

SAMI MOH'D AL-KHAZENDAR

SENIOR ELECTRICAL ENGINEER CONSULTANT

PERSONAL INFORMATION

Mobile:

0500894665

Email:

sami_m92@hotmail.com

LANGUAGES

Arabic and English

SUMMARY OF CAPABILITIES

Senior Electrical Engineer Consultant with 22 years of experience in electrical engineering, construction and supervision consultants for major infrastructures & commercial & large scale, integrated projects including electrical substation, Military schools, hotels, university and mixed use complex. Skilled in problem-solving complex electrical issues, implementing safety and quality protocols, coordinating resources, and engaging stakeholders. Proficient in managing the technical aspects of electrical systems, I demonstrate strong leadership in multidisciplinary team settings. Committed to excellence, my ability to foster positive work environments and improve processes makes me a valuable asset in the field of electrical engineering and project management.

PROFESSIONAL EXPERIENCE

EDUCATION – 2001

B.E (Electrical Engineering), V.R.C College - Nagpur University - India

1) Dar AL HANDASAH Consultants (SHAIR & Partners), Saudi Arabia, Riyadh

Dar AL-Handasahs is an international project design, management and supervision consultancy and founding member of the Dar Group. It is a multidisciplinary consulting organization for architecture, engineering, planning, environment, project management and economics. Founded in 1956 is one of the world's leading consultancies and has developed a particular expertise in complex projects that require the coordination, contribution and management of many specialists and disciplines.

MEMBERSHIPS

Saudi Council of Engineers

2009 to Present

❖ King Abdullah Financial District (KAFD) - Saudi Arabia, Riyadh

KAFD is the largest multi-use financial district in the Middle East, boasting a strategic location in the heart of Riyadh City. The district is an integrated destination that combines residential, business, and entertainment facilities, covering a ground area of over 1.6 million m. provides more than 3 million square meters of space for various uses, 62,000 parking spaces and accommodation for 12,000 residents. Furthermore, it stands as an architectural marvel with more than thirty buildings, including sixty-four towers (some of the towers are designed to house both administrative units and residential ones in the same building) that have reshaped the urban skyline of the capital, Riyadh.

Job Title:

Senior Electrical Engineer Consultant

2020 to Present

Responsibilities:

- **Site Supervision** - Supervising the contractors implementation at Four complexes (Each consists of residential and commercial towers with recreational and external areas) for electrical works and ensuring that it is

comply with the approved shop drawings & materials and project specification.

- **Electrical Tasks** - Following-up all Electrical Tasks and Documents in four Parcels (WIRs, MARs, MIRs, RFIs, CSAs, NCRs, HO Documents...etc).
- **Reviewing Materials Submittals** – Review materials submitted by the contractor with the project specification to ensure material compliance.
- **Attending Technical Meetings** - Perform technical meetings with contractor regarding to any technical issues at site.
- **Reviewing Shop Drawings** - Review the Contractors submitted electrical shop drawings
- **Reviewing the Requests for Information “RFI”** - Review of contractor's request to change or modify the design based on site condition or based on clients request to enable the contractor to move forward.
- **Reviewing the Pre-qualifications** - Review suppliers pre-qualifications submitted by the contractor with the project specification requirements
- **Mockup Inspections** - Inspection of the initial works done by the contractor, comments and approval will be used as reference for the inspectors on site.
- **Solving Problems and Providing Alternative Solutions to client** – Similar to all projects most problems or design gaps immerge in the execution phase.
- **Attending Testing & Commissioning Progress Meetings** – Meeting is held on weekly basis to overlook contractor's progress and assist/push where needed.
- **Reviewing Operation & Maintenance Manuals / Training Manuals Submittal**– Review manuals submitted by the contractor with the approved templates to ensure manuals compliance.
- **Reviewing As-Built Drawings** - Review As-Built drawings submitted by the contractor which describe what was actually updated / executed at site.
- **Reviewing Testing & Commissioning Method Statement (MES)** - Review documents submitted by the contractor to ensure full compliance with the required tests mentioned in project specification / Manufacturer / agent / specialist / all International Standards.
- **Reviewing Testing & Commissioning Inspection and Testing Plan (ITP)** - Review documents submitted by the contractor to ensure full describes the testing/commissioning activities.
- **Witnessing Testing & Commissioning (T & C)** - Witness of all electrical (systems /equipment) Testing & Commissioning of to ensure compliance with check lists in approved method of statements.
- **Reviewing Hand Over Documents (H.O)** - Review H & O documents submitted by the contractor (like Warranty certificates & extra materials and spare parts & software program ... etc) with approved H.O templates to ensure documents compliance.

