

ABBAS BASHIR AHMED



Contact

Address:

Libya Street, Gadsiah Residency
region, Eastern Nile - Khartoum

Phone:

+249 912532877 (WhatsApp)
+249122120067

Email:

abbasbashir@live.com

LinkedIn:

[linkedin.com/in/abbas-bashir-2a1ba263](https://www.linkedin.com/in/abbas-bashir-2a1ba263)

Skype:

[Live:.cid.2ce2bde586c26979](https://www.skype.com/user/cid.2ce2bde586c26979)

Languages

Arabic – Native
English – Fluent
Chinese – Beginner
French – Learner

Computer Skills

Wworking knowledge of programming languages such as C, C++, FORTRAN, and Quick Basic. Highly proficient at Access, Excel, Word & PowerPoint. Knowledge of Mat lab and Electronics Workbench and assembly code also I can deal with Linux operating system.

Summary

A professionally Project, Electrical Engineer with vast experience in Planning, Scheduling and Construction management. Proficient mainly in managing mega projects and multimillion dollars' projects such as Hydro power plants, Dams, Hydromechanical works, Steel industry and Electrical Grids such as Overhead and Underground cables. Ideal candidate for position requiring drive, initiative, responsibility and challenge.

Skill Highlights

- Project management
- Strong decision maker
- Can meet scope and deadline
- Interpersonal/Communication
- Quick and continued Learning
- Critical Thinking
- Details-focused
- Creative design
- Team and Hardwork
- Complex problem solver

Experiences

1- Electrical Engineer - 08/2011 to 02/2013**Sudanese Electricity Distribution Company SEDC – Khartoum Sudan**
(National Service period and contractual period)

- Study and get Knowledgeable understanding for the company Scope, Grid Components and How to satisfy the Job requirements.
- Complete detailed studies for the New Clients and following their applications till connecting to the national grid.
- Carry out quality assurance tests to ensure the compliance of the new extensions of the grid to the company requirements.
- Electricity grid substations 33/11/0.415 KV operation and monitoring.
- Working in the Company Computerized Systems such as Smart Prepaid metering systems (Conlog – Sudavend) and New Customers request to be connect to the national grid Computerized system.
- Customers Complaining management system 4848 call center.
- Develop project concepts and maintain optimal workflow.
- Work with senior staff to apply Geographic Information Systems in the grid GIS.

2- Electrical Engineer - 02/2013 to 08/2013**Liberty Steel Company – Khartoum north – Industrial zone – SUDAN**

- Reviewing the detailed Design of (2*8) ton Melting Shop Factory.
- Following up the equipment's arrival to site from manufacturers and ensuring the standard conditions of handling & storing them till the time of their erection in the factory.
- Erecting and installing the all-Factory's electrical systems (33 KV Cables, 2 Unit * 1000 MVA transformers, 33KV switchgear, DC converter System, two Induction Furnace, Continuous Casting Machine CCM, Electric Overhead EOT Cranes, Lighting system, Motor Control Center MMC systems, LV system.
- Power factor correction and Harmonics Filtration Substation Installation.
- Testing and Commissioning the electrical systems.

Presentation

Developed ability to produce reports and presentations to a professional standard.

Scope of work: Electromechanical equipment's contract comprises of the following main components:

- Four Kaplan Turbines, each with capacity of 80 MW and its Governors Systems.
- Four Set of Generators 13.8 KV-93 MVA and its Excitation systems, Generators Switchgears (GCBs), Generators Main Circuits 13.8 KV, HV gas insulated Busbar GIL.
- Main Transformers (13-unit Bank Type) 13.8 /220 kV, Auxiliary Transformers, Gas Insulated Substation 220KV Double Busbar (GIS), 220KV Cable Systems and MV, LV switchgears and cables systems.
- Computerized Control System, Communication Systems, CCTV systems.
- DC, UPS and Diesel Generating Systems and Earthing and Lighting Protection Systems.
- Balance of Plant (BOP) Systems such as Heating Ventilation Air Conditioning System (HVAC), Water Cooling System, Comprised Air System, Oil Filtration System, Drainage & Dewatering System, Tail Water Depression System, Fire Protection System, Water Purification System, Sewage System, Measurement System for Hydraulic Quantities, Elevators, Mechanical Equipment's and Electrical Equipment's Workshops, Powerhouse Hall Main Crane 280/80-ton, Auxiliary Crane 25 ton, GIS Hall Overhead Crane 10 ton.

