



Sr. Survey Engineer
Mohammed Salah Elneial
KSA, Riyadh

Email: mohammedsalalsurv@gmail.com

Phone: +966534188267

Personal information

Nationality: Sudanese

Gender: Male

Marital Status: Married

Date of Birth: 10th, July 1992

Objectives

Applying my acquired knowledge within competitive work environment that enhance my ability to progress, and fulfill my passion for gaining experience and new skills.

Professional Summary

- Above ten years of work experience in Land and Hydrographic Survey, Infrastructure, Agricultural Planning, Urban Planning, Roads and Buildings Construction, Project Management, Office Management
- knowledge on modern survey equipment's including Total Station, Echo Sounder, Sonar and GPS, as well as capable of data management using AutoCAD, AutoCAD Civil 3D, Auto Land, Hypack, and Civil 3D.
- Experience of inspection, supervision & execution of work, management of health & safety and quality management.

Skills

- Excellent communication and active listening skills.
- Ability to converse in a professional manner through verbal and written English
- Strong surveying engineering experience and mathematical skills
- Outstanding analytical and land records checking skills
- Skilled in operating measuring instrument for conducting land survey
- Excellent attention to detail and awareness about job responsibility
- Extensive education and training to guarantee that I am constantly up to date on the newest
- research and information regarding my profession.
- Offices management and organizing skills in very active.

Work Experiences

Survey Engineer at SETS INTERNATIONAL (May2023- Present)

Duties and Responsibilities

- Conducting surveys and gathering data for land development and construction projects.
- Designing and setting up survey systems, including total stations and GPS receivers.
- Performing calculations and analyzing data to produce accurate survey reports.
- Collaborating with other team members, including survey technicians, engineers, and project managers.
- Maintaining and updating survey equipment and software.
- Ensuring the accuracy of survey data and verifying that all survey projects are completed within budget and on time.
- Providing technical support to team members and clients.
- Maintaining a safe work environment and adhering to all safety regulations
- As built of Roads and Infrastructure as per Amana Required

Survey Engineer at I-CON Consultant Abu Dhabi (July 2020- Nov2022)

DAMAC Hills 2

Duties and Responsibilities

- Conduct surveys using various surveying instruments, such as total stations, GPS receivers, laser scanners, and levels
- Establish and verify control points to ensure accuracy in survey measurements
- Collect, analyses, and interpret survey data, including terrain, boundaries, structures, and other relevant information
- Prepare detailed survey reports, maps, and drawings using computer-aided design (CAD) software and other relevant tools
- Collaborate with other Engineering Professionals to provide accurate survey information for project planning and design phases
- Monitor construction activities to ensure compliance with project plans, specifications, and relevant regulations
- Conduct as-built surveys to verify construction adherence to the original design
- Provide technical expertise and guidance on survey-related matters to project teams
- Stay updated with advancements in surveying technology and industry best practices
- Comply with safety regulations and maintain a safe working environment during surveying activities.

Um AL Quwain Water Front Development

Client: Government of Um AL Quwain

Duties and Responsibilities

- Verify the accuracy of survey data, including measurements and calculations conducted at survey sites.
- Follow up in coordination with RE the protection of existing service.
- Follow up and coordination with all governmental Authorities to make sure about Datums and references.
- Check and follow the design important at Site by contractor's and correct all sites mistakes.

Senior Land Surveyor at Awesome Power Contracting L.L.C -Dubai (Jan 2018-jul 2020)

Duties and Responsibilities:

- Check Excavation, preparation of sub-grade, Road base layers and surface checking. Asphalt works done, and base course and wearing course. Protection works such as installation of ducts as irrigation duct, Electrical ducts and split duct including excavation, backfilling and surrounding concrete. kerbstone blinding, hunching concrete fixing of interlocking tiles as per approved design and electrical pole foundation and installation.
- Verify the accuracy of survey data, including measurements and calculations conducted at survey sites.
- Record the results of surveys, including the shape, contour, location, elevation, and Dimensions of land or land features
- Prepare or supervise preparation of all data, charts, plots, maps, records, and documents related to surveys.
- Check the side before the start of the works and record quantity of existing service as manholes obstruction and depressions
- Start setting out and record ground levels and keep the record in the safe location.
- Follow up in coordination with ARE the protection of existing service.

