

Prince Raju

E-mail:- princeraju45@gmail.com

Mobile:- +91-9886206228 (IND) India

Summary:

- Possess over 10+ years' Professional experience in MEP/ELV & Networking Systems, Shop Drawing Preparation, Familiar with electrical, Civil, Instrumentation, HVAC, BMS System, have worked with standard Saudi nationalized industries like **Saudi Aramco, Saudi Electrical Company, National Guard-Health Affairs, etc....**
- Also having fair knowledge in 230 KV Power transformer, Double break Double End Disconnect Switches, Surge Arrester, Coupling Capacitive Voltage Transformer, Outdoor SF6 Circuit Breaker, Station Post Insulator, Power Cables, Relay Panels, Control & Metering Panels & 230 KV Transmission line.

Objective:

To work in an organization, which gives me opportunity to develop my skills, exploits my strength in the best way and provides a gateway for higher carrier prospects.

Educational Qualification

- **S.S.C** from Secondary Education Board -Feb 2003
- **H.S.C** from Higher Secondary Education -2006.
- **Diploma in Electrical Engineering**-2009

Skills:

- Editing Software: - Microstation- 95, SE, V8, V8i, V8XM/ Map-2000i, Autocad, Visio, Microsoft word, Microsoft excel, Microsoft PowerPoint etc.
- GIS Software : - Arc-GIs, Arc-view, Map-info
- Building Management System
- IT Network system

Certifications:

- ISO 9001:2000 Awareness Program (Approved by FAHSS/TUV).
- Mechanical Designing and Drafting-Certificate

Professional Experience:

1). BNA Technology Consulting Ltd. (IND/Bengaluru)

Designation: Network Design Engineer

Duration : 14th June 2018 to till Now

The company was incorporated on 6th January 1989 as Building Network Automation Private Limited in Bangalore with 40 years of combined experience in IT networking solutions. Then, BNA was the first company to introduce structured cabling in the Indian market and has been successful in implementing networks on various protocols—Ethernet on coaxial, UTP, STP and fibre, Token Ring, twin axial and mainframe connectivity.

Experience in engineering design of life safety and Security Systems with the hands on experience of standard tools & terminology of Integrated Building Management Systems the details engineering like, Equipment's General arrangements, Installations, Cable routing, internal connections, head end equipment's control schematics, cable tray design, cable schedule, Controller wiring, Controller selection with the IO Summary, Bill of Materials, Rack Arrangement layouts, Junction box layouts, Interface panels designs, connectivity and terminations details & from 2+ yrs I am Working in Networking Design team in **BNA Technology Consulting Ltd.**

Responsibilities:

- Preparing Complete IT Passive Design with Shop drawings including Telco room, MDF, IDF, and Raceways, numbering for all services etc. as per client requirement. Finally, as built.
- Preparing Port matrix with Port Distribution Layout, IT room layout, Rack Elevation, Schematic diagram and Handling Supporting documents with the check list
- Coordination with all service provider for the incoming facility in the building.
- Coordinating with Project Managers to develop engineering change notices

Project Details:

Completed Project - Epsilon, Altimetrix-I, Exxon, JDA Software HYD, Log Me.In, Maersk, Mckinsey BLR, Nutanix BLR, Verint, Autoliv BLR, Altimetrix, JDA Software BLR, Mckinsey Chennai, Nutanix Pune, KimberlyClark, Flipkart, Amazon, JPMC Hyd Magma

Currently Working Project -, JPMorgan Mumbai Nirlon & BLR ETV, Flipkart, Amazon.

2). Nesma & Partners (KSA)

Designation: BMS Design Engineer

Duration : 19th April 2015 to Feb 2018

Nesma and Partners Contracting Co. Ltd. is the engineering and construction division of Nesma Holding Co. Ltd. It has been a contributor to Saudi Arabia's industrial and infrastructure sectors since 1981 with reliable, multi-dimensional construction services.

Project Details:

Jeddah Children Hospital (Jeddah), Jeddah Neuro Science (Jeddah), Riyadh Maternity Hospital (Riyadh), King Abdullah Hospital(Qassim)

Client -NGHA
MEP consultant -Dar Al handsha

- Maternity Hospital KAMC-CR, Riyadh (300 beds)
- King Abdullah Specialized Children's Hospital, KAMC-WR, Jeddah (350 beds)
- Neuroscience and Trauma Care Center, Jeddah (176 beds)
- Taif Specialized Hospital, Taif (300 beds)
- Al Qassim Specialized Hospital, Al Qassim (300 beds)

Worked in various low current systems, have worked extensively on Building Management System, Fire Alarm System, Lighting Control System and Access control System. Dealt with Design as per the Consultant Provided Final Design Drawings to be applicable with the approved Vendor. Have worked with industry standard specialised vendors. Have interacted with client/contractor and relevant onsite engineering teams. Provided an accurate detailed shop drawing as per the National Guard Health Affairs specifications and vendor recommended design changes, so that the drawings can be effectively utilized on site with minimal co-ordination or corrections.

