***RESUME***

***ABUBAKR MUSATFA ELWRAG***

**Electrical Engineering**

 **** **Contact Information:**

 **Mobile: 00966553960399**

 **Telephone: 0096612915390**

 **Drake &scull International Saudi**

 **Riyadh –Kingdom of Saudi Arabia**

  **E-Mail:** **bekooonntqhse@yahoo.com**

***PERSONAL DETAILS***

Name: ABUBAKR MUSTAFA ELWRAG

Date of birth: 01/6/1986

Place of birth: KSA

Gender: male

Nationality: Sudanese

PASSPORT No: C0328340

Religion: Muslim

Marital Status: Single

*OBJECTIVES*

To *seek Career in a progressive and dynamic organization for senior procurement engineer*

***EDUCATION***

* *{2010-2011}* Master Degree in Electrical Engineering (Microprocessor and Control)

SUDAN UNIVERSITY OF SCIENCE & TECHNOLOGY

* *{2004-2009} B.Sc (Honours) in ELECTRIC ENGINEERING*

SUDAN UNIVERSITY OF SCIENCE & TECHNOLOGY

 Grade/Division : Second class Division One (Honours)

#### Qualifications Summary

* Background in the principles and practices of electrical generation, engineering design and construction.
* Excellent supervisory experience, including setting goals and objectives, project development, planning and organization, budget monitoring and cost control.

#### EXPERIENCES AND RECORDS

* **Procurement Engineer -30/3/2013 up to date Drake & Scull International PJSC KSA**
* **Position : Sr.Procurement Engineer - Electrical**
* **Responsibilities:**
* Receive material requisition (Drawings + Specification + Bill of Quantities) pertaining to Mechanical / Electrical Section of the works.
* Review the material requisition and ensure that all data required for pricing are available in the documents.
* Float enquiries to specified and non-specified vendors and obtain quotation on time.
* Evaluate vendors proposals technically in compliance with project specifications in tabulated.
* Suggest suitable technical alternatives whenever possible in coordination with engineering and site teams.
* Evaluate the supplier quotations against the project requirements such as capacity, quantity, specifications, deviations, etc. Make comparative analysis of technical and commercial aspects.
* Prepare Contractual Agreement with the selected vendor to ensure satisfactory performance and price validity for the benefit of the company.
* Ensure materials purchased are in line with project specifications and industry practice.
* Receive and review technical submittal from selected supplier and forwarded to engineering/site transfer detailed study and to obtain consultants approval.
* Prepare value engineering proposals if requested.
* Revise the costing for the post tender clarifications received.
* Provide price and technical inputs to generate official purchase order.
* Coordinate with supplier and site to ensure smooth delivery.
* *Review Draft tender documents and RFP in conjunction with other Dept. prior to floating of tender*
* *Review and prepare simple contracts, work orders, letter of nominations (LONs), etc. for the award of various work packages*
* Liaise with other depts. To obtain all the necessary documents for preparing the contracts, work orders
* *Assist contracts manager to negotiate contractual terms and conditions during tender interview, when required*
* *Assist contracts manager to carry our any other tasks and duties for the contracts dept*
* **Project : Makkah Guest Houe**
* Contract Value : 227 Million USD
* Jeddah –Kingdom of Saudi Arabia
* **Project : lamar Tower**
* Contract Value : 460 Million USD
* Jeddah –Kingdom of Saudi Arabia
* **Project : ITCC - (it03)**
* Contract Value : 45 Million USD
* Riyadh –Kingdom of Saudi Arabia
* **Project : Al Dara Hospital Riyadh**
* Contract Value : 40 Million USD
* Riyadh –Kingdom of Saudi Arabia
* **Project : KSUE – B03 & B05 & BO6 B011**
* Contract Value : 200 Million USD
* Riyadh –Kingdom of Saudi Arabia
* **Project : KAPSARK (MEP ENGINEER WITH ARAMCO EXPERIENCE )**
* Contract Value : 300 Million USD
* Riyadh –Kingdom of Saudi Arabia
* **Site engineering-29/10/2010 – 30/3/2013 –in life light engineering.**
* **Position : Electrical Engineer**
* Contract Value : 15.7 Million USD
* **Responsibilities:**
* Supervise all electrical work (power, light, and CCTV, fire alarm and equipment installation).
* Prepare projects material submittals, method statements and documents to get approval from, consultant and client.
* Prepare materials take-off, requisition and co-ordinate with supplier as per site condition.
* Maintained effective working relationship with consultants, client, vendors, outside agencies and other staffs.
* Co-ordinate with other services and making modifications and recommend for other solutions.
* **Position : Building Automation System Engineer**
* **Responsibilities:**
* Ensure compliance of shop drawings with design specs, national and international standards
* Review and process all electrical and technical submittals
* Review correspondence related to electrical works, process appropriate response
* Issue request for information (RFI) that apply to electrical works
* Prepare as built drawings
* Panel erecting, testing, laying and terminating cables
* LV & HV generation, distribution and protection systems
* Installing and setting fire alarm & CCTV systems
* As a Technical Assistant of the Quality Control Manager my responsibilities were:
* Ensure methods and procedures carried out correctly and according to latest drawing and specs
* Ensure inspections carried out on permanent materials both during and after construction
* Ensure monitoring and testing activities performed adequately, and issue non-conformities
* Inspect completed works and ensure compliance with the design and technical specifications.
* Able to locate position of pipe and pipe connections and passage holes by marking structure, using ruler, level, and plumb bob. Skilled at accommodating pipes and pipe fittings by cutting openings in floors and walls, using hand tools and power tools. Thoroughly knowledgeable of all power tools, analyzing information, problem solving, basic safety techniques, and all ADA Requirements. Skilled at all equipment maintenance
* Prepare electrical drawings and specifications.
* Manage project schedules and budgets, and obtain permits for operations.
* Make engineering calculations in connection with field and office assignments.
* Investigate problems and recommend solutions.
* Ensure compliance with safety requirements and standards procedures
* Exercised cost control, monitored schedules, and investigated problems
* Maintained effective working relationships with field crews, contractors, vendors, outside agencies, the public and city staff members
* Provided technical support for system operations and maintenance
* **Project : Al Qasswa Factory for Vetirnatiy Production**
* **Project : The New U.S.A Embassy Project in Khartoum, Sudan**
* **control engineer-30/10/2009 – 29/10/2010- in Beirag Factory for Cement**
* **Teaching assistance (part-timer) in Sudan University of Science and Technology from 16/10/2009 – 20/10/2010.**

***KEY COURSES***

|  |  |
| --- | --- |
| * **Plc**
* **Dcs**
* **Dsp**
* **Communication**
* **Matlab**
* **Microprocessor**
* **Power Electronic**
* **Sensor**
* **Economic Engineer**
 | * **Machine(dc-ac)**
* **Special machine**
* **Transformer**
* **Synchronous motor**
* **Fuzzy control**
* **Neural network**
* **Digital communication**
* **Management Engineer**
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***SKILLS***

* Computer skills**:**
	+ **Programming: UNIX, Linux & Oracle**
	+ **Office: Microsoft Office**

 **Diploma in Computer Science**

* Communication skills**:**
	+ **Project’s Oral Presentation**
	+ **Report Writing**
	+ **Tutoring**
* Language skills**:**
	+ ***Arabic: mother tongue***
	+ ***English: fluent spoken and written***
* **Computer languages (FORTRAN, C++, MikroC, Matlab, Assemply, Multisim, Microcontroller and Microprocessor, Sensor & transducers and PLC).**
* ***Able to understand and operate new applications and softwares***
* ***Able to work and be productive in multicultural environment***
* ***Mobile hardware and software technical services (expert)***

***TRAINING COURSES***

* General Training Period**:**

**National Electricity Corporation**

 **Khartoum, Sudan**

**01.03.06 – 01.05.06**

* Infield Training Course**:**

**International Factory for Iron & Steel**

**Khartoum, Sudan**

**31.08.07 – 31.10.07**

* External Training Courses**:**
1. ***Cairo University***

**Faculty of Engineering**

**High Tech Centre**

**Cairo, Egypt**

**21.09.08 – 29.09.08**

***Includes:***

* ***Control Systems***

**Duration: 20 hours**

* ***Electrical Power***

**Duration: 20 hours**

1. *Safety courses* ***(QHSE)***

***Includes:***

* **Fire Fighting**
* **Personal Protection Equipments**
* **Log out tag out.**
* **First Aid.**
* **International iron & Steel Corporation Safety Orientation**

 ***PERSONAL TRAITS***

* **Hard-working**
* **Fast-learning and well-organized**
* **Enjoy team work and individual work**
* **Friendly and responsible**
* **Willing to travel**