I have participated and contributed highly in :

- Follow up the implementation of the Project according to the contract requirements.
- Participating in the review and approving Design of the Electrical Systems.
- Attending Factory Acceptance Tests (FAT) of the electrical systems Equipment's in china.
- Inspection and supervision of incoming electrical systems equipment's and their Storage conditions before install them.
- Following up the installation work of the electrical systems equipment's on the site and check if its comply to the Technical Specifications and Standards.
- Perform inspection before and pre-fabrication or erection for the electrical systems.
- Verifying or witnessing the corrective action as required.
- Attending the Commissioning of installed systems.
- Attend monthly joint visit, weekly progress meeting with the project stakeholders.
- Administrative tasks like writing reports, participating in the training programs which organized to knowledge and experiences transfer between the project's parties.

Practical Training

- **Kenana Sugar Company (KSC):**
16/8/2010 – 15/9/2010
- **National Electricity Corporation (NEC) :**
03/8/2008 – 17/8/2008
- **Transformers Factory (NEC):**
06/8/2009 – 23/8/2009
- **Rosieres Hydropower station (280MW):**
15/9/2013 – 26/9/2013
- **Water Resources and Electricity training centre (Umharaz):**
01/9/2013 – 12/9/2013

Electrical Engineering Codes and software's

Capability and competency to work with:

- **Etap.**
- **DIgSILENT_PowerFactor**
- **PSS®E high-performance transmission planning software**
- **PVsyst Photovoltaic software**
- **NEPLAN Power System Analysis Software.**
- **Power World Simulator.**
- **Labview.**

Activities in Nuclear field

- International Conference on the Management of Spent fuel SNF from Nuclear Power Reactors 24-28 June 2019 Vienna.
- Virtual Event – IAEA TC Training Course on Awareness and Identification of NORM Residues May 25, 2021.
- Knowledge Management Meeting to Support the National Nuclear Energy Program of Sudan, June (Virtual Event) 20- 24, 2021.
- Interregional Training Course on Leadership and Management for safety – Russia Nov 15 - 19, 2021

3- Electrical Engineer - Sudanese Thermal Power Generating Company Project Engineer Sudan First Nuclear Power Project 08/2015 till now

- Reviewing & Understanding the Project documents such as Consultancy Prepared studies :FEASIBILITY STUDY AND SELECTION OF TECHNOLOGY FOR SUDAN'S FIRST NPP, Public Communication & Stakeholder Management Strategy PCSHM, Human Resources Development Plan HRDP and Quality Assurance Program for the Operator Organization
- Head of Nuclear Knowledge Management NKM unit.
- Working in Establishing and Launching NKM system.
- Doing researches about Nuclear Fuel Cycle.
- Working in Human Resources Development Plans, and its Implementation.
- Member in team for Developing Integrated management system for the Nuclear Power Project Owner/Operator
- Member in team for Public consultation and stakeholder engagement.
- Contributing in developing Terms of references for services needed for the Directorate.
- Conducting the Annual plan activities.

4- Tutor & Teaching Assistant in Omdurman Islamic University Faculty of Engineering – 09/2011 – 02/2013

5- Lecturer in Omdurman Islamic University Faculty of Engineering – 09/2021 till now

Education

- **Bachelor (B.Sc. Honours)** in Electrical & Electronic Engineering with Grade (Second class – Division One).

Training

- **Microcontroller** Advanced Training Course with Very Good Grade at (Mansoura University – Telecom Training centre – Egypt).
- **Programmable Logic Controller** Course (PLC) with Good Grade at (Mansoura University – Telecom Training centre – Egypt).
- Diploma in **Supervisory Control and Data Acquisition** (SCADA) with Good Grade – Abdelbary Engineering and Technical training centre.
- **Mat lab** First Course – Hitech Training Center – Cairo University.
- **Electrical Installations** Training Course – Abdelbary Engineering and Technical training centre.
- **AutoCAD** Training Course.
- **Building management system** (BMS) – Abdelbary Engineering and Technical training centre.
- **PRIMAVERA** Training Course– Abdelbary Engineering and Technical training centre.
- Diploma in **Computer Applications** with Very Good Grade.
- **Communication Skills** in English Language.
- **First AID** in community training Course.
- Diploma in Neuro Linguistic Programming (NLP).
- Preparations Course for **PMP**.