Responsibilities:

- Designing and developing solution for Building Management System.
- Preparation of Shop drawing Installation Details Diagrams.

Project Details: Dirab airbase (Saudi Arabia)

As an Electrical Designer, my responsibilities were designing and preparation of BMS, fire alarm, & communication/AV drawings in accordance with internationally approved standards such as ASME, NFPA, UPC, IPC etc.

- Prepare the DWG incorporating comnts/variations by client and site verification comnt of all MEP Dwg.
- The drafting/designing jobs between various Engineers and QC's
- Successfully completed the assigned tasks within the project schedule.
- Preparation of the As Built mark-up drawing.
- Performed well under high-pressure situations such as Tie-in jobs.

Duration : 04th Oct 2009 to 22nd Dec 2014

EPC was established to undertake Power Projects on turnkey basis. Power Projects covering Substation, Transmission Lines, Generating Stations, and associated Civil, Mechanical/HVAC works including LV distribution, Communication, Low Current, SCADA System. The jobs in EPC are carried out based on the requirements of specific projects and are capable of delivering the service meeting SARAMCO/SEC Standards in addition to relevant International Standards such as ANSI/IEEE/NEPA etc.

Client's: Saudi Aramco

- : Saudi electricity company (SECO)
- : Royal Commission (RC)

I worked as Cad Engineer in Rastanura area Ju'aymah plant (Saudi Arabia). To prepare all IFC drawings, as-built drawings, shop drawings etc..., As per Saudi Aramco standard.

Preparation of Basic and detailed design of Substations #50 and Service building #4: Aligned Equipment Layouts/GA, rounding Layouts, Lightning Protection Layouts, Lighting layouts (indoor, outdoor – road/parking /conveyor Galleries), Power layouts, Small power distribution Layouts, Cable tray/ conduit routing, Cable tray/trench sections. HV / LV bus-duct routing, Electrical Area Classification drawings, Cable and conduit schedules, Interconnection Layout drawings, Panel schedule drawings, SCADA Cable block diagrams, Relaying and protection schematic drawings, Typical scheme drawings for Motors, Generators, Feeders etc.

Project Details: Ju'aymah plant (Saudi Arabia)

Duration : From Feb 2012 TO Dec 2014

Project Title: Upgrade substation#50 at Ju'aymah tank farm. New 230kV lines (One Km U/G & 3km O/H) between & NBSP: JGP and JTF, New Gantry / transition structure for 230kV cable from U/G to O/H.

Client: - Saudi Aramco

Scope of work includes complete Engineering design procurement & Installation of electrical system for 230KV Ju'aymah Substation objective of the electrical scope of work is to provide the extension 230kv outdoor switchyard, 230 kv power transmission line & 230/13.8 kV outdoor substation for Ju'aymah oil fields. Includes transferring the electrical power feeds of the Ju'aymah Tank Farm (JTF)

Project Details: Abqaiq Plant (Saudi Arabia)

Duration : From Dec 2009 TO Nov 2011

Project Title: Power supply to future ESP's & WIP's in Abqaiq Area- GOSP 2
(Gas & Oil Separation Plant). North WIP (Water injection Plant)

Client: -Saudi Aramco

Scope of work Includes Complete Procurement Construction & pre-commissioning of electrical system for 69/34.5 KV Outdoor substations. Objective of the electrical scope of work is to provide the two outdoor substations (Named as GOSP-02 & NORTH WIP) & Extension 69KV power transmission line for Abqaiq Project.

Project Details: East West (Saudi Arabia)

Duration : From Oct 2009 TO Dec 2009

Project Title: Replace The Control Systems at East West Pipeline Pump station

Client: -Saudi Aramco

Complete Procurement and Construction of low voltage system, low voltage transformer, SCADA system, Fire system, lighting System, small Power System, HVAC Control etc. (Pump station#01 to 11 and pressure reducing station#01).

I worked as a Cad Operator in Saudi Aramco project. I was in this of Replace control system at East west pipeline pumps stations. To make all the as-built drawings as per site condition in EAST-WEST Pipe line pump stations project of SAUDI Aramco under BI-10-00179. Work involves incoming. Monitoring the construction crew and check as per site follow the SARAMCO standard and prepare as built.

Duration : From April 2009 TO Aug 2009

Client: -Honeywell Automation Pvt Ltd. Pune

This company experience is in Oil & gas, refinery & other vertical markets gives us advantage to execute wide range of projects - Green field, Migration, connectivity projects. We believe in customer satisfaction, and thrive to meet requirements in all ways by taking continues feedbacks from customers.

I had worked in **ODOPTU PROJECT** of Russia Country with the **contract** of **Honeywell Automation Pvt Ltd. Pune**.

PERSONAL INFORMATION:

Date of Birth : 23/10/1986
Marital Status : Married
Languages Known : English, Hindi, Marathi, Malayalam, Tamil & (Basic- Kanada, Arabic)
County of Residence : Indian – Having Valid Passport
Driving License : Yes Valid – Saudi Arabia & India

I hereby assure that all the mentioned statements are true to the best of my knowledge and believe.

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(Prince Raju)