** BUCKYA**

**Electrical Design & Tender Engineer**

**MASTER OF TECHNOLOGY IN ELECTRICAL ENGINEERING**

**EMAIL :** [**buckya-394041@2freemail.com**](mailto:buckya-394041@2freemail.com)

**EXPERIENCE:**

* Worked as **Assistant Engineer in Hyderabad, Telangana** from **05-12-2018 to 05-09-2019**.**Leading Class 1 - Electrical Contractor & Engineers.**

**Job Responsibilities:**

* Study/ Review of Design &Tender Documents, Scope of Work, Drawings, BOQ, Specifications requirement etc., from tender document for proper estimating works.
* Preparing Technical Queries for ambiguities in drawings, specifications and BOQ.
* Preparation of load schedule according to standards.
* Selection of cable size.
* Preparation of sectional drawings as per BOQ.
* Placement of switch boards, sockets, etc. according to installation standards.
* Preparation of lighting and power layouts.
* Follow up with the suppliers/ Sub Contractor to obtain quotation in time, clarify to all their queries and meetings with the supplier/ Sub Contractor when required.
* Pricing Material and Labour cost of each BOQ item in the price comparison sheets, by using the quotations and a pre determined man power production rates.
* Checking all the addendums and communications received from the client/ consultants, ensuring that all items are being clarified and considered in the pricing.
* Preparing qualifications, assumptions, exclusions, deviations if any.
* Worked as a **Contract Engineer in Hyderabad, Telangana** from **01-11-2016 to 14-11-2018**.
* During this period working out on Missile Subsystems related Telemetry, Data Link & Sensors with different applications involved in testing.
* Data Analyzing with MATLAB Software.
* Involved in testing of automatic equipment’s.
* Electrical Designing for Missile & drafting of Mechanical models of missile airframe sections.
* Trained as a Graduate Engineer Apprentice from

**27-01-2014 to 26-01-2015**.

* During this period worked out on Electrical & Electronics related maintenance and breakdown of CNC machines. Involved in testing of automatic equipment’s.
* Involved in missile sub-system testing.
* Studied and prepared a project report on “Power Distribution” in BDL.

**PROFESSIONAL TRAINING:**

* **KG-Mech Electro-Mechanical Pvt. Ltd.**

Real Time Training in AutoCAD**-“Design and Drafting”**

**Electrical Training Details:**

✔Load Calculation ✔ Light Fixtures ✔Transformer Sizing

✔Diesel Generator Sizing ✔Cable Sizing ✔UPS & Battery Sizing

✔Drawing Detailing ✔AutoCAD Implementation ✔ELV system

✔Earthing Calculation ✔ Cable Tray Calculation ✔Breaker Sizing

**Designing Work Ability – Electrical:**

* Preparation of load schedule according to standards.
* Selection of transformer/Dg capacity and number with necessary metering and protection.
* Preparation of detail main single line schematic.
* Short circuit &voltage drop calculation at each level of distribution.
* Selection of LT switches gear based on breaking, making &short circuit capacity.
* Selection of cable size.
* Preparation of sectional drawings, LT switch board and busbar sizing.
* Design of earthing& lighting protection system.
* Selection of bus bar and its calculation.
* Placement of switch boards, sockets, etc. according to installation standards.
* Preparation of lighting and power layouts.

**ACADEMIC QUALIFICATION:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **Institution** | **Board/**  **University** | **Year of Completion** | **Percentage** |
| Master of Technology  **(Power Electronics)** | TKR College of  Engineering and  Technology, Hyderabad | JNTU University | October-2016 | 70.81% |
| Bachelor of Engineering and technology. (EEE) | Visvesvaraya College of Engineering and  Technology, Hyderabad. | JNTU University | May-2013 | 71.68% |
| Intermediate  (MPC) | Narayana junior college, Santhoshnagar,  Hyderabad. | Board of Intermediate Education | April-2009 | 78.7% |
| Secondary School | Brahmprakash DAV  School Kanchanbagh, Hyderabad. | CBSE | May-2007 | 60% |

**PROJECTS:**

**M.Tech Major Project**

Title : “COUPLED INDUCTOR AND SWITCHED-CAPACITOR INTEGRATED HIGH GAIN CLOSED LOOP DC/DC CONVERTER FOR DC MOTOR”

**Paper Published in INTERNATIONAL JOURNAL OF SCIENTIFIC ENGINEERING AND TECHNOLOGY RESEARCH (IJSETR).**

Place : Naresh Engineering Consultancy, Hyderabad.

**B.Tech Major Project**

Title : “SIMULATED CONTROL SYSTEM DESIGN OF A MULTILEVEL STATCOM FOR REACTIVE POWER COMPENSATION”

Place : Pantech Pro Ed Pvt. Ltd., Hyderabad.

**Onsite Project**

Title : “INCREASING THE EFFICIENCY OF A BOGIE HEARTH FURNACE BY USING THYRISTOR CONTROL”

Place : **Mishra Dhatu Nigam Limited (MIDHANI)**, a Mini Ratna Status Public Sector Undertaking, Ministry of Defense, Government of India.

**TECHNICAL SKILLS:**

* Software Languages : C
* Environments : Windows
* Packages :MS Office Excel, Word,Pspice,Multisim and Matlab
* AutoCAD.
* Dialux.

**PERSONAL DETAILS:**

* Name : Buckya
* Date of Birth : 15th September 1991
* Nationality : Indian.
* Linguistic Ability: English, Telugu and Hindi.
* Hobbies : Swimming, Listening to Music, Cooking, Playing, Indoor games.

**~~R~~DECLARATION:**

I, BUCKYA do hereby confirm that the information given above is true to the best of my knowledge.

**(BUCKYA)**