

Summary of Capabilities: Value driven, Cross functional, and Key contributor with diversified expertise in many challenging mega-scale construction projects in KSA & Egypt over the last 15 years, started as site engineer with hands-on experience in construction industry, then as a consultant, being practiced at different positions authorize me to successfully Manage, Lead, validate, supervise, test, and Commission the implementation and operation of mega-scale construction projects including designs verification as per relevant codes & standards in addition to good experience in facilities and contract management.

Professional Experience

With Dar Al-Handasah Consultants (Shair and Partners), Saudi Arabia from October 2014 to present

MEP Deputy Resident Engineer

– (NDA), Form Nov 2021 to present at Private Project

Duties & Responsibilities:

- Participating and advising on construction activities, initiatives, and preparation of SOW prior bidding stage.
 - Ensuring to fulfil contractual requirements, including terms and conditions, as well as complying with company policy and organizational strategy.
 - Analyzing Contractor claims & VO's in light of contractual obligations.
 - Coordination and liaise with all related departments internally to ensure effective information & communication flow between upstream and downstream parties.
 - Liaising with authorities like Electricity Company, Civil Defense, etc. for all the related works.
 - Identifying performance gaps for proper corrective actions.
 - Providing technical assistance to Client to ensure achieving project objectives, and deadlines as per planned.
 - Coordination with designer on constructability and design issues.
 - Coordination with main-contractors, sub-contractors and other service contractors.
 - Coordinating contractors' activities to ensure materials, equipment and quality comply with project plans.
 - Assisting in review and approval process of contractor's technical submittal in addition to T&C, and close out documents.
- **Form June 2019 to Oct. 2021 at King Abdullah Financial District(KAFD) project**
- **From Oct. 2018 to June 2019 at New Private Aviation Terminal, King Khaled Int. Airport project (fast track project).**
- **From Jan. 2018 to Oct. 2018 Member of HO facilities management core team**
- **From Oct. 2016 to Dec. 2017 at Princess Nora Bint Abdulrahman University (facility management).**
- **(NDA), From May 2017 to June 2017 at Etidal center project (fast track project).**
- **From Jan. 2015 to Oct. 2016 at Abraj Kudai Project (high rise construction project).**
- **From Oct. 2014 to Dec. 2015 Mecca Clock Tower project (close out phase).**

Personal Information

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- Residence: Riyadh-KSA
- Born: 1984
- Nationality: Egyptian
- Languages: Arabic, English

Memberships

- Project Management Institute
- Egyptian Syndicate of Engineers
- Saudi Council of Engineers

Certificates

- FIDIC-Module 0 (Implementation and Management of FIDIC Professional Services Agreements), ID FIDIC-2022-06872
- FIDIC-Module 1 (Practical use of FIDIC conditions of contracts), ID FIDIC-2021-04617
- FIDIC-Module 2 (Claims under FIDIC1999 + 2017 update), ID FIDIC-2021-04808
- FIDIC-Module 3 (Understanding DABs), ID FIDIC-2021-04808
- FIDIC Module 4: Management and Administration of FIDIC Contracts, FIDIC-2022-05774
- FIDIC Module 5: Conditions of Contract for EPC/Turnkey Projects, FIDIC-2022-05774,
- FIDIC-Module6 (DBO Contract), ID FIDIC-2022-06971
- PMI-PMP Certified, ID 2858046
- PMI-RMP Certified, ID 2936030
- PMI-SP Certified, ID 2984427
- Claim & Disputes in Construction contract course.
- Management of engineering contract course.
- Contract drafting for engineering contract course
- MBA Level-3 in Business and Industrial Administration, LCCI.

With Drake and Scull International March 2011 to Sep. 2014

- **Sr. Project Eng.** From April 2014 to Sep. 2014.
- **Project Eng.** From Dec. 2013 to April 2014.
- **Site Eng.** From March 2011 to Nov. 2013.

Project Name: Nile Corniche Project (NCP), St. Regis Hotel (high rise building)

Duties & Responsibilities:

- Co-ordinates with the client & consultant, project management team of main-contractors, sub-contractors and other service contractors
- Liaising with authorities like Civil Defense for all the related works.
- Dealing with the major suppliers for the entire material procurement process starting from floating enquires till finalization with the supplier.
- Preparation of technical submittal for the entire project per the consultant's approved vendors list.
- Managing the works execution in a professional manner.
- Attending meetings, work inspections, factory visits, and authorities' inspections.
- adhere to the company QHSE policy at all times.
- Design Verification, Preparation & Reviewing of Shop drawing, and Installation of various systems.
- Following obtaining of drawings and materials approvals.
- Preparation of value engineering if required by authorized authorities.
- Assisting of preparing comparison report between tender documents and IFC documents in terms of materials quantities, specification and scope of work to commercial department to claim any variations in project objectives.
- Raising technical queries for any conflict information within the project technical document.
- Ensuring that any variations and instructions received from the client are incorporated into the latest construction issue drawings and auctioned by the construction team.
- Ensuring that the quantity surveyor is aware of any such changes.
- Negotiating with client and consultant for obtaining approvals for requested modifications.
- Engagement with procurement and planning departments for defining the materials required to execute the project and providing the technical support required to select the proper materials.
- Reviewing the technical submittal of materials and ensure its compliance with project specifications.
- Engagement with planning department to define project activities within the scope of work.
- Assisting Construction Manager and advising on construction methodologies in coordination with other disciplines/contractors/subcontractors prior to construction.
- Assisting Construction Manager in supervising the construction in terms of proper method, material reservation and optimum output of labor.
- Monitoring of Subcontractor's performance.
- Following up of progress planning and arranging all its requirements.
- Responsible for all dialogue, administration with all statutory bodies.
- Maintaining an awareness of all potential risks to the company's day to day objectives and progress of the works, observing and adhering to company PQP's and QHSE plans.
- Ensuring that handover documents are in line with contract specification and requirements.

Education

- 2002- 2007 BSc of Electrical Power Engineering, and Machines, Helwan University, Egypt.

Achievements with Dar

AL-Handasah

- Playing different cross functional roles in PMC, Supervision, and facilities management department
- Effective team member in a challenging project to Construct of Private Aviation terminal in two month planned finish date, and target was achieved in 68 day for Riyadh Airport Company.
- Effective team member in a challenging project to Construct a Private project to Saudi Aramco in 30 day, and target was achieved as per planned

Achievements with Drake and scull

- Two promotions, in less than four years to be the youngest Sr. PE in the Project due to value driven effort made to the project.
- Leading the negotiations with client representative for new payment structure approval to improve project's cash flow.
- Surveying about 90% of project Elec. Systems on my own in addition to cooperating with procurement team to re-estimate the project budget during the start period.
- Playing different cross functional roles at the same time with different departments in the project at different stages during project life cycle like (QS, Tech. Office, Construction, and Cost Control) engineer.
- Leading the Rigging & Installation process of the power transformers and medium voltage cables in the project's towers with taking into consideration it's the 1st project in Egypt with medium voltage power plant at a high level inside a high rise building.

Site Eng. with Engineering Construction Office (ENCO) from Sep. 2009 to Jan. 2011.

Project Name: Le Meridien Pyramids Hotel (New Guest Wing)

Project description: Renovation of the existing hotel building, In addition to development of a 126-room guest wing extension and MEP new plants.

- **Duties & Responsibilities:** Responsible for the installation of the BMS (Siemens Switzerland).

Elec. Eng. with Arab Organization for Industrialization Headquarter from August 2008 to September 2009.

Duties & Responsibilities:

- Preparation of projects SOW documents for seller's prior bidding stage in coordination with procurement department and other discipline.
- Attending bidding conferences
- Studying and evaluating sellers' technical offers for seller selection, in coordination with procurement department and other discipline.
- Monitoring and controlling seller's performance as per signed agreement and project management plan.

Projects:

- The Permanent Exhibition Building & Central Conference Hall at Kilo 4.5 on Cairo-Suez Road.
- Technicians' Training Center at Kilo 4.5 on Cairo-Suez Road.
- The Permanent Exhibition Building Waiting Area for Cars and Buses' Garage.
- The AOI Resort for Workers in RASS EL BAR CITY.
- Renovation of the AOI Hospital IN EL MAADI.
- Renovation of the AOI Workers Clinics in Nasr City.

Elec. Site Eng. with UniPower Egypt Company from Dec. 2007 to July 2008

Project Name: Service Contract for Mobinil communication company GSM stations all over the country.

Duties & Responsibilities:

- Battery Sizing Calculations for different types of UPS & Rectifiers systems.
- Installation of different types of Batteries, UPS, DC systems for GSM networks.
- T&C of Installed Power systems for GSM networks.

Achievements with ENCO

- Within four months after joining the project with no previous experience in BMS, and through a value driven effort of reading and studying the BMS Documents, Coordination with system supplier, and leading of execution team, the system installation progress and handing over was achieved.

Skills

- Strong analytical and problem-solving skills, ability to handle multiple tasks with strong attention to detail.
- Highly organized with strong analytical skills; self-directed.
- Good knowledge of Saudi government procurement and competition system.
- Good knowledge of contracting contract from Egyptian civil law aspect.
- Good knowledge of Egyptian tenders and bids law.
- Good knowledge of DABs and Arbitration procedures.
- Good knowledge of Microsoft office, Auto Cad, Maximo IBM system for Facilities Management, and awareness of Revit MEP.

Interests

- Reading, Music, Fishing