO SUDAN**

- Working as a technical office lead in Mass Global Cement Plant Project in Sudan.
- Coordinating between civil engineering and other disciplines during engineering phase.
- Coordination between project and different engineering firms and equipment suppliers.
- Ensuring that civil drawings are prepared in accordance with project specs.
- During construction phase , I supervised the civil works for different buildings like the Cement Mills and Feed building, Raw Mills building, Homogenization Silo(Slip Form Construction), Cement Silos(Slip Form Construction) , Belt Conveyors and the Electrical Substations.
- Preparation of progress reports.
- Review of sub-contractor's interim payments.
- Providing technical support for construction.

**SITE ENGINEER**

September 2004 – November 2006

**EGYPTIAN CO. FOR ENGINEERING AND TRADE (JET)**

Cairo, Egypt

**EGYPTIAN AIR FORCES HOSPITAL PROJECT**

- Supervision of most of the construction activities like excavation, concreting and finishing for the Hospital building, Power House, Boiler building, Mosque, A.C building as well as final landscaping works.

**COMPUTER SKILLS:**

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- AUTOCAD 2022
  - AUTOCAD ADVANCE STEEL
  - MICROSOFT OFFICE 2021
  - PRIMAVERA P6 V.21
  - BIM TECHNOLOGY (BASIC KNOWLEDGE)
  - MICROSOFT POWER BI

**LANGUAGES:**

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- Arabic (native)
  - English (fluent)
  - Spanish (fluent)