

Elfadil Abdelrahman Abd allal

Land Surveying & Irrigation Consultant

Contacts

Cell: +966590637488 , +966552577935, +249912166966

Email: fadil.a.alaal@gmail.com , fadilhabib50@hotmail.com

EDUCATION

- MSc of Irrigation & Water Management
 - BSc of Surveying Engineering
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PROFESSIONAL CERTIFICATION AND COURSES

- Project Management Workshop.
 - Procurement Workshop.
 - Fidic contracts course
 - Training Program on LEICA GEOSYST.
 - Surface Irrigation & Drainage Systems Design.
 - GIS Usage in Agricultural Practices.
 - Water Quality Conference.
 - How to Deliver Project on Times.
 - Effective Supervisory & Decision Making Skills.
 - Fundamentals and Advanced of Quantity Surveyor Course.
 - Effective Supervisory & Leadership Skills.
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DISTINGUISHED QUALIFICATIONS

- Strong leadership and managerial skills.
- Experience in precision surveying using modern instrument and equipment like as (G.P.S., Total Station, Auto Level etc.) at various construction projects.
- Irrigation & Drainage Systems Design
- Integrated Water Resources Management,
- Communication skills.
- Time-management.
- Visualization skills.

WORK EXPERIENCE

Over 18 years of practical experience with following organization in Sudan, Saudi Arabia and Nigeria

2015 – 2017: Land Surveying & Irrigation Technical Advisor, White Nile Sugar (Sudan)

- Inspection of the site condition prior to start of construction activities services of irrigation networks and verification of the compatibility of the site with designed permanent work.
- Supervision of the setting out of the agricultural fields by using total stations and RTK GPS instruments.
- Supervision & checking the work of contactors.
- Verify and establishment and periodic checking of Control Points.
- Supervision & reviewing the list of areas and cut or fill computations and volumes calculations.
- Supervision team of land leveling work in preparing contour map, longitudinal section, cross section and Cane fields design and land preparation.
- Checking, adjusting & correcting of Instruments.
- Maintain of monitoring daily Action log, reports and site progress records
- Maintenance of monitoring daily, weekly, monthly and annual reports and site progress records.
- Communication with team, general contractors, sub-contractors & others the weekly progress report.

2006– 2014: Surveyor & Irrigation Tasks Leader Kenana Engineering and Technical Services Client: White Nile Sugar Company

- Led Initial estimate of general surveying works.
- Deliver the design specifications to contractors.
- Supervise of execution surveying works as per scheduled.
- Preparing workshop drawing day-day activities.
- Manged the surveying teams to follow up the daily contractors activities.
- Checking the payments (quantity & quality) Submitted by contractors.
- Supervise the work progress in site and keep It running in excellent performance
- Preparations of engineering estimates related to irrigation & agriculture activities,
- Team member in Design of canalization, drainage system and cane farms,
- Team member in Design cane farms & farrow directions,
- Seminars and workshops for assessment of schemes, new projects and field works,
- Preparations of setting out sheet for design of canalization & drainage systems,

Dec 2013 - Mar 2014: Surveyor & Irrigation Tasks Leader Kenana Engineering and Technical Services, Client: Al Redais Sugar Project (Sudan)

Achievements: -

- Led the surveying teams to overseeing the creation of topographic maps
- Executed surveying works during construction periods for the new projects especially irrigation works (structures and earthworks) and general surveying details (benchmarks, control points, etc.),
- High quality field assessment of the present (irrigation & drainage) systems to establish (500) Feddan cane seed farm in Al Redais Sugar Project (RSP).

Dec 2014: Surveyor & Irrigation Tasks Leader, Kenana Engineering and Technical Services Client: Crystal Sugar Project (Nigeria)

Achievements: -

- Directed technical team in evaluating of the present irrigation and drainage systems in Crystal Sugar Project Seeds Farm in Khadijah State North Nigeria.

May- Aug 2014: Position: Sr. Surveyor Engineer, Kenana Engineering and Technical Services Client: Dangote Group (DSR) (Nigeria)

Achievements: -

- Led technical team in preparing detailed Topographic Map to find out Requirements of feasibility Study of Zaria Kala Kala Sugar Project (64,000) ha in KEPE State western Nigeria.

Nov-2013: Surveyor & Irrigation Tasks Leader, Kenana Engineering and Technical Services Client: Nigerian Sugar Council (NSDC)

Achievements: -

- Managed technical team in preparing detailed Topographic Map to find out Requirements of feasibility Study of MayINN Sugar Project (34,000) ha in Adamawa State Eastern Nigeria.

Nov-2007 – Apr-2008: Sr. Surveyor Engineer, Kenana Engineering and Technical Services
Client Dangote Group Savannah Project (Nigeria)

I controlled the surveying and irrigation teams to develop about 6,000 ha, targeted land for cane farms and rehabilitation the existing irrigation system in Savannah Sugar Project within the scheduled

Achievements: -

- Field Reconnaissance,
- Determine field frame work,
- Bush clearance,
- Setting out control points,
- Established and located Benchmarks,
- Picked grid levelling,
- Create contour maps,
- Create cane farms layout,
- Remodelling the existing irrigation and drainage systems,
- Introduce the water in irrigation system,
- Follow-up the initial irrigation operations,
- Follow-up grading and reshaping the roads for cane transportations.

Oct-2004 to Jan-2006: FreeLancer Quantity Surveyor

Projects of Concrete Tunnel (13.5 km.L), from 1.5 to 2.88 m Height and 4.5m bed wide these dimensions included 41,958 m³ reinforced concrete, this tunnel designed to carry the surface drainage water of the Khartoum south, Complex Buildings Construction.

Achievements: -

- Conducting Workshops with the contracting companies to deliver the technical Specifications
- Checking the payments (quantity) submitted by contract
- Supervising teams of contracting companies in controlling the quality.

Oct-2002 to Oct-2004: Land Surveyor, MANWAH TRADING & CONTRACTING CO. Ltd (KSA)
Projects: Riyadh – Al sulleil high way 140 Km.

Urban roads and electric transmission lines. Riyadh Al Kharj high way road maintenance

Achievements: -

- Conducted all surveying works, concerning the initial surveys to calculate quantities submitted by the
- Ministry of Transportation and Traffic in Saudi Arabia and other surveying works like setting out of road
- center line, stake out, box & pipe culvert dimension and levels, overlaying road layers, curbstone, inter
- Locked, and paving road processes in Riyadh Municipality.

Oct 1999 to Nov 2001: Land Surveyor, Ministry of Physical Planning & Public Utilities
Northern State – Sudan

A surveyor engineer to follow-up the establishment of topographic maps and relevant activities such as

- Designing (water & electricity) networks.
- Designing irrigation canals in agricultural schemes.

WARDS AND MEMBERSHIPS

- Member of Sudan Engineering Council.
- Member of the Sudanese Engineers Society.