



KAMRUL HASAN NAHID

Electrical and Electronics Engineer

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Career Profile

Enthusiastic & highly-organized Electrical Engineering Specialist with over 9 years+ professional experience in Energy, Power & Switchgear Sector. Specialized in MV, LV Electrical Substation/ Switchgear / BBT/ Captive Power Plant related Operation, Maintenance, Project design, BOQ Tendering, sourcing & cost optimization. Proven record of success in expanding profit margin in Switchgear-BBT projects & minimizing utility breakdown- power cost for manufacturing Industry.

Areas of Expertise

- ✓ All around experience in **MV, LV Substation & Busbar Trunking System**- from design, technical consultation, drawing, BOQ, Costing, Documentation to implementation & commissioning at site. **Experienced in working with ACCORD (RSC) & ALLIANCE (NIRAPON) standards.**
- ✓ Strong Experience on Operation and Maintenance of Substation Equipment – **Transformers, AVR, HT, LT, PFI Panel, Distribution panels & Gas / Diesel / HFO based Captive Power Plants**
- ✓ **Expert BBT designer (Busbar Trunking System) for any application**
- ✓ Well versed in **Project Planning, Dynamic Project Management**
- ✓ In Depth experience of **ERP System based on SAP MM & SAP PM Modules**
- ✓ Expert in **2D & 3D CAD Design, Single Line Diagrams (SLD), BOQ** and Cost optimization
- ✓ Well experienced on industrial **electro-mechanical installation supervisory work.**
- ✓ Experienced in **Tender preparation, submission & execution.**
- ✓ Practically Experienced in many other fields such as- Thermographic Inspection, Lightning & Surge Protection System, Solar Panels and many more

Employment History

Total Experience: 9 Years

1. Employer Name : **SQUARE TEXTILES LTD.**
Designation : **Executive Engineer (Oct-2014 to Sep-2018– 4 Years)**
Department : **Engineering – Power Plant & Utility**
Responsibilities :
 - Operation, Troubleshooting and Maintenance of -
 - 8.60 MW HFO & Diesel based power plant (Man, Cummins Engines)
 - 17.75 MW Plant Gas Engines (Caterpillar, MWM & Waukesha Engines)
 - 6 Substations of Total 48.63 MVA capacity (33/11KV & 11/0.415KV)
 - Project management of HT, LT transmission line & sub-stations (33 & 11KV)

- Management of 40 subordinates while strictly maintaining work standards
 - Preparing maintenance and overhauling schedule of generators
 - Continuous communication with management, procurement team, technical support team, local & foreign suppliers to ensure smooth operation
 - To maintain numerous reports consisting- Generation, Consumption, Breakdown, Cost analysis, Inventory reports maintained on daily, monthly & annual basis (Microsoft Office & SAP PM & MM based).
2. Employer Name : **MAMPOWER LTD.**
 Designation : **Assistant Manager (Oct-2018 to May-2023– 4 Years 7 Months)**
 Department : **Design Engineering & Technical Sales Support**
Responsibilities :
- Leading technical team for making Substation & BBT designs, costing & offers
 - Attending client meetings for Technical consultation & assessment of project
 - Preparing BBT & substation SLD, Designs, 2D & 3D drawing, BOQ, Costing & Offers
 - Ensuring proper execution of various Govt. & Non-Govt. Tender submission
 - Analysis of Project cost for cost optimization
 - All foreign Principal / Vendor communication & management of LC/PO etc.
3. Employer Name : **Electromech Automation & Engineering Ltd.**
 Designation : **Manager (June-2023 to Ongoing – 4 Months)**
 Department : **Project Design & Sales**
Responsibilities :
- Substation & BBT Project Sales & Technical representation
 - Marketing Authorized Distributorship Products of Mitsubishi Elec., Japan & DTM Elektrotechnik, Turkey
 - Spearheading Project Design & Offer making dept. for making Substation & BBT designs, costing & offers
 - Technically Representing Company at client meetings for Technical consultation & assessment of project
 - Preparing BBT & substation SLD, Designs, 2D & 3D drawing, BOQ, Costing & Offers

Educational Qualifications

2009-2014 **Bachelor of Science in Electrical and Electronics Engineering**
 CGPA: 2.59 out of 4.00
American Intl. University-Bangladesh (AIUB)
 Major: Power Generation, Transmission & Distribution

2009 **Higher Secondary Certificate**
 GPA: 4.10 out of 5.00 in Science Group.
 Ideal College, Dhanmondi
 Education Board: Dhaka

2007 **Secondary School Certificate**
 GPA: 4.63 out of 5.00 in Science Group.
 Ekramunnesa School, Rampura
 Education Board: Dhaka

Career Achievements

- Successfully designed & commissioned BBT system in numerous industries & Establishments with significance
- Project execution of Installation works of an 8.2MW HFO Power Plant in minimum timeframe
- Designed & executed Project plan of a complex power distribution & load sharing system (REB + UPGD + CAPTIVE POWER) synchronized by 11KV HT switchgears and respective transformers which is now under stable operation
- Introduced routine Thermographic Survey of electrical systems which revealed major findings preventing approx. **Tk. 2.5 Crore** worth probable breakdowns in Capital Machinery

Software Skills

Technical: AutoCAD, BlindoCAD, SAP, Adobe Photoshop etc.

Official: Microsoft Office (Word, Excel, Power point), Networking & Email Communications

Personal Profile

Name : Kamrul Hasan Nahid
Father's Name : Md. Ruhul Amin
Address (Permanent) : House- 185, West Rampura, Dhaka- 1219
Contact Number : 01675-512529 / 0175-5694851
Date of Birth : 02/06/1992
Religion : Muslim
Height : 5'-10"

Reference

1. Md. Alamgir Hossain

General Manager (Head of Engineering),
Thermax Group
Cell: 01974-093786

2. Maroof Muhammad Hasan

Sr. Portfolio Professional, Siemens
Industrial Bangladesh
Cell: 01789-167671

Declaration

I confirm that, to the best of my knowledge and belief, all the information given on this curriculum vitae is true, correct, and complete. I understand that, any false statement may lead to rejection in recruitment process or employed dismissal

Regards



Kamrul Hasan Nahid