

RESUME

Name:	Mazin Bala Elbashir Mohamedahmed
Position:	Civil & Structural Engineer
Nationality:	Sudanese
Date of Birth:	1982. 08.02
Gender:	Male
Belief:	<p>I Possess good Communication Skills, trained in a civil engineering degree courses, I am well motivated, hardworking, personable and reliable, capable of working in a group as well as an Individual and well organized and proficient with details. I have Good Knowledge in Oil & Gas industrial construction and design, as: Safety Rules, Operation Procedures of Equipment, Quality assurance and control and Structural analysis and design. Knowledge of Business and Management Principles, Ability to maintain high accuracy levels and work quality standards, Self-starter with strong planning, presentation, communication, and interpersonal skills, Creative and innovative, Analytical Thinking, Ability to take initiatives, Experience in managing people and Adaptability & Innovation.</p> <p>Thank you</p>
Education Background:	
Period	Education description
Dec 2000 to August 2005	University/Institute/College: University of Khartoum, Faculty of Engineering And Architectures, Department of Civil Engineering
	Bachelor Degree (honors) of science in Civil Engineering
Jan 2016 to Dec 2017	University/Institute/College: University of Khartoum, Faculty of Engineering
	Master Degree of science in Engineering Management
Training:	
Period	Training description
Sep 2012	PMP exam preparatory course, AXON-Sudan
August 2004	Construction management, Egypt for management and engineering development(EMEND), Egypt
March 2002	Strategic planning course, FRIEDRISH EBERT STIFTUNG, Sudan
March 2006	Foundation works for transmission tower line, crossing of the white Nile, SUDAN PILE FOR ROADS & BRIDGES (Sudanese piling contracting company)
Sep 2013	Communication skills, ICQ Sudan
Oct 2013	Successful Planning Organizing and Controlling, ICQ Sudan
May 2014	Design of reinforced Concrete Structures, Elmanhal Sudan

June 2014	Environmental Aspects Impact Assessments (EAIA)& Environmental Impact Assessments (EIA) , PETRONAS HSE group
June 2014	Planning and scheduling, PETRONAS Marketing Sudan
Oct 2014	Hazards Effect Management, Confined Space Entry ,PTW &JSA, Incident Notification and Investigation and HSE Management System Process , PETRONAS Marketing Sudan
Oct 2015	Effective Supervisory Skills, PETRONAS Marketing Sudan. And ADNOK UAE
April 2018	ISO 90001-2015, Lloyd's Register
Sep 2019	Collective bargaining and negotiation skills, Clingendael Netherlands institute of international; relations
Primary Certificates:	
University/Institute/College: University of Khartoum, Faculty of Engineering And Architectures, Department of Civil Engineering B.Sc (honors), Major: Civil engineering	
University/Institute/College: University of Khartoum, Faculty of Engineering M.Sc Major: Engineering Management	
Work Experience:	
Period	Work description
June. 2016 to Nov.2019	<p>Company: Oil Energy Co. Ltd</p> <p>Position: Projects Section Head</p> <p>Project Description/ Responsibilities:</p> <p>Primarily responsible for the successful completion of assigned projects, meeting the company's contractual obligations and the clients' requirements and expectations</p> <p>Repeated responsibilities Vs. various projects :</p> <p>Pre-construction Stage:</p> <p>Follow and supervise projects section's engineers for the following:</p> <ul style="list-style-type: none"> Analyzing Client's project related requirements Preparing the Design Brief in terms of function ability, cost, time, quality and safety Developing project control systems Finalization of project organization chart. Establishment of project communication and reporting system Preparation of works breakdown structure Preparation of Project Master Schedule with base line Preparation of Design / Drawings deliverables schedule Feedback on the Master Budget of the project Co-ordination and follow-up with Architect and other design consultants for their inputs Identifying and suggest consultants/designers for specialized requirements

- Leading project meetings as necessary for review of progress
- Setting up ,tracking, monitoring a design deliverable schedule
- Checking & verification of designer's submissions (design basis reports, value engineering, cost benefit analysis, drawings etc)
- Cost control during all stages of design and design development
- Preparation of procurement plan
- Reviewing of technical specifications and Bill of Quantities (BOQ)
- Monitoring the statutory approvals process by follow-ups with liaison consultants and reporting the progress.
- Conducting Pre-bid meetings and feedback for completeness of tender specifications and technical parameters.
- Submitting Weekly and Monthly progress reports

Construction Stage:

Assigning staff and follow up with them for the following :

