

## PERSONAL INFORMATION



<b>Name:</b>	EHAB MOHAMMED HUSSIEN BALLAL
<b>D.O.B.:</b>	May-89
<b>Gender:</b>	Male
<b>Languages:</b>	Arabic (Mother Tongue), English (Fluent)
<b>Marital Status:</b>	Married
<b>Current Location:</b>	Tabuk, Kingdom of Saudi Arabia
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## OBJECTIVE

To Fully Utilize my experience and knowledge as Civil Engineer in projects engineering, Management, Optimization & Construction. I have strong learning skills, Knowledge seeker, good team Member/ Leader and organizer, Self-starter, and committed to successfully completing complex projects and tasks.

## EDUCATION

**2006-2011:** University of Khartoum - Faculty of Engineering - Civil Engineering.  
Bachelor Degree of Civil Engineering (Honours) (Second class- Division 1/Very Good)  
Graduation Project titled as" **Design of a Reinforced Concrete Tall Building**" Awarded (**August 2011**).

## AREA OF EXPERTISE

- Vast concrete Buildings construction and engineering Management such as High Rise buildings, Villas Complex, Multi-storey Building complex with various structural systems adopted.
- Infrastructure construction of sewer manholes, Culverts, Trenches, channels, etc.
- Generation of detailed shop drawings to suit ease of construction and waste control.
- Project Financial Layout and follow up.
- Preparation of payments certificates.
- Creation of follow up forms for materials, equipment, etc.
- Structural Design Coordination & Optimimization.

## MEMBERSHIPS AND ACCREDITATION

- Sudanese Engineering Council.
- Saudi Engineering Council.
- General Directorate of Military Works, Saudi Arabia.

## VARIOUS AND SHORT COURSES

- ETABS & SAFE Design Software.
- AUTOCAD.
- Planning using Primavera P6.
- Advanced Excel 2013.
- Plan swift Quantity Surveying software.
- PMP preparation course.
- BIM Management.

## SKILLS

- **Software Skills:** Working knowledge of FORTRAN programming language. Highly proficient at Microsoft Excel, Word & PowerPoint.
- **Analysis & Evaluation:** Proficient in assessing large data and formulating solutions.
- **Organizational:** Effective time management and prioritizing tasks to achieve deadlines.
- **Interpersonal/Communication:** Strong team member, leadership and communication skills.

**KEY ACHIEVEMENTS**

- Construction & Revision of a mini city sanitary & storm drainage design data and approve the necessary changes to meet design and project standards.
- Optimize design to reduce cost using standards allowance for curtailing reinforcement.
- Manage generation of structural shop drawings to reduce waste of reinforcement to less than 0.5%. Reinforcement costs more than 3M USD. That was achieved while design & construction in parallel.
- Work in conjunction with pricing team to provide rigorous estimates for concrete works to avoid an inevitable loss in one of the projects.
- Provision of Administrative forms (gate passes approval, Financial forms, material importing, etc...) to ease up repetitive/follow-up process.
- Working as full time site Administrative/Accountant for 6 months and closing of 2018 financial year successfully along with my duties as Technical office manager on site.
- tutoring/helping junior students (during college days) in various batches in structural engineering subjects.
- Large & complex data handling, comprehension & revision.

**WORK EXPERIENCE**

<b>Project Title:</b>	<b>Construction of Regional Board &amp; Conference Hall - Tabuk Emarah</b>
<b>Company / Role:</b>	Saudi Construction Development Company / Main Contractor - <a href="http://scdco.sa/index.php/en">http://scdco.sa/index.php/en</a>
<b>Position / Role:</b>	<b>Site Technical Office Manager/Stru. Engineer/Design Coordinator</b>
<b>Location &amp; Period:</b>	Tabuk, Northern Region - KSA , Nov. 2020 - Present
<b>Project Budget:</b>	<b>8.50M USD</b>



**Project Scope**

- Project consists of 3,000 sqm - 2 Storey Administrative Building.
- Structural systems included: Mat & Isolated Foundations, Solid Slabs, Ribbed & Double Tee Precast Slabs. The Building have 28m Diameter, 9m height Dome.
- Challenge: Lead technical office team to deliver highly detailed and highly coordinated drawing that meet project specifications and waste control efficiently.

**Duties and Responsibilities**

- Liaise with all disciplines to Achieve their requirements in Design.
- Quality & Document Control.
- Quantity Surveying.
- Liaise with our design team in H.Q. for Structural design and Review.
- Prepare structural design and shop drawings to meet project standards and requirements.
- Rebar waste/scrap control + vendors quotations evaluation and follow up.
- Preparation of Payment Certificates for Project and Sub contractors.
- Acting T.O. Architectural Engineer.
- Generate Aligned coordinate Drawing in conjunction with Surveying department.

