

NISAR SAMAD
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Objective

To utilize my skills in highly challenging and competitive environment that offers quality learning experience and professional growth.

HYBRID TECHNOLOGIES, MANAMA, KINGDOM OF BAHRAIN

I am working as Technical Sales Engineer from 25 May 2017 to till now, performing professional duties on various Projects

- Generated estimates and bill of materials from electrical blueprints.
 - Preparation of quotations, invoice, delivery note.
 - Worked with national codes and customer specifications to ensure project installation.
 - Supervision of electrical supervisors and foremen
 - Perform material take-offs and prepares BOQ.
 - Duties encompassed reporting progress, construction problems, resources and administration.
 - Delivered quality construction by closely monitoring the works.
 - Liaise with the client and consultants resolving all on-site and contractual problems.
 - Responsible for overseeing and monitoring the work and operating activities of multi store buildings.
 - Handle the tasks of preparing and updating all electrical issues especially on installation to the electrical site engineer
 - Assigned responsibilities of supporting electrical engineers in installing electrical equipment at different workstations.
 - Designing, estimation, Installation, testing & commissioning of fire alarm, Public address, CCTV, access control system and Solar Power System.
 - Instructing the Technicians in installation of fire alarm, CCTV, PA and access control system.
 - Testing of all cables laid for fire alarm, ELV like cable continuity checking, and other related tests before terminating them to their related panels.
 - Commissioning/configuration of fire alarm, CCTV and access control system as per the consultants/ client requirements.
 - Taking out the quantities for whole ELV systems from the drawings received along with the enquiries sent by the contracting companies for various projects.
 - Selection of products to be used and required system , software configuration as per the specification
 - Preparation of company Pre-qualifying documents and technical submittals related to ELV systems as per the specification given by the consultants and getting the approvals for the same from the consultants.
 - Providing complete solutions for renewable energy system either solar or wind.
 - On-grid or Off-Grid either the Hybrid systems.
 - Electrical design, calculations, warehouses internal fabrication, interior, residential & commercial buildings.
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ZEAL ENGINEERING SERVICES, RAWALPINDI, PAKISTAN

I have been working as Electrical Engineer from March 2016 to 5th April 2017 performing professional duties on various projects

- Preparation of Auto Cad drawings, Shop drawings, load schedule for villas and residential apartments
- Preparation for the bids
- Designing plumbing system for the high rising building and villas
- Preparation of schedules and budgeting the project
- Execution of the project
- Sales & services

TESLA INDUSTRIES (PVT) LTD, PAKISTAN

I have been working as “PROJECT MANAGER” from 5th Dec 2015 to 20th Feb 2016 performing professional duties on 250KWp off-grid solar power plant.

- Preparation of Auto Cad drawings for the whole project
- Design, execution & testing & commissioning
- Selection of material like modules, inverter, back-up as per the location site
- Preparation of schedules and budgeting the project
- Execution of the project
- Synchronization of Power plant with Genset & Biomass Energy.

ATS ENGINEERING SALES & SERVICES I-10/3, ISLAMABAD, PAKISTAN

I have been working as “PROJECT MANAGER” from 5th Feb, 2015 to 5th Nov, 2015 performing professional duties on various solar projects.

- Study of quotations of the project, make analysis for the quotations, and recommended for the best offers.
 - Manage project schedules and budgets and obtain permits for operations.
 - Test or evaluate PV modules.
 - Review specifications and recommend engineering or manufacturing changes to achieve solar design objectives.
 - Develop standard operation procedures and quality or safety standards for solar installation work.
 - Provide technical direction or support to installation teams during installation, start-up, testing, system commissioning or performance monitoring.
 - Develop design specifications and functional requirements for residential, commercial or industrial solar energy system or components.
 - Create plans for solar energy system development, monitoring and evaluation activities.
 - Create checklists for review or inspection of completed solar installation projects.
 - Conduct engineering site audits to collect structural, electrical and related site information for use in design of residential, commercial or solar powered water pumps.
 - Design and calculate cost for Hybrid, OFF-Grid Solar System.
 - Support Sales team in tender and bidding process.
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“THE CENTAURUS” NATIONAL CONTRACTOR’S, ISLAMADAB, PAKISTAN

I have been working with National Contractor’s Pakistan as an Electrical Engineer from 1st Dec 2012 to 9th Dec 2014 performing professional duties on ”CENTAURUS” Apartments & Mall.

- Direct and coordinate manufacturing, construction, installation, maintenance, support, documentation, and testing activities to ensure compliance with specifications, codes, and customer requirements.
- Perform detailed calculations to compute and establish manufacturing, construction, and installation standards and specifications.
- Inspect completed installations and observe operations, to ensure conformance to design and equipment specifications and compliance with operational and safety standards.
- Collect data relating to commercial and residential development, population, and power system interconnection to determine operating efficiency of electrical system.
- Working on electrical drawings and verification of check request on quality and quantity.
- Supervision & monitoring of all site electrical work related to the construction.
- Inspection of different type of electrical material used at project like cables, conduits, lighting ulster protection material, earthing material, panels.
- Supervision & monitoring of new electrical installation of appliances and terminations of DB’s.
- Supervision & monitoring of conducting wiring (lights, power, FA, ELV) commissioning public address system, fire alarm system.
- Fabrications of cable tray, lying of cable tray with standardize dimensions.
- Supervision & monitoring of Testing of wiring using meager meter and lamps marking of lights and fixturing of lights and switches.
- Reconciling and as built work.
- Supervision of laying and dressing of heavy cables and Bus Tie Ducts (BTD).
- Lying of different sizes of cables according to load.
- Installation of New Electric poles with stay rods and studs
- To make schedule before starting any works.
- Coordinated projects with other departments, outside agencies, client and consultants
- To keep Record of all Material consumed on site.
- To keep Record of All dismantled Scrap..
- Providing proper connections of electricity to welding plants, pumps and other machinery.
- Plan to reduce theft of electricity of costly cables and appliances on site

Education

2008---2012	BSc : Electrical Engineering (Power) Mirpur University of Science & Technology (MUST) Mirpur, Pakistan Obtained 61% marks
2005---2007:	HSSC: Higher Secondary School Certificate Cadet Collage Palandri A.K, Pakistan Obtained 71% marks from BISE MIRPUR
2003---2005:	SSC: Secondary School Certificate Cadet Collage Palandri A.K, Pakistan Obtained 79% marks from BISE MIRPUR

Technical Skills

- AUTOCAD, Work Bench.
- MS OFFIC, MS EXCEL, POWER POINT
- PVsyst, Solar Pro, HelioScope

LICENSES AND MEMBERSHIPS

- Registered Engineer in Pakistan Engineering Conceal (PEC)
- Membership number **ELECT/37953**
- Member of Pakistan Engineering Society

REFERENCES

- Shall be furnished on request.