- Full time supervision of All construction works / activities for the project
- On-site design co-ordination and issue of drawings / clarifications
- Organizing approval to contractors shop drawings, product data sheets, samples,
- Refinement of works breakdown structure
- Monitoring the progress of work with the Master construction schedule
- Prior flagging of anticipated bottlenecks and analysis of its reasons
- Day to day correspondences including contractual issues
- Change order management for design changes and extra items
- Preparing QA/QC plan and Method Statement
- Quality assurance and control to ensure conformance to drawings and specifications.
- Establishing EHS plan (Environment, Health and Safety)
- Issuing AFC drawings to respective contractors and keep updated record issued.
- Scrutinizing and checking working drawings received from designer
- Organizing Progress review meetings on weekly basis.
- Collecting, reviewing and maintaining all the records of contractors' daily progress reports
- Checking and reviewing the plans & specifications for the proper construction & quality implementation at job site.
- Performing pre-inspection to ensure that all installed materials are within the standard in conformance to applicable drawings & specs.

	<ul style="list-style-type: none"> • Conducting final inspection prior to precede concrete pouring and other succeeding work activities that requires step by step inspection as per inspection and testing procedures (I.T.P.). • Rendering monitoring and surveillance on site to control the quality of work being implemented by the construction group. <p>Post-Construction Stage:</p> <p>Follow up with the assigned staff for the following:</p> <ul style="list-style-type: none"> • Advising about probable date of Substantial Completion • Preparing & addressing the schedule of defects / punch lists • Providing assistance in Testing and commissioning of the facility • Collection and integration of various manuals, commissioning & test certificates • Reconciliation and Certification of Final bills of contractors, suppliers, vendors and consultants • Preparation of project close-out report including learning • Collating and verifying all As-built drawings • Addressing any queries during defects liability period • Co-ordination with the Contractors to rectify the defects during the defects liability period <p>Some projects undertaken:</p> <ul style="list-style-type: none"> • Design and supervision of various steel structures with OIL ENERGY co ltd such as Warehouses, vertical tanks office buildings and entire depots • Kilimanjaro International Airport Fuel Facility, Tanzania-Design Team Leader • UN fuel Depots UNISFA South Kurdofan-Design Team Member • Several number of Fuel Service Station • Supervision of new company building 14 floors – design phase
August 2013 to June. 2016	<p>Company: Petronas marketing Sudan Ltd</p> <p>Position: Senior Ex. Project Engineer</p> <p>Project Description/ Responsibilities:</p> <p>Primarily responsible for the successful completion of assigned projects, meeting the company's contractual obligations and the clients' requirements and expectations</p> <p>Repeated responsibilities Vs. various projects :</p> <p>Pre-construction Stage:</p> <ul style="list-style-type: none"> • Analyzing Client's project related requirements • Preparing the Design Brief in terms of function ability, cost, time, quality and safety

- Developing project control systems
- Finalization of project organization chart.
- Establishment of project communication and reporting system
- Preparation of works breakdown structure
- Preparation of Project Master Schedule with base line
- Preparation of Design / Drawings deliverables schedule
- Feedback on the Master Budget of the project
- Co-ordination and follow-up with Architect and other design consultants for their inputs
- Identifying and suggest consultants/designers for specialized requirements
- Leading project meetings as necessary for review of progress
- Setting up ,tracking, monitoring a design deliverable schedule
- Checking & verification of designer's submissions (design basis reports, value engineering, cost benefit analysis, drawings etc)
- Cost control during all stages of design and design development
- Preparation of procurement plan
- Reviewing of technical specifications and Bill of Quantities (BOQ)
- Monitoring the statutory approvals process by follow-ups with liaison consultants and reporting the progress.
- Conducting Pre-bid meetings and feedback for completeness of tender specifications and technical parameters.
- Submitting Weekly and Monthly progress reports

Construction Stage:

Assigning staff and follow up with them for the following :

- Full time supervision of All construction works / activities for the project
- On-site design co-ordination and issue of drawings / clarifications
- Organizing approval to contractors shop drawings, product data sheets, samples,
- Refinement of works breakdown structure
- Monitoring the progress of work with the Master construction schedule
- Prior flagging of anticipated bottlenecks and analysis of its reasons
- Day to day correspondences including contractual issues
- Change order management for design changes and extra items
- Preparing QA/QC plan and Method Statement
- Quality assurance and control to ensure conformance to drawings and specifications.
- Establishing EHS plan (Environment, Health and Safety)

- Issuing AFC drawings to respective contractors and keep updated record issued.
- Scrutinizing and checking working drawings received from designer
- Organizing Progress review meetings on weekly basis.
- Collecting, reviewing and maintaining all the records of contractors' daily progress reports
- Checking and reviewing the plans & specifications for the proper construction & quality implementation at job site.
- Performing pre-inspection to ensure that all installed materials are within the standard in conformance to applicable drawings & specs.
- Conducting final inspection prior to precede concrete pouring and other succeeding work activities that requires step by step inspection as per inspection and testing procedures (I.T.P.).
- Rendering monitoring and surveillance on site to control the quality of work being implemented by the construction group.