<b>Project Title:</b>	<b>Construction of Administrative Court</b>
<b>Company / Role:</b>	Saudi Construction Development Company / Main Contractor - <a href="http://scdco.sa/index.php/en">http://scdco.sa/index.php/en</a>
<b>Position / Role:</b>	<b>Site Technical Office Manager/Stru. Engineer/Design Coordinator</b>
<b>Location &amp; Period:</b>	Jeddah, Western Region - KSA , Nov. 2016 - Nov. 2020
<b>Project Budget:</b>	<b>65M USD</b>



### Project Scope

- Project consists of 25,000 sqm Basement Parking Area and a tower Area of 4,500 sqm of 14 storeys.
- Structural systems included: Piles, Raft Foundations, Flat Slabs, Solid Slabs, Ribbed Slabs & Panelled Beams(Post tension)
- Challenge: Lead technical office team to deliver highly detailed and highly coordinated drawing that meet project specifications and waste control efficiently.

### Duties and Responsibilities

- Liaise with all disciplines to Achieve their requirements in Design.
- Liaise with our design team in H.Q. for Structural design and Review.
- Prepare structural design and shop drawings to meet project standards and requirements.
- Rebar waste/scrap control + vendors quotations evaluation and follow up.
- Preparation of Payment Certificates for Project and Sub contractors.
- Acting T.O. Architectural Engineer.
- Acting Accountant and Admin. /HR Officer for a 150+ employees on site.
- Generate Aligned coordinate Drawing in conjunction with Surveying department.

<b>Project Title:</b>	<b>Construction Of King Khalid University - Male Dorms</b>
<b>Company / Role:</b>	HADEN / SCDCo. Co Estb. / Sub Contractor
<b>Position / Role:</b>	<b>Project Manager</b>
<b>Location &amp; Period:</b>	Abha, Southern Region - KSA , Mar. 2016 to Oct. 2016
<b>Project Budget:</b>	<b>3M USD</b>



### Project Scope

- Project scope was reinforced concrete workmanship only for 6 Buildings of 5 storeys each floor is 1,700 sqm and 1 Building of 5 storeys, each floor is 1,200 sqm.
- Structural systems included: Solid Slabs, Hollow core Precast Panels.
- Challenge: Lead construction teams to effectively meet tight time schedule + main contractor & owner & consultant Project requirements. Carrying all financial and Admin. HR burden along with technical support for 10 construction teams (100+ employees & sub contractors).

### Duties and Responsibilities

- Coordinate with Main contractor to meet site HSE requirements.
- Shop Drawings Review, Illustration and Site Distribution.
- Recourses Management.
- Support main contractor to minimize waste.
- Preparation of Payment Certificates for Project and Sub contractors.
- Project financial management & acting as Accountant & Admin. /HR officer.
- Main Site Technical Advisor for foremen, steel fixers and carpenters.
- Follow up construction progress according to time schedule.

<b>Project Title:</b>	<b>Construction Of Air Forces Housing</b>
<b>Company / Role:</b>	HADEN Cont. Estb./SCDCo. Co Estb./Sub Contractor
<b>Position / Role:</b>	<b>Site Manager</b>
<b>Location &amp; Period:</b>	Khamis Mushait, Southern Region - KSA, Nov. 2015 to Feb. 2016
<b>Project Budget:</b>	<b>7M USD</b>



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### Project Scope

- Project scope was reinforced concrete for 14 Buildings of 6 storeys each is 1,200 sqm + 2 Elevated Water tanks + Mosque.
- Structural systems included: Raft Foundation, Solid Slabs, Waffle and Ribbed Slabs.
- Challenge: Manage site and resources effectively in fast track project (14 work teams)

### Duties and Responsibilities

- Liaise with Main contractor to meet site HSE requirements.
- Shop Drawings Review, Illustration and Site Distribution.
- Resources allocation + Materials Quotation and Site waste control.
- Quantity take-off for structural works.
- Preparation of Payment Certificates for Project and Sub contractors.
- Main Site Technical Advisor for foremen, steel fixers and carpenters.

<b>Project Title:</b>	<b>Construction of Bachelor Technician and Medical Staff - AFHSR</b>
<b>Company / Role:</b>	SCDCo. / Main Contractor
<b>Position / Role:</b>	<b>Project Engineer / Design coordinator</b>
<b>Location &amp; Period:</b>	Khamis Mushait, Southern Region - KSA, Feb. 2015 to Oct. 2015
<b>Project Budget:</b>	<b>6M USD</b>



#### Project Scope

- Project scope was construction of 9 storeys each floor is 750 sqm.
- Structural systems included: Raft Foundation, Solid Slabs, and Hollow Block Ribbed Slabs.
- Challenge: was to keep work pace as Project Redesign was going parallel to construction

#### Duties and Responsibilities

- Liaise with all disciplines to Achieve their requirements in the building.
- Liaise with our design team in H.Q. for Structural design data required for design.
- Prepare shop drawings to meet project standards and requirements and suit site conditions.
- Rebar waste/scrap control.
- Quantity take-off for the project.
- Preparation of Payment Certificates for Project and Sub contractors.
- Acting T.O. Architectural Engineer.
- Acting Accountant and Admin. Officer.
- Generate Aligned coordinate Drawing in conjunction with Surveying department.
- Site construction follow up and quality control for Structural and architectural works.
- Materials Quotation and delivery follow up.