❖ **Princess Noura Bint Abdulrahman University Project (PNU) – Saudi Arabia, Riyadh**

Princess Nora University is a largest women-only university in the world. Its campus services was quite extensive, including 8 academic colleges, 6 health sciences colleges, 2 medical research laboratories, a 600-bed hospital (built-up area of 99,733 m²), a central library, and sport facilities, among other buildings. We also conceived more 10,000 housing units to accommodate students and over 1,500 villas and apartments for faculty and staff. Composed of 32 campuses across the Riyadh region and a new library capable of holding 4.5 million volumes.

Job Title:
Electrical Engineer Consultant

2009 to 2019

1- Construction Stage Period:

Nov 2009 – Mar 2012

Responsibilities:

- **Site Supervision** - Supervising the contractor implementation of electrical works and ensuring that it is comply with the approved shop drawings & materials and project specification.
- **Attending Technical Meetings** - Perform technical meetings with contractor regarding to any technical issues at site.
- **Reviewing Materials Submittals** - Review material submitted by the contractor with the project specification to ensure material compliance.
- **Inspecting Materials** - Inspecting the materials delivered by contractor to ensure compliance with the approved materials prior to use it at site.
- **Inspecting Executed Works** - Inspecting the contractor executed works by submitting Inspection request (RFI).
- **Issuing Defects Reports** - Issuing defect report to contractor for works not correct or not comply with project specification / approved materials & following up to correct it.
- **Reviewing Site Clarifications** - Review the contractor's requests to any doubt in execute of the works at site.
- **Reviewing Red Line Drawings** - Review the contractor submitted red line drawings which reflect any modification done at site prior to submit the as-built drawings.
- **Preparing Items To Be Completed** - Preparing the Items to be Completed (ITBC) by contractor which are related to (outstanding / punch lists) closeout works that need to be finished by contractor to hand over the facilities.
- **Mockup Inspections** - Inspection of the initial works done by the contractor, comments and approval will be used as reference for the inspectors on site.
- **Witnessing Testing & Commissioning** - Witness of all electrical (systems /equipment) Testing & Commissioning of to ensure compliance with approved check lists

2- Operation & Maintenance Stage Period:

Mar 2012 – Dec 2019

Responsibilities:

- **Reviewing Data gathering** - Review the data gathering assets submitted by contractor includes (Equipment Model No., serials No., Location ...etc).
- **Reviewing Electrical job plan** - Review the electrical job plan submitted by contractor includes (Task description, frequency, duration etc).
- **Reviewing Preventive Maintenance** - Review the Preventive Maintenance (PM) master plan submitted by contractor includes (Asset description, frequency etc).
- **Reviewing Corrective Maintenance** - Review the Corrective Maintenance (CM) master plan submitted by contractor includes (Steps like following failure, diagnosis – elimination of the part, causing the failure – ordering the replacement – replacement of the part etc).
- **Reviewing Facilities Operating Manual** - Review the Facilities Operating Manual (FOM) submitted by contractor includes (is a comprehensive document that outlines the policies and procedures related to the operation of a university etc.).
- **Site Inspection** - Performing daily routine inspections at the site and report for any defective issues (like improper machine work, elevators, busted lamps, etc.).
- **Issuing Services Requests** - Issuing service request (S.R) through Maximo system for defective issues.
- **Witnessing the Contractor Maintenance Performance** - Witness the contractors execute the corrective / preventive maintenances for different systems to ensure the quality & their performance comply with approved procedures of CM / PM check lists and plans.

