

**D MANSOOR ALI KHAN**

**Phone:** +91-8125927743/+968-91658231

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**OBJECTIVE**

- With potential experience and high caliber in Electrical Engineering, looking for a challenging position as an **Electrical Design** and **Site Engineer** in **MEP services**, which gives me an opportunity to prove my abilities and share skills while continuous growth for the organization success.

**CAREER PROFILE:**

- **5 years of experience** in Electrical Design and Site Engineer in MEP projects.
- Excellent understanding of Electrical Drawings, Planning of Projects, Erection & Maintenance.
- Certified Erection Engineer by MEW-OMAN (RAECO) for Electrical Installations (License No: 101086497).

**ACADEMICS:** (Certificate Attested by Oman Embassy)

- **Bachelor of Technology** in **Electrical & Electronics Engineering** from **Jawaharlal Nehru Technological University (JNTU), India** during the year 2008-2012.

**TOTAL WORK EXPERIENCE (5 years):**

**From Dec 2014 – Till now**

Working as an **Electrical Design Engineer** in Engineering Dept, Tameer Engineering Consultancy, Salalah, Sultanate of Oman.

**Company Profile:**

**Tameer Engineering Consultancy.**



Tameer Engineering consultancy was established as a private company since 2007 in Salalah, Sultanate of Oman bringing engineering, planning and professional technical skills in delivering sustainable development in construction and project management country wide.

**Project Handling and Design Work**

- Dhofar Fisheries Factory extension buildings, Raysuth Industrial Area, Salalah, Oman (**Ongoing**).
- Hussain Moosa Residential and commercial building (B+G+9), salalah, Sultanate of Oman (**Ongoing**).
- Sheik Abdul Khaliq Group of modern villas, middle Salalah, Oman (**Ongoing**).
- Al-Hassan Electrical Warehouse, Awqad, Sultanate of Oman (**Completed**).
- Site Supervision of Dhofar University girls dormitory no. 4, saadah, Salalah, Sultanate of Oman (**Completed**).
- More than 15+ normal residential villas electrical design inside salalah city.

## **Accountabilities**

### **Work details during tendering stage: Duties & Responsibilities**

- Responsible for leading the electrical designing related to high rise buildings for offices and residential villas using British Standards and codes **(B.S)**
- Reporting to the General Manager
- Coordinating with the General Manager in the preparation of tender from the beginning stage till the submission.
- Detail study of scope of tender, drawings, schedule equipments specifications, quantity take off and preparation of Bill of Quantities for electrical equipments in excel format for lump sum projects using international standards and codes.
- **Electrical load estimation**, design as per the international and local standards (LV & ELV) Oman electrical standards (OES) in comparison with the **British Standards (B.S)**.
- Development of **Single line diagrams** and control schematics, electrical equipments selection sizing and protection (Transformer, generator, motor, Bus Duct, Capacitor Bank, UPS etc)
- **Sizing of Cable selection**, Bus bar, earthing system according to the load analysis and routing, short circuit calculations, voltage drop calculations, lighting and illumination design.
- Building security system, Access control systems, CCTV, Public addressable systems, lightening control system, telecommunications, data services and cable tray routing and sizing calculations.
- Fire Alarm systems according to **NFPA 72**.
- Fire protection system as per **NFPA 10, NFPA 13 & NFPA 14** standards and codes.
- Providing guidance to prepare lighting layout, power layouts, load schedules, single line diagram and related engineering calculations like panel circuit boards and main distribution board breaker size selection etc.
- Involved in preparation of lighting Design with Architectural Engineer using **DI-LUX** and **RELUX** software and producing lighting distribution based on LUX level scheme.
- Accountable for meetings with Team/user for resolving different technical issues at the design stage.
- Making site survey for upcoming projects.

### **Work details during Execution stage: Duties & Responsibilities**

- Involved in technical and management supervision along with the site execution.
- All electrical low and extra low voltage installation works, which were being carried out as per BOQ specifications and materials as per the standard codes of NFPA 70 & 72, NEC and Oman Building standards.
- Evaluate engineering proposals, shop drawings and design comments for sound electrical engineering practice and compliance with established safety and design criteria recommended approval and disapproval.
- Planning and execution on the electrical side for MEP projects closely monitoring construction activities, attending weekly meetings at site with other engineers and contractor.
- Maintained weekly status reports.
- Review and approval of shop drawings & material submittals submitted by the contractor.
- Installations of all electrical works were carried out as per approved shop drawings ensuring compliance with safety requirements and as per standards.
- Coordinate with Mechanical, civil, Architect Engineers, Discuss technical aspects of electrical system with Contractor towards successful completion of project.

- Installation of Addressable Fire Alarm system, Security (CCTV and Access Control), Public Address, Internal & External Decorative light fixtures, Illumination and dimming systems, Power receptacles, Cable Routing, Earthing, Cable trays for tunnel, Panel Board, Audio Video System, UPS System, Lifts, ATS panels, Computer network (Fiber Optics, Cables), Telephone Network, Diesel generators, Lightning Protection System, LV & Switchgear (MDB, SMD, MCC..)
- Coordinating with Contractor for the fast progress work on site implementation of advanced system and material available in market as per the requirement and conduct weekly site Inspection & prepare monthly progress reports.
- Conduct inspection for Quality Control and Quality Assurance Program, reporting, finding and recommendations.

**Specialties:** Site Engineering, Design, Supervision, Construction and Maintenance, Testing and commissioning.

**From May 2012 – Dec 2014.**

Worked as **Field survey officer** in **M.L INFOMAP** in associate with **ENZEN CO.** Bengaluru, India.

**Company Profile:**

**ML Infomap**



**ML Infomap**, established in 1993, is in the business of Geographic information. It was the first to independently develop and supply GIS ready digital vector of India. The company designs, develops and deploys GIS solutions on standalone, server and mobile devices for logistics, health, retail, telecom, solar and reality sectors.

The roles and responsibilities as a Field survey officer are:

- Collection of all the transformer and induction pump locations in remote areas of Bangalore city through GIS.
- To know the working condition of Induction pumps by measuring the currents flowing in it.
- Collection of feeding line data on site.
- To collect the ratings of transformers and inductions pumps.
- Daily Report to Project Engineer.
- Giving prompt and effective attention to emergency call received during and after working hours.
- Maintain safe and secure work environment by following safe practices.
- Assign targets for accomplishments and ensure targets are met on daily basis for all electrical groups at site.
- Maintaining records and archives to company standards.

**ACADEMIC ACHIEVEMENTS:**

- Score 90.37 percentile with all India rank of 10602 in Graduate Aptitude Test in Engineering (GATE-2012) in Electrical Engineering Discipline.

## **PUBLICATIONS:**

- **D. Mansoor Ali Khan**, "SVPWM based multi variable control method and power transfer matrix model for DFIG wind energy systems", Proceedings of *National Conference on Innovative Technologies in Power, Control, Drives and Automation (ITPCDA-2016)* ISBN: 978-81-924012-3.
- S. Muqthiar Ali, S. Sarada, **D. Mansoor Ali Khan**, " A Power Transfer Matrix Model and Multi Variable Control Method for DFIG Wind Energy System using SVPWM Technique", *International Journal of Advanced Technology and Innovative Research (IJATIR)*, ISSN 2348-2370, Vol-08, Issue.10, August- 2016.

## **SOFTWARE SKILLS:**

- SOFTWARES: **AUTOCAD-2016** and earlier versions.  
**DIALux 4, RELUX**, Cable sizing & Elite.
- Operating systems: Windows family and Entire MS-Office.

## **Personal Profile:**

Education	Master of Technology in Electrical Power Systems (Pursuing)
Present Designation	Electrical Design Engineer (MEP)
Present Company	Tameer Engineering Consultancy, Sultanate of Oman.
Notice Period	4 Weeks (1 month)
IMO or Whatsapp No.	+91-8125927743
Sex	Male
Nationality	Indian
Marital status	Unmarried
Date of Birth	17 <sup>th</sup> Jan, 1991.
Languages Known	English, Hindi, Telugu and Arabic (Basic)
Passport Details	Passport No. : L7407240 Date of Issue : 20/02/2014 Date of Expire: 20/02/2024 Place of Issue: Hyderabad, India.
Permanent Residential Address	H.NO. 6/206 KMH Street Kadapa-516001. Andhra Pradesh, India.
Reference	1. Mr. Khalid Akhtar Khan Sr. Q.S/ Civil Engineer, Dhofar Municipality, Salalah, Oman, Mobile No.: +968-97681042.  2. Mr. Jason Dizon Sr. Structure/Civil Engineer, Dhofar Municipality, Salalah, Oman, Mobile No.: +968-95287752/968-97428332.

## **Declaration:**

I solemnly declare that the above mentioned information is true and correct to the best of my knowledge. I understand that if any information given above is found false/incorrect my candidature is liable to be rejected.

**(Mansoor Ali Khan D)**