<b>Project Title:</b>	<b>Construction Of Armed Forces Housing.</b>
<b>Company / Role:</b>	SCDCo. / Main Contractor
<b>Position / Role:</b>	<b>Infrastructure Project Engineer</b>
<b>Location &amp; Period:</b>	Khamis Musahit, Southern Region - KSA, May. 2014 to JAN. 2015
<b>Project Budget:</b>	<b>170M USD</b>



#### Project Scope

- Project scope was reinforced concrete for 41 Buildings (10 Future extension) of 5 storeys of 1,200 sqm + 21 Buildings of 2 storeys of 1,200 sqm + 2 Elevated Water tanks + 2 Mosque + Infrastructure construction of roads, parking, sewer drainage, storm drainage, Irrigation network etc.
- Structural systems included: Raft Foundation, Isolated Footings, Solid Slabs, Waffle and Ribbed Slabs.
- Challenge: was to follow up large scale project Area 10 Km2 along with all site systems review and maintain proper work flow and coordination with other disciplines.

#### Duties and Responsibilities

- Coordinate with all disciplines to manage intersections of networks among site.
- Review and construction of sewer drainage network of more than 1,500 Manholes.
- Storm Drainage Review and construction.
- Coordinate with Surveying department upon site levels and coordinates.
- Site construction follow up and quality control.

<b>Project Title:</b>	<b>Supervision of Kenana Housing Project</b>
<b>Company / Role:</b>	Kenana Engineering & Technical Services Ltd.(KETS)/Consultant
<b>Position / Role:</b>	<b>Site Engineer</b>
<b>Location &amp; Period:</b>	Kenana - Sudan, Aug. 2013 to Apr. 2014
<b>Project Budget:</b>	<b>4M USD</b>



### Project Scope

- The project was construction of residential complex of 53 units.
- Structural systems included: Pile foundations and suspended Flat slabs. For the super structure 3D/M2-Panels system was adopted.

### Duties and Responsibilities

- Prepare reports and plans, and advise regulatory conformance of deliverables for the project or other related on-going activities.
- Supervise site works, maintain reports of the progress of the work, and manage the construction activities to ensure work is completed correctly and efficiently.
- Check and report all materials imported to site.
- Inspect all project activities as required and suit the QC procedures and requirements.
- Review and check payment certificates for the main contractors.

<b>Project Title:</b>	<b>Al-Zargaa Engineering Complex Towers Project</b>
<b>Company Role:</b>	Advanced Engineering Works (AEW) / Main Contractor
<b>Position / Role:</b>	<b>Structural Engineer at Site Technical Office</b>
<b>Location &amp; Period:</b>	Khartoum North - Sudan, May. 2012 to Jul. 2013
<b>Project Budget:</b>	<b>81M USD</b>



### Project Scope

- Project scope was construction of 3 industrial concrete multi-storey Buildings, 5 storeys each floor is 3,300 sqm with complex structural details.
- Structural systems included: Raft Foundation, Solid Slabs, and Hollow Block Ribbed Slabs.
- Façade materials include: Aluminum + Glass panels Cladding.

### Duties and Responsibilities

- Review the design drawings and Provide shop drawings and BBS for all the structural works.
- Quality control for Raft foundations RC casting, and managing the QC execution plans on site.
- Quantity surveying and estimation.
- Preparation of purchase requests for materials on site and scheduling suit different project stages.
- Preparation of method statements for complex structural and construction details.

## REFERENCE-1

<b>Name:</b>	Eng. Omer Elamin
<b>Position:</b>	Projects Manager
<b>Company/ Location:</b>	Saudi Construction Development Company (SCDCo.) , Riyadh , KSA
<b>Contact info.:</b>	<a href="mailto:omer.elamin@scdco.sa">omer.elamin@scdco.sa</a> , +966 55 031 2054

## REFERENCE-2

<b>Name:</b>	Eng. Faiz Mehaisi
<b>Position:</b>	Projects Manager, former Projects Manager at SCDCo.
<b>Company/ Location:</b>	Haden Contracting Establishment , Riyadh , KSA
<b>Contact info.:</b>	<a href="mailto:faiz.mehaisy@scdco.sa">faiz.mehaisy@scdco.sa</a> , +966 50 642 2691

## REFERENCE-3

<b>Name:</b>	Siddig Elteraifi , PhD
<b>Position:</b>	Structural Designer
<b>Company/ Location:</b>	Al-Rasheed Office for Engineering Consultancy , Riyadh, Saudi Arabia
<b>Contact info.:</b>	<a href="mailto:taleem_eae@yahoo.co.uk">taleem_eae@yahoo.co.uk</a> , +966 50 736 0589

## REFERENCE-4

<b>Name:</b>	Eng. Ahmed Abdalla
<b>Position:</b>	Project Manager
<b>Company/ Location:</b>	SCDCo., Administrative Court Project, Jeddah, KSA
<b>Contact info.:</b>	<a href="mailto:ahmed.abdalla@scdco.sa">ahmed.abdalla@scdco.sa</a> , +966 50 118 2428