Post-Construction Stage:

Follow up with the assigned staff for the following:

- Advising about probable date of Substantial Completion
- Preparing & addressing the schedule of defects / punch lists
- Providing assistance in Testing and commissioning of the facility
- Collection and integration of various manuals, commissioning & test certificates
- Reconciliation and Certification of Final bills of contractors, suppliers, vendors and consultants
- Preparation of project close-out report including learning
- Collating and verifying all As-built drawings
- Addressing any queries during defects liability period
- Co-ordination with the Contractors to rectify the defects during the defects liability period

Some projects undertaken:

- **Design and supervision of various steel structures with OIL ENERGY co ltd such as Warehouses, vertical tanks office buildings and entire depots**
- **Kilimanjaro International Airport Fuel Facility, Tanzania- Design Team Leader**
- **UN fuel Depots UNISFA South Kurdofan-Design Team Member**
- **Several number of Fuel Service Station**

Supervision of new company building 14 floors – design phase

	<p>Example of projects:</p> <ul style="list-style-type: none"> • Design and supervision of various steel structures with PETRONAS co ltd such as Warehouses, vertical tanks, office buildings and entire depots • Petronas Lubricants Blinding Plant tank farm and Drainage System- Designer • Petronas Lubricants Blinding Plant Water Treatment Unit- Designer • Shegara Depot main Office-Designer • Shegara Depot Warehouse-Designer • Several number of Fuel Service Station
June 2012 to May.2013	<p>Company: Centroid technical services "SUDAPET"</p> <p>Position: Civil inspector/ Civil Engineer</p> <p>Project Description/ Responsibilities:</p> <p>Construction Stage</p> <ul style="list-style-type: none"> • Full time supervision of All construction works / activities for the project • On-site design co-ordination and issue of drawings / clarifications • Organizing approval to contractors shop drawings, product data sheets, samples, • Refinement of works breakdown structure • Monitoring the progress of work with the Master construction schedule • Prior flagging of anticipated bottlenecks and analysis of its reasons • Day to day correspondences including contractual issues • Change order management for design changes and extra items • Preparing QA/QC plan and Method Statement • Quality assurance and control to ensure conformance to drawings and specifications. • Establishing EHS plan (Environment, Health and Safety) • Issuing AFC drawings to respective contractors and keep updated record issued. • Scrutinizing and checking working drawings received from designer • Organizing Progress review meetings on weekly basis. • Collecting, reviewing and maintaining all the records of contractors' daily progress reports • Checking and reviewing the plans & specifications for the proper construction & quality implementation at job site. • Performing pre-inspection to ensure that all installed materials are within the standard in conformance to applicable drawings & specs.

	<ul style="list-style-type: none"> • Conducting final inspection prior to precede concrete pouring and other succeeding work activities that requires step by step inspection as per inspection and testing procedures (I.T.P.). • Rendering monitoring and surveillance on site to control the quality of work being implemented by the construction group. • <p>Post-Construction Stage:</p> <ul style="list-style-type: none"> • Advising about probable date of Substantial Completion • Preparing & addressing the schedule of defects / punch lists • Providing assistance in Testing and commissioning of the facility • Collection and integration of various manuals, commissioning & test certificates • Reconciliation and Certification of Final bills of contractors, suppliers, vendors and consultants • Preparation of project close-out report including learning • Collating and verifying all As-built drawings • Addressing any queries during defects liability period • Co-ordination with the Contractors to rectify the defects during the defects liability period <p>Project:</p> <ul style="list-style-type: none"> • South Annajma Oil Field is located in the north-east of Keyi Oil Field, approximately 22km away from Keyi Field Production Facilities (FPF) at south kordofan .The mission of this project was to transfer the crude oil from five wellheads within South Annajma Oil Field to an Early Production Facilities (EPF) for removal of bulk water as well as further treatment to meet export specifications of maximum 0.5% BS&W and then export 10,000 BOPD approximately via 43km export pipeline to the existing light crude shipping tanks at Fula CPF of Petro-Energy Operating Company (Block 6). The combined sales oil of (Star Oil Company and Petro-Energy L/C) is transferred via the Light Crude pipeline connected to the GNPOC pipeline
March 2010 to June 2012	<p>Company: Chris for contracting Co</p> <p>Position: Resident Engineer</p> <p>Project Description/ Responsibilities:</p> <ul style="list-style-type: none"> • Supervise all activities of project and ensure compliance to all plans and specifications and identify all errors in plans and ensure optimal working of construction personnel. • Manage and maintain accurate field notes and maintain flow of technical information and prepare comprehensive assessment reports.

