

# HASSAAN NAWABI

House No. 1003 Road D Phase 5 Bahria Town Islamabad  
| Mobile: 00923224198944, 00923028230579 | E-mail: hassaannawabi@gmail.com |  
| Skype ID: hasbinzah | DOB: 30-06-1986 | Married |

## SENIOR ELECTRICAL ENGINEER

| Project Management | Electrical Product Specialist | Proposal & Cost Estimation | MV/LV Electrical Designing |

### Professional Summary:

- Resourceful Senior Electrical Engineer with +9 years delivering multi-million worth in Medium Voltage and Low Voltage Electrical products.
- Proven expertise in Electrical Products Sales, Business Development, Cost Estimations, Electrical Design and Consultancy, Tendering and Proposal Development, Product and Project Management, Site Operations, After Sales Services, Manage installation and commissioning works.
- Skilled in designing, installation and commissioning of electrical equipment such as Distribution Transformers, Medium and Low Voltage Switchgears, Ring Main Units, Generators, Motors, Solar Panels, Air Compressors etc.
- Expert in Electrical power related products like Transformers, Medium and Low Voltage Switchgears, Grid Stations, Energy Meters, Generators, Cables, Busways, Substation Equipment, Testing Equipment's, Solar Power Solution also dealing in Compressors, Steel Bridges, Industrial UPS solutions and products like Casing, Piping, Tubing, X-overs, Pup joints and Valves.
- Registered Electrical Engineer from PEC - **Registration No. Elect/26223**

### Areas of Expertise:

- Power/Distribution Transformers
- MV/LV Switchgear, Grid Stations
- Electrical Design & Consultancy
- Managing team of engineers
- Expertise in Electrical Software.
- Electrical Products Specialist
- Project Proposal Development
- Tendering and Pre-Qualifications.
- Project/Product Cost Estimation
- Project/Product Management
- Business Development.
- Site Operations Leadership
- Team Leadership & Training
- Business Negotiation
- Market Intelligence

## EXPERIENCE & ACCOMPLISHMENTS

### Senior Engineer,

Power Division, PAK ELEKTRON LIMITED (PEL)

Dec 2014 – Present

Islamabad

Identify potential projects, proposed solutions, supply electrical equipment and execute projects. Supervise team of engineers at site to perform installation and commissioning of Transformers, Medium and Low Voltage Switchgears, Ring Main Units. Writing reports and compiling data regarding existing and potential electrical engineering projects and studies. Preparing specifications to share with clients for purchases of electrical equipment and materials. Estimating material, labor, or manufacturing costs of equipments for proposals and budgets. Providing after sales service support to client on supplied electrical equipment. Working with a variety of technicians. Proficient in using design and electrical calculations. Expertise in medium and low voltage electrical designing. Maintain strong customer relationship with valued clients and consultants. Electrical consultancy after conducting site surveys, feasibility studies, calculations and shared technical design submittal to clients. Study and respond to RFQ's after reviewing specifications further propose solutions and submit quotations along with technical specifications and drawings on AutoCAD. Expertise in tendering, proposal submission and pre-qualifications. Coordinate with service division for warranty claims. Lead technicians to provide after sales services at sites. Electrical consultancy after conducting site surveys, feasibility studies, calculations and shared technical design submittal to clients.

### SELECTED ACCOMPLISHMENTS:

- Instrumental Project Management, Medium Voltage and Low Voltage Electrical Designing, Project and Site Management, Procurement, Business Development, Electrical Engineering Consultancy, and Supervision.
- Calculated electrical load, conduit and electrical system sizing, and equipment capacity for Transformer, MV/LV Switchgears, Generators, Motor Control Centers, Auto Transfer Switch, PFI Panels, Synchronizing Panels.
- Exercised hands-on approach for commissioning of electrical equipment such as Distribution Transformers, Medium/Low Voltage Switchgears, Ring Main Units, Generators, Motors, Solar Panels, Air Compressors etc.
- Built collaborative rapport with IESCO, WAPDA, NTDC for connection of WAPDA inspected Transformers and 11kV Switchboards such as WAPDA Industrial Panels, Grid End Panel, Outgoing Panels, Consumer Panels.

...continued...

- Expertly dealt with Power Transformers, Distribution Transformers, 11kV Medium Voltage Switchgears and 415V Low Voltage Switchgears, PFI, Synchronizing, ATS, Energy Meters, Control and Protection Panels.
- Utilized engineering knowledge to manage Electrical layout design and single line diagram of Medium / Low Voltage Switchgears, Transformers and RMU's on AutoCAD to further proposed the client for approval.

## Project Engineer

Jun 2012 – Dec 2014

Projects & Machinery Division in Jaffer Brother Pvt. Ltd.

Karachi & Islamabad

Identify new projects and delivered technical and commercial support for Power T&D, Renewable Energy and Oil & Gas sector. Steered efforts towards business development, Strategic planning and execution of Projects and Machinery division. Create technical & commercial proposals, pre-qualifications, EOI for Govt. & Private sector. Reviewed enquiry documents, obtain offers, tender preparation, and generate comparative statements. Prepared BOM, BOQ, RFQ/RFP, Quotations as per the requirement of the ongoing projects. Sourced projects and arrange necessary meetings to finalize the deals.

### SELECTED ACCOMPLISHMENTS:

- Directed all Sales, Tender, and Private business activities, visited clients for providing solutions, identifying and assessing potential projects, searching potential principals for quality product.
- Accomplished Projects management life cycle which includes feasibility, estimation, project planning, tendering and contract award, implementation, commissioning and acceptance.
- Administered electricians to execute electrical works involve in projects, routine operation with respective reports for superiors as well as maintenance team to do their job done within the given schedule.
- Managed delivery, installation and commissioning of the project as per contractual agreements, established and maintained relationships with customers, negotiated and closed sales by agreeing terms and conditions.
- Designed Marketing strategies for the product offered by projects division, created short Pre-feasibility reports, service reports and day to day reports for projects, provided pre-sales technical assistance and product education.

