

CURRICULAM VITAE

MOHAMMAD. FARUQUE

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Professional Summary

An Electrical engineer with more than six years of work experience in electrical design, analysis, documentation and coordination of Solar & Infrastructure Projects.

Career Abstract:

Working as Electrical Manager (Design & Construction) for Solar PV Project with Suntrap Energy Solution Pvt. Ltd (EPC).

Worked as Electrical Engineer (Design & Construction) with Unistar Contracting Co. Ltd.

Worked as Electrical Site Engineer with NKG Infrastructure Ltd.

Technical Skills

a) Design & Construction Related

- Preparation of Electrical Load List, MV/LV Cable Sizing Calculation, Voltage Drop Calculation & Overhead Conductor Sizing.
- Plant Earthing calculation & layout, Lightning Protection calculation, Transformer Sizing and Diesel Generator Sizing & Calculation.
- Proficient in Designing of 33/11KV, 0.4/33KV, and 33/132 KV Substation & Switchyard. Battery Sizing, Panel Boards design and preparation of SLD.
- Preparation of DPR (Detail Project Report) & BOM
- Designing of ACDB and busbar sizing calculation.
- Proficient in Lighting Design & Lux Level Calculation, UPS Load calculation.
- Preparation of AC & DC Profile Schedule.
- Proficient in designing of ground mounted and roof top, grid tied and off grid PV solar system, Array layout, Solar energy estimation.
- Preparation & reviewing of technical specification for Solar PV module, AJB, SMB, & Solar Inverters.
- Negotiations with suppliers on both technical & commercial aspects of product with respect to their quote.
- PV Module mounting structure.
- Well versed with Installation, testing and commissioning of all types of electrical equipment (Transformer, Generator, MV Switchgear, RMU, MDB, MV & LV Cables, PB, Light Fixtures).
- Trouble shooting of various electrical system and components on the site
- Witness all testing processes and test results.
- Load calculation as per design drawing
- Review of Design drawings, Shop drawings, As built drawings & calculations
- Well Versed with Indian and International Standards (IS, IEC, ANSI, IEEE, NEC).

b) Estimation Related

- Scrutiny & Evaluation of tender documents, Drawings & Schedules.
- Delegation & Supervision of Quantity Take-off and supplier Enquiry.
- Negotiations with suppliers on both technical & commercial aspects of product with respect to their quote.
- Pricing & Preparation of Job cost Analysis for Electrical & Extra low voltage Systems.
- Preparation of Bill of materials for the clients & Assisting in Compilation of Tenders.
- Experienced in Bidding Train station Project, High rise Building, Hotels.

Project Estimated:

1. Dammam Train Station, Dammam, Saudi Arabia.
2. Rayhaan Dammam Corniche Hotel, Dammam, Saudi Arabia.
3. YadmaNajran Academy, Najran, Saudi Arabia

Professional Experience:

✓ **Employer** : **Suntrap Energy Solution Pvt. Ltd., India**
(October 2016 to till Now)

Projects Undertaken

- | | |
|------------|---|
| (1) | Project : 5 MW Ground Mounted Solar Project, Bihar
Client : Sri Avantika
Status : E.P.C. (Under Design Phase) |
| (2) | Project : 100 KW Roof Top Solar PV Projects, Gurgaon
Client : Amplus
Status : E.P.C. (Under Design Phase) |
| (3) | Project : 2.4 MW Roof Top Solar PV Projects, Lucknow
Client : LMRC
Status : E.P.C. (Under Design Phase) |
| (4) | Project : 2.5 MW Roof Top Solar PV Projects, India
Client : REMCL
Status : E.P.C. |
| (5) | Project : 4 MW Roof Top Solar PV Projects, Assam Foodpark
Client : Patanjli
Status : E.P.C. (Construction Phase) |
| (6) | Project : 500 KW Roof Top Solar PV Projects, NIEST, West Bengal
Client : Rays Power Expert Pvt. Ltd.
Status : C.P.W.D |
| (7) | Project : 530 KW Roof Top Solar PV Projects, NIT Durgapur
Client : Rays Power Expert Pvt. Ltd.
Owner : C.P.W.D |
| (8) | Project : 500 KW Roof Top Solar PV Projects, IIT Guwahati
Client : Rays Power Expert Pvt. Ltd.
Status : C.P.W.D |
| (9) | Project : 1 MW Roof Top Solar PV Projects, MNIT Bhopal
Client : Rays Power Expert Pvt. Ltd. |