	<ul style="list-style-type: none"> • Oversee working of all engineering personnel and inspect all materials and assist to resolve all construction process and recommend improvement to all construction activities and ensure compliance to specifications and construction schedule and prepare all progress reports • Prepare all project documents and design all purchase orders and project schedules and ensure compliance to all health and safety policies and participate in evaluation of all engineer personnel • Evaluate all improvement operations and ensure availability of all resources and coordinate with customer to prepare all outage schedules and provide recommendation for all repair work and ensure compliance to all timeframe <p>Project:</p> <p>Sudan Academy for Administrative Sciences (SAAS) Tower is located at Khartoum, Aljamaa Avenue with total area of 3500m², the project comprised of the following:</p> <ul style="list-style-type: none"> ○ Block A consists of 13 story building concrete framed with basement floor, and floor area of 400m², block A designed to accommodate offices 130 for both SAAS and ministry of Human resources. ○ Block B consist of 4 story building concrete framed with basement used as parking and floor area of 650m² , block B designed to accommodate libraries, staff lounge and 9 Nos. of participant lecture hall . ○ Block C is a main lecture hall for conferences; composite steel structure roof is used to provide an eighteen meter long span, block area is 350m² and height of 9m. ○ Guard room and generator room. ○ Mosque 100m² approx. ○ Cafeteria 100m² approx. ○ Land escaping area.
Nov. 2007 to Dec.2009	<p>Company: MR ALKHATHLAN for contracting and trading</p> <p>Position: Project Engineer</p> <p>Project Description/ Responsibilities:</p> <ul style="list-style-type: none"> • Primarily responsible for the successful completion of assigned projects, meeting the company's contractual obligations and the clients' requirements and expectations. • Ensure direct, effective and timely communications of requests for action, response to requests, routine reporting and important information to management, head of department, lead engineers and all supervised staff.

- Ensure that all scope of work, budget and schedule are known, understood and adhered to by all supervised staff.
- Coordinate preparation of all overtime requests and material requisitions.
- Review and concurrence of petty cash expenses claim and business travel requests.
- Assist the quality manager in production of a project quality plan, issue to the client and relevant staff and monitor adherence to its requirements.
- Monitor overall productivity and efficiency of each department, forecast trends and anticipate potential problems and difficulties meeting milestones or budgets coordinate with management, head of departments and lead engineers to resolve problems.
- Monitor adherence to the contract and scope of work; identify variations in a timely manner, whether initiated by client or internally. Obtain client's approval of direction and any impact upon the project budget or schedule prior to implementation.
- Conduct meetings with project staff with effective communications clarifying project requirements. Follow-up to ensure a clear understanding.
- Prepare weekly short term resource requirement reports.
- Coordinate, monitor and where necessary, supervise all subcontracted work.
- Participate in the squad check of all design deliverables, reviewing format, presentation, consistency, level of detail and general design content.
- Produce accurate and informative weekly internal and client project status reports and communicate potential problems to management.
- Obtain client's approval for all necessary overtime on the unit rate projects.
- Provide project management support to the procurement department.
- Performance of a risk analysis on large and complex projects.
- Perform any other duties assigned by management

Project:

UPGRADE OF ELECTRICAL DISTRIBUTION SYSTEM AT FIVE (5) SOUTHERN AREA GAS OIL SEPARATION PLANTS (GOSP), SAUDI ARAMCO

LSPB project to upgrade existing electrical distribution systems at five (5) GOSPs at Shedgum & Uthmaniyah areas. The existing obsolete electrical equipments and the existing van contained substation shall be demolished and new substations shall be constructed at new locations as per Saudi Aramco standards. The project consists of procurement,

installation, testing, pre-commissioning and commissioning of the following:

- Construction of precast substation buildings (5 Nos.)
- Construction of structural & substation buildings foundations
- Construction of generator shelter rooms.
- Fabrication & erection of six hundred twenty one (621) tons of structural steel for cable tray racks.
- Installation of: Thirty Two (32) 115kV/34.5kV/13.8kV/4.16kV Power Transformers
- Five (5) Pad Mounted Transformers
- Twelve (12) SF6 Circuit Breakers
- Twenty One (21) Capacitor Voltage Transformers
- Thirty Two (22) Air Break Disconnect Switches
- Twenty One (21) Surge Arrestors
- Seven (7) Low Voltage Switchgears
- Nine (9) Medium Voltage Switchgears
- Fifteen (15) Low Voltage Controlgears
- Ten (10) Medium Voltage Controlgears
- One Hundred Nine (109) Station Post Insulators
- Cable Bus & Fitting LV & MV 1,261 Mtr.
- Tubular Bus & Fittings 115kV 1,551Mtr.
- One (01) Set of 30kVA UPS System.
- Five (5) Sets of DC Power System
- One (01) 480V-500kVA Diesel Generator with Storage Tank
- Eleven (11) No. of Lighting Contactors
- Five (05) Nos. of Digital Ground Fault Recorders
- Five (05) Lot of Power Monitoring System (PMS)
- Five (05) Lot of SCADA/RTU System
- Five (05) Lot of Substation Protection & Control Equipment
- Construction of 7 Kms. 115kV Overhead Transmission Lines.
- Installation of power and control cables 600 Kms. Approx.
- Indoor & outdoor lighting system for all five (5) substation buildings.
- Area lighting system.
- Perimeter lighting system.
- New grid grounding system.
- Safety grounding system.
- Instrumentation grounding system.
- Telecommunication system.
- Fiber optic cable network.
- Gaitronics page party system.
- OSP & ISP cabling.
- Re-routing of existing 14 inch crude piping.
- Re-routing of existing 16 inch & 6 inch water piping.

	<ul style="list-style-type: none"> • Fire hydrants & monitors. • HVAC system for all five (5) substations including all duct works & air intake stack system. • Re-route & extend existing perimeter fencing with type -1 SSD fencing.
Sep 2006 to May 2007	<p>Company: MHM International for engineering Co.Ltd</p> <p>Position: Site engineer</p> <p>Project Description/ Responsibilities:</p> <ul style="list-style-type: none"> • Primarily responsible for the successful completion of assigned construction activities <p>Projects:</p> <p>Construction of Telecommunications facilities- several telecom towers and 30 and 60m height</p>
Aug 2005 to Aug 2006	<p>Company: Ministry of physical planning and public utilities/ housing and development fund</p> <p>Position: Site engineer</p> <p>Project Description/ Responsibilities:</p> <ul style="list-style-type: none"> • Render monitoring and surveillance on site to control the quality of work being implemented by the construction group. • Conduct final inspection prior to precede concrete pouring and other succeeding work activities that requires step by step inspection as per inspection and testing procedures <p>(I.T.P.). Project:</p> <p>High-rise building Construction – 10 numbers of residential towers each 10-story height</p>
Language:	
Mother language:	Arabic
Second language/level:	English/ Fluent IELTS General Training Score 6

1. Bachelor of Civil Engineering



2. Master of Engineering Management


The Republic of The Sudan
University of Khartoum
Academic Affairs Secretariat


KU 0041303

CERTIFICATE


Mazin Bala Elbashir Mohamedahmed
Sudanese National

This is to certify that the above named has passed the final examination
in the Graduate College and has been awarded the degree of Master of
Engineering Management

on 30th of Rabia I 1439
19th of December 2017

by the Senate of the University of Khartoum


Prof. Adil Ali Elhussain Harad
Dean


Selma Khalid El Sheikh
Registrar


Prof. SAMIR SHAHEEN
Academic Affairs Secretary

Date: 30-10-2018

Nile Ave., Khartoum - Tel: 00249-155661068 - Email: academic@uofk.edu - Website: <http://www.uofk.edu>

3. Confined space entry, PTW & JSA



4. Detailed design of RC building



5. Hazards and effects management process



6. HSE MS



7. Incident Notification and Investigation



8. PMP preparation



9. Successful planning, Organization and Controlling



10. Negotiation process:



Clingendael

Netherlands Institute of International Relations

C E R T I F I C A T E

This is to certify that

Mazin Balla

Has successfully completed the training 'Understanding Negotiation Processes: Planning, Strategy and Skills', a negotiation training for the Sudanese Professionals Association (SPA), held in Sudan, from 4 until 8 November 2019.

Sudan, November 8, 2019

Director Clingendael Academy

Ron S. Ton, MA

11. Achieving break-through performance



12. Communication skills:

