



Civil Engineer

ELSADIG HASSAN ELSADIG

CAREER AND SKILLS HIGHLIGHTS

Elsadig has Master degree in structural engineering with over 16 years with strong technical, interpersonal and communication skills also he has acknowledged in projects setup management and handover, having experience in a wide variety of role projects and international standards, Elsadig is self-motivated and has the aptitude to handle complicated assignment successfully conducting, effective investigate and advice on technical problems through construction and post construction activities and deal with contractor claims as well. He has good knowledge in Microsoft office: Excel, word, PowerPoint, in addition to design software such as AutoCAD 2D, STAAD pro.

Has Experience in construction work, soil investigations, pile foundation, high rise building, sanitary and finishing works, steel structure, as well as power plant (Gas and steam turbines & their auxiliaries) and substations construction as well as water and fuel tanks

OBJECTIVES

Seeking an opportunity to utilize my extensive experience with an organization that offers growth and increasing responsibility.

EMPLOYMENT HISTORY

STPG – SUDANESE THERMAL POWER GENERATION COMPANY, SUDAN – 2015 - TO PRESENT.

SAUDI ELECTRICITY COMPANY (SEC) 2014- 2015

NATIONAL ELECTRICITY CO -SUDAN 2007-2014

ALFATIH COMPANY FOR CONSTRUCTION AND TRADING (2003-2007) (private company) as site engineer

Education

M.Sc.in structural Engineering university of Khartoum-Sudan, 2018,
B.Sc. in civil Engineering 2002 Omdurman Islamic university- Sudan

Nationality

Sudanese

CONTACT

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PERSONAL

Birth – 1979

Married

Saudi and Sudanese -

Driving License

LANGUAGES

Arabic as a mother tongue

English – good

Membership

Saudi council of engineers

Civil Engineer Professional

Degree Membership No

211467-2014

Sudanese engineering

council **full member Rig**

No 202641 -2018

EMPLOYMENT HISTORY

STPG – SUDANESE THERMAL POWER GENERATION COMPANY, SUDAN – 2015 - TO PRESENT

PROJECTS

1. GARRI 3 AND RED SEA FAST TRACK PROJECT 187*2MW	
Client	STPG
PMC Consultant	LAHYMER International.
Contractors	SEMI TURKISH and SEIMENS GERMAN
Duties & Responsibilities: <ul style="list-style-type: none">• Review contract documents include specifications, contract, approved shop drawings, materials, and method statements.• Inspect construction site, including temporary works to ensure compliance with approved shop drawing, methods and contract requirements.• Review and monitor in timely manner, each Contractor proposed construction equipment and manpower histogram and advice COMPANY of any shortage• Supervised site construction activities and inspection by conducting site visits.to ensure quality of work is in compliance with contract requirements, and assigned (request for inspection R of I), good construction practice, only approved materials are used, compliance with shop drawings, and report any deviations to the site Manager.• Check the quality of concrete for fresh mix and taking sample to insure strength as well the reinforcement• Make annual calibration for laboratory and batcher plant equipment• Regular visits to CONTRACTOR's stores to make sure that all storage, handling and preservation activities are carried as per the CONTRACT recommendations.• Closely monitor the Project site activities in respect of Quality, and Progress and advise Construction Manager of findings, area of concern and corrective action.• Review weekly and monthly reports.• Participate in reviewing change requests as submitted by Contractors and report to Site Manager.• Participate design meeting and reviewing variations, claims and report to COMPANY• Conduct final inspection of work and prepare work punch List• Review and approved the bill of quantities	

1. Red sea 187*2MW

- Project has included 2 gas turbine
- Two bypass stack
- Water treatment plant
- Fuel tank and loading area
- Cooling system
- and control building with three floor
- substation with two transformer bay and control room, CT, VT and trenches and two pass bar
- residence complex with 10 villas and thirty flat for junior staff
- water station with 5 km pipeline and desalination plant
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SAUDI ELECTRICITY COMPANY –NATIONAL GRID

2014-2015 WESTERN AREA

3 -TURBA- RANIYA 110KV TRANSMISSION LINE WESTERN AREA 2014-2015	
Client	SAUDI ELECTRICITY COMPANY
PMC Consultant	MASAR CONSULT ENGINEERING
Contractors	LARSEN AND TIBRO -INDIAN
Duties & Responsibilities: <ul style="list-style-type: none">• Check the alinement of the route.• Manage all aspects of site construction activities including contractual related documentation.• Review contract documents include specifications, contract, approved shop drawings, materials, and method statements.• Inspect construction site, including temporary works to ensure compliance with approved shop drawing, methods and contract requirements.• Supervised site construction activities and inspection by conducting site visits.to ensure quality of work is in compliance with contract requirements, good construction practice, only approved materials are used, compliance with shop drawings, and report any deviations to Construction Manager.• Regular visits to CONTRACTOR's stores to make sure that all storage, handling and preservation activities are carried as per the manufacturer recommendations.• Closely monitor the Project site activities and Perform duties in accordance with company's highest quality expectations, health and safety policies and procedures. Provide support to ensure smooth execution of projects.• Review weekly and monthly reports of the contractor and reporting the high level management.• Conduct final inspection of work and prepare work punch List.• Overview the As-Built drawings, vendor and equipment warranties.	

2. TURBA- RANIYA 110KV TRANSMISSION LINE

- Project has included 256 tower with different type.
- Pavement road with length of 90 km.
- Two substation.