Survey Engineer

Ministry of Water Resource and Electricity - Dams Implementation Unit -Khartoum Sudan (April 2016 – Jan 2018)

Duties & Responsibilities:

- Hydrographic Survey to Dams and water recourse.
- Using specialized technical software and bathometric equipment including, sonars, single and multi-beam echo sounders, DGPS, Motion Reference & Heading Sensor, Sound Velocity Profiler, Sound Velocity Meter, Tide Gauge).
- Agricultural Planning by using GPS.
- working in a variety of different situations and applications including seabed mining, the construction of ports, the provision of navigational charts, and the positioning of AtoN; providing accurate and reliable information for other disciplines such as navigation, dredging, coastal works, seabed feathers, environmental monitoring, aquaculture, marine wind farm development, bridge construction.

Survey Engineer

BAZAN Contracting & Investment CO.LTD (September 2015 - March 2016)

Duties & Responsibilities:

- Conduct surveys to determine property boundaries.
- Prepare and maintain sketches, maps, and reports of surveys.
- Verify the accuracy of survey data, including measurements and calculations conducted at survey sites.
- Operate and maintain surveying instruments such as GPS equipment, theodolites, and total stations.
- Collaborate with engineers, architects, and construction teams to deliver accurate land assessments.
- Research legal records, survey records, and land titles to understand the context of a land area.
- Supervise and manage field staff to ensure survey accuracy and efficiency.
- Prepare and present reports on survey results to clients and stakeholders.
- Ensure compliance with all legal and regulatory requirements pertaining to land surveys.
- Advise on land development and construction projects based on survey results.

Projects Engineer

Khartoum for Roads and Bridges CO.LTD. (Feb 2015 – Sep 2015)

Duties & Responsibilities:

- Independently check and double-check all road layers.
- Check Excavation, preparation of sub-grade, Road base layers and surface checking. Asphalt works done, and base course and wearing course. Protection works such as installation of ducts as irrigation duct, Electrical ducts and split duct including excavation, backfilling and surrounding concrete. kerbstone blinding, hunching concrete fixing of interlocking tiles as per approved design and electrical pole foundation and installation.
- Checking alignment during construction.
- The initial baseline and control surveys including establishment of bench marks and recovery of any existing survey monuments to be removed at the start of the project.
- To control the thickness of the layers.
- Follow up in coordination with ARE the protection of existing service.
- Check and forward as built drawing for engineer's approval.

Survey Engineer

Ministry of Urban Planning-Surveying Co- operation (Nov 2014 – Feb 2015)

Duties & Responsibilities:

- Measure distances and angles between points on, above, and below the Earth's surface.
- Surveyor's mark and document the location of legal property lines. For example, when a house or commercial building is bought or sold, surveyors may mark property boundaries to prevent or resolve disputes. They use a variety of measuring equipment depending upon the type of survey.

Trainings & Development

- Cities Planning Training Course, Ministry of Urban Planning - January 2016.
- GPS Techniques, Ministry of Urban Planning - January 2016.
- Basic Project Management, Brain Growth Center - May 2013
- GIS Principles, Sudan University of Sciences and Technology - July 2013
- Foreign Affairs Works, CSDT - Mar 2011

Education

- Bachelor of Survey Engineering (2009-2014) Sudan University of Sciences and Technology Sudan.

Instruments used

- Total Station, Leica 307, 405 & TC-1201, XYZ Power Set.
- GPS, Leica 1200, Leica GNSS14, Leica GNSS15, Trimble R8 &R10
- Echo Sounder
- Sonar

Others

- Languages: mother language is Arabic, English: fluent both written and spoken
- I have a valid KSA driving license & Car

References

- Available upon request