- **Preparing Key Performance Indicator** - Preparing the monthly Key Performance Indicator (KPI) of the contractors which has performance range.

2) Fawaz Abdulaziz Al-Hokair Co - Saudi Arabia, Riyadh

Fawaz Abdulaziz Al-Hokair is a local company dealing in construction projects including electromechanical systems and have projects all over the kingdom.

July 2007 – Nov 2009

❖ Marriot Courtyard Hotel project

Job Title:
Electrical Site Engineer

Responsibilities:

- **Site Supervision** - Supervising the Contractor's implementation of electrical systems and ensuring that it is comply with the approved shop drawings & materials and project specification.
- **Reviewing Submittals** - Review the (Materials & suppliers ... etc.) submitted by the contractors for different electrical systems for approval as per project specifications.
- **Reviewing Shop Drawings** - Review the Contractors submitted electrical shop drawings.
- **Preparing Activities Time Schedules** - Prepare in advance the daily & weekly time schedules for all activities that should be done by contractors at the site and follow up with them to ensure that are going as per the master project plan.

3) Raissy Trading & Construction Co - Saudi Arabia, Riyadh

Raissy is a local company dealing in electrical systems

June 2004 – June 2007

❖ National Guard Military Schools project at Khashm Al Ann

Job Title:
Electrical Site Engineer

Responsibilities:

- **Site Supervision** - Supervising the implementation of electrical systems works and ensuring that it is comply with the approved drawings & materials and project specification.
- **Coordination of Site External Works** – Coordinating with different contractors / other trades regarding to the site external works for different electrical voltage cables rates to ensure that are not conflicting with other trades facilities as per approved coordination shop drawings.
- **Estimating Resources Required** - Estimate in advance the required resources (manpower, tools, and materials ...etc) to achieve the activities at the site to avoid any delay for these activities and for the project as a whole.

- **Preparing Submittals** - Prepare the (Materials & suppliers ... etc) submittals of different electrical systems for approval as per the National Guard specifications.
- **Preparing Shop Drawings** - Preparing the electrical shop drawings for all electrical systems prior to submit the as-built drawings.
- **Preparing the Weekly Progress** - Prepare the weekly progress report for all electrical activities at the site.

4) AL-Toukhi Co. for Industry & Trading - Saudi Arabia, Riyadh

AL-Toukhi is a leading company in the field of electrical substation & power plant construction projects all over the kingdom

Jan 2002 – May 2004

❖ Fakhryah Electrical substation (s/s 8067, 132/13.8KV)

Job Title:
Electrical Site Engineer

Responsibilities:

- **Site Supervision** - Supervising the implementation of all electrical systems works and ensuring that it is comply with the approved drawings & materials and project specification.
- **Supervising Equipment Erection** - Supervising the erection of electrical substation equipment (like 132KV GIS, 13.8KV SWG, 60MVA Power Transformers, Relay Panels and Control Panels ...etc).
- **Preparing Resources Required** - Estimate in advance the required resources (manpower, tools, and materials ...etc) to achieve the activities at the site to avoid any delay for these activities and for the project as a whole.
- **Preparing Weekly Progress** - Prepare the weekly progress report for all electrical activities at the site.
- **Preparing Testing & Protection Schedules** - Preparing weekly testing & protection schedules in coordination with our protection engineers which should be submit to SEC-CRB engineers during the commissioning test stages.

TRAINING & COURSES:

- Building Information Modeling (BIM) Implementation using Revit, 2018
- Managing & Supervising Projects, Consultants and Contractors Certified Program, 2018
- Project and Construction Site Management, Inspection and Supervision - Certified Program, 2018
- Project Planning, Scheduling & Cost Control Professional, 2018
- The Original Project Management Professional Program, 2018
- HSE Induction, 2016
- Introduction to PMC, 2016
- Building Commissioning & Project Acceptance, 2016
- Facilities Condition Assessment, 2017