Owner	:	C.P.W.D
(10) Project	:	600KW Roof Top Solar PV Projects, Haryana
Client	:	Rays Power Expert Pvt. Ltd.
Owner	:	C.P.W.D
(11) Project	:	2 x 70 MWSolar Power Project, Bhadla, Rajsthan
Client	:	Rays Power Expert Pvt. Ltd.
Owner	:	N.T.P.C.

✓ **Employer** : **UNISTAR Contracting Co. Ltd., Saudi Arabia**
(14th August 2014 to 31st August 2016)

Roles and Responsibility

- Preparation of Electrical Load List, MV/LV Cable Sizing Calculation, Lighting Calculation, Earthing layout, Transformer Sizing and Diesel Generator Sizing Calculation.
- Preparation of AC & DC Profile Schedule.
- Preparation of Power & Control Cable Schedule, Line Diagram, Schematic Diagram and Interconnection Diagram
- Witness testing and commissioning of all types of electrical equipment (Hi Pot test, IR Test, Breaker Timing, Coil Operation test, Breaker Contact resistance, Relay testing, Impulse, meggering, Lux Level Calculation, Short Circuit test)
- Preparation of shop drawing & Builders work drawing.
- Preparation of detailed Procurement Specification of Various Electrical Equipment.
- Execution of work according to the contract specifications, approved drawings, agreed procedures and method statements.
- Calculate the variation according to change in plan drawing.
- Preparation of as built drawings

(1) Project:	:	Correctional Facilities Project
Client	:	Ministry of Interior (MOI)
Engineer	:	Dar Al-Handasah
Main Contractor	:	Saudi Bin Laden Group (SBG).
(2) Project	:	Ministerial Office, Ministry Of Education
Client	:	Ministry of Education (MOE)
Engineer	:	Mohammad Harasani Architect (MHA)
Main Contractor	:	United Contracting & Trading Co.

✓ **Employer** : **NKG Infrastructure Ltd..**
(July 2011 to July 2014)

Roles and Responsibility

- Design Review, Installation, testing & Commissioning of 33/11 KV Substation, and rural electrification.
- Preparation of detailed Bills of quantities and indent for material .

- Execution of work according to the contract specifications and approved drawings.
- Preparation of as built drawings

(1) Project : ESIC Medical College & Hospital, Faridabad (India)

(2) Project : Feeder Segregation Project Muzaffarnagar (India)

Client : Pachimanchal Vidyut Vitran Nigam Ltd. (PVVNL)

Software Skills

- PVsyst, MS-Office, Autocad
- Multisimulator, Photoshop, Google Earth, Helioscope.

Educational Qualification

- **B.Tech in Electrical Engineering** from JamiaMilliaIslamiaNewDelhi in 2011.
- Training in **220 KV** Switchyard in **N.T.P.C.** – New Delhi

Personal Information

Father's Name : MdMajeed
 Date of Birth : 8th June 1989
 Religion : Islam
 Sex : Male
 Nationality : Indian
 Marital Status : Unmarried
 Languages : English, Urdu, Hindi
 Passport No : K0636035
 Date of Issue : 12/09/2011
 Date of Expiry : 11/09/2021
 Place of Issue : PATNA (BIHAR)

Declaration:

I hereby declare that the above information furnished is true to the best of my knowledge and belief.

Place: New Delhi

Date: November 2017

(MOHAMMAD FARUQUE)