

AHMED OSMAN ABDALLA HASSAN

General SURVEY

Summary

Surveying Engineer with 9+ years of experience in geomatics, providing precise solutions using GPS, GIS, and advanced tools.

Work Experience

- SURVEY ENGINEER Jan 2022 – 2024 BETTER CIVIL Engineering, SAUDIA AREBIA
- SURVEY ENGINEER MAR 2021 – 2022 AL Shamil Alraeda Engineering Consultants, Oman
- SURVEY ENGINEER Oct 2020 – Feb 2021 Surveying System Engineering Co. Ltd, Sudan
- SURVEY ENGINEER Jun 2016 - Sep 2020 Zadna international for investment co ltd & Zadna for Road and Bridge, Sudan

Projects:

- Roads, & Bridges Projects.
- Construction Projects.
- Center pivot Irrigation Projects.
- Agricultural Land Surveying Projects.
- Water and Sewer Projects.

Functional Tasks

- Establish property lines and boundaries for legal compliance.
- Collect topographic data for planning and design.
- Set and maintain reference points for mapping and construction.
- Gather field data using tools like total stations and GPS.
- Analyze and process data with software (AutoCAD, GIS, Civil 3D).
- Prepare detailed survey reports and documentation.
- Develop tailored surveying plans and strategies.
- Oversee and coordinate surveying teams for efficient workflows.
- Manage project budgets and resources for cost-effectiveness.
- Maintain, calibrate, and update surveying equipment.
- Resolve technical issues with surveying instruments and software.

PERSONAL DETAILS

Riyadh, Saudi Arabia

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PROFESSIONAL SKILLS

Surveying Equipment Usage
Surveying Software
Geographical Data Analysis
Field Data Collection
Data Processing
Report Preparation
Project Management
Project Planning
Team Coordination
Budget Management
Equipment Maintenance
Technical Troubleshooting
Regulatory Compliance
Quality Assurance
Stakeholder Interaction
Effective Communication
Activity Documentation
Construction Surveys
Geospatial Analysis

Soft Skills

AutoCAD

GIS

Civil 3D

Microsoft office programs

- Implement quality control for accurate and reliable survey data.
- Communicate with clients, engineers, and stakeholders for updates.
- Maintain detailed records of survey activities and outcomes.
- Perform construction surveys for staking, alignment, and monitoring.
- Conduct geospatial analysis for urban planning and infrastructure development

LANGUAGES

Arabic

native language

English