### ADDITIONAL EXPERIENCE

**Executive Assistant, IBA CEE** - *Training and Development Department, January 2012 – May 2012*

- Offer trainings to Executives and Organizations, Trainers Evaluations, Organize Trainings, Workshops & Seminars.

**Technical Sales Executive** - *Currys, Dixons - Oxford, UK, May 2011 - December 2011*

- Sales of electrical and electronics products, After sales services, Stock Management, Product Demos.

**Team Lead Member-** *Odean - Oxford, UK, June 2010 - April 2011*

- Box Office and Retail operations, Floor and Screen Management, Promotional Activities, Odean Card Sales.

### PROJECT MANAGEMENT EXPERIENCE

#### PAK ELEKTRON LIMITED

- Defence Housing Authority Phase-V Islamabad [Contract: PKR. 81.26 Million] Dated: 09.03.2018
- Housing Directorate GHQ for Askari-14 Rawalpindi [Contract: PKR. 9.325 Million] Dated: 23.04.2018
- Air University Islamabad for Building Load Extension - [Contract: PKR. 5.575 Million] Dated: 11.09.2017
- Construction of ASF Camp Islamabad International Airport. [Contract: PKR. 4.5 Million] Dated: 07.08.2017
- World Trade Center & Giga Mall Islamabad - [Contract: PKR. 6.45 Million] Dated:11.05.2017
- Metro Bus Islamabad Project - [Contract: PKR. 7.17 Million] Dated: 07.06.2017

#### JAFFER BROTHERS PRIVATE LIMITED

- Executed Heavy Duty Air Compressor Installation & Commissioning at UCG Thar, CNC Machines to National Training Bureau, Islamabad, Spare parts for Printing Machine to AIOU.
- Executed Installation, Testing and Commissioning of Generators for United Bank Limited.
- Proposed Solar Power ATM to NBP, HV/LV Testing Equipment to Siemens and to Alstom.

# HASSAAN NAWABI

| 0092-3224198944 | E-mail: hassaannawabi@gmail.com

Page 3 of 3

- Pre-Qualification for Coal Fired Power Plant, 600MWe for Engro Powergen Limited
- Pre-Qualification for Coal Fired Power Plant, 50MWe for CFPP.
- EOI for 1320MW Coal Fired Power Plant at Gaddani to PPIB and for 58MW Hydro power project to PPIB.

## CORE EXPERTISE

**Software:** Computer Aided Design (AutoCAD 2017) | Designing, Analysing fault level and Load flow and protection using IPSC+ | Power System Analysis tool NEPLAN and ETAP | ladder logic in PLC, RSLOGIX 500 & i-TRiLOGI 6 | Microsoft Office (Word, Excel, PowerPoint, Outlook, FrontPage) & Internet Applications. |Circuit designing software MULTISIM.

**Hardware:** Electrical equipment Transformers, Motors, Generators, PLC, HMI | Certificate course on PLC (Programmable Logic Controller) | acute knowledge of Microcontrollers | build, customize and troubleshoot electrical designs.

**Electrical Design Skills:** Detailed knowledge of electrical calculations including; Power triangle, Cable calculation, Lighting calculation, Power factor improvement, Substation designing and load calculation for residential, commercial and industrial buildings, Circuit breaker selection and Generator set selection for load, Fault calculation, Impedance calculation, cable calculation. Solar power design, Wind Power Design, MV/LV switchgear design, PFI design, ATS design, Street Light panel design, Bus Tie Duct, Substation design, electrical distribution design

## AWARDS & ACCOMPLISHMENTS

- Diploma in "Advance Contract Management" at Wissen Group, Tahir Mahmood Kiyani – Sep, 2013
- Certification in "Generator Fundamentals" at online Energy University S.E, October 2013.
- Awarded a Certificate for completion of "AUTOCAD, 2D & 3D 2006", for 12 weeks, 2013.
- Awarded Best Sales Team Leader - Odeon Oxford UK, March 2011
- Wrote a Technical paper on " Optimization of Distributed Generation using IPSCA and Net Present Value Calculation" for Cardiff University, UK - 2010
- Participated as Assistant Supervisor in 'Polio Health Campaign' organized by WHO in 2009.
- Awarded a Certificate for course on PLC (Programmable Logic Controller) for 4 weeks in 2008.
- Awarded a Gold Medal, winner in the "Interdepartmental Hockey Tournament", in 2008.
- Awarded a Certificate for course on Micro controllers for duration of 4 weeks in 2007.
- Awarded a Proficiency certificate for course on Macromedia Flash for duration of 4 weeks, 2006.

## EDUCATIONAL BACKGROUND

**Master of Science in Electrical Energy Systems** | Cardiff University, UK - 1st Division with Distinction - 2009-2011

**Bachelors of Electrical Engineering** | N.E.D University of Engg. & Tech. - 1st Division - 2005-2008

## TRAININGS, WORKSHOPS & SEMINARS

Training on "Time Impact"	Training on "V" by Pakistan Society of Training & Development		
Road-show "Schneider Electric World of Energy Efficiency for a better Country"	Training on "Negotiation Skills"		
Workshop on "Problem Solving & Decision Making"	Training on Renewable Energy Technologies, Wind Energy"		
Training at PIMS on "Customer Relationship Management"		Workshop on Key Account	Seminar on "Budget 2012"
Seminar about Writing Business Case Studies for KESC by IBA	Training by UFONE "Leadership for the future"		
Training by NPO on "Enhancing quality and productivity through interview and presentation skills"			