SUDANESE THERMAL GENERATION COMPANY
(STPG)2010-2014

2. ALFULA POWER PLAT PROJECT 135*3MW 2010-2014	
Client	STPG
PMC Consultant	LAHYMER International.
Contractors	CMEC CHINA
Duties & Responsibilities: <ul style="list-style-type: none"> • Prepare the feasibility study, tender documents, soil investigation • Participate design meeting, reviewing, writing comments, as well change request. • Closely monitor site activities in order to ensure quality of work is in compliance with contract requirement, good construction practices and report to construction manager. • Check the control point and reference point using survey equipment as well embedded part. • Check the excavation dimension and drilling depth for pilling as wells backfilling compaction degree • Casting concrete monitoring the mix proportion and temperature control W/C and make • Ensure the contractor's personnel used latest version of approved shop drawing and approved materials as well. • Advising planning engineer and construction manager for any slippage of activities progress • Participate in change requests as submitted by Contractors and report to Construction Manager. • Participate in reviewing variations, claims and report to COMPANY • Conduct final inspection of work and prepare work punch List. • Overview the As-Built drawings, vendor and equipment warranties. • Check and approved the bill of execution work 	

3. ALFULA POWER PLAT PROJECT 135*3MW

- project is consisting of three steam turbine unit and three boilers units. air cooling system central control building
- in addition, the 4 substation and transmission line with length 380km
- crude oil station and pipe line with 120km
- water station with 25 km pipeline
- residential complex for 100 families

NATIONAL ELECTRICITY COOPERATION (NEC) 2009

4 EZERGAB SUBSTATION 100*2KV-KHARTOUM SUDAN 2009	
Client	National Electricity Cooperation (NEC)
Consultant	Project Directory in NEC
Contractors	Shanghai Electric Group (Chinese)
Duties & Responsibilities: <ul style="list-style-type: none">• Review and check the drawing before commencement of the site work• commencement the work on site.• Ensured that shop drawings, coordination drawings, & Material submittals are in line with project specifications.• Supervised site construction activities and Follow up work progress.• Regular visits to CONTRACTOR's stores to make sure that all storage, handling and preservation activities are carried as per the manufacturer recommendations.• Regularly taking sample for inspection for all raw material steel bar and cement as well.• Checking for formwork and scaffolding, and signing RI to resume concrete casting• During casting concrete, we control the mix temperature and w/c regularly also follow up the quality of concrete in 7 & 28 compressive strength.• Closely monitor the Project site activities in respect of Quality, Safety and Progress and advise Construction Manager of findings, area of concern and corrective action.	

4 EZERGAB SUBSTATION 100*2KV-KHARTOUM SUDAN 2009

- The strategic goal of this project is : to supply power for agricultural projects
- It is extension for the existing substation contain two transformer bay and bus bar extension, bus-section control room, administration building.

NATIONAL ELECTRICITY COOPERATION (NEC) 2008

5 WAD ALBASHEER SUBSTATION 100*2KV	
Client	National Electricity Cooperation (NEC)
PMC Consultant	Project Directory in NEC
Contractors	Shanghai Electric Group (Chinese)
<ul style="list-style-type: none">• Review and check the drawing before commencement of the site work• commencement the work on site.• Ensured that shop drawings, coordination drawings, & Material submittals are in line with project specifications.• Supervised site construction activities and Follow up work progress.• Regular visits to CONTRACTOR's stores to make sure that all storage, handling and preservation activities are carried as per the manufacturer recommendations.• Regularly taking sample for inspection for all raw material steel bar and cement as well.• Checking for formwork and scaffolding, and signing RI to resume concrete casting• During casting concrete, we control the mix temperature and w/c regularly also follow up the quality of concrete in 7 & 28 compressive strength.• Closely monitor the Project site activities in respect of Quality, Safety and Progress and advise Construction Manager of findings, area of concern and corrective action.	

5 WAD ALBASHEER SUBSTATION 100*2KV

- The strategic goal of this project is: to supply power for EXTENSION OF UMDURMAN CITY
- It is extension for the existing substation contain two transformer bay and pass bar extension, bus-section control room, administration building.

NATIONAL ELECTRICITY COOPERATION (NEC) 2007-2008

6 Third circuit project	
Client	NEC
Consultant	Aldar consult
Contractor	Higleeg for construction and investment
Cost	360 million USD
Duties & Responsibilities: <ul style="list-style-type: none">• Review contract documents include specifications, contract, approved shop drawings, Materials & equipment and ensures its compliance with contract (Supplier technical and commercial Evaluation)• Ensure quality of work is in compliance with contract requirements, good practice and only approved materials are used.• Closely monitoring site inspector's/engineers performance.• Ensure that site activities are properly monitored and all quality records are established and maintained, Participate in final inspection of work.• Check the alinement of the rout and anchor bolt locations and to ensure the deviation within the permissible range.• Follow up closely the curing• Discuss and approved the change request.• Check and approved the bill of actual executed work.• Follow up the erection of the steel towers.• Review the relevant As-Built drawings, ensure that all site conditions are properly addressed.• Check backfilling and compaction as well earthing conductivity	

6 Third circuit project

- The Project aimed to connect the western state with national grid
- It has consisted 220KV transmission line with length 330km and 4 substation
- Each substation has two transformer bay and two pass bar, in addition to control room and outdoor equipment's

**ALFATIH ALMOBEEN FOR TRADING AND
CONSTRUCTION COMPANY (2003-2007)**

Duties & Responsibilities:

- Participate preparation of bidding and study carefully the all conditions surround
- Coordinate the vendor, suppliers and their payments
- Managing and coordination for man power and equipment
- monitoring the time schedule
- reporting to projects manager
- participate managerial meeting
- follow up closely all site activities such as concrete casting, brick work, plastering, painting and sanitary
- review and check the submittal drawing before resume execution and prepare the bill of quantity
- Participating in a variety of administrative works.

- Different private villas
- National assembly mosque
- Alfao city court Building

NOTICE PERIOD

One Month

REFERENCES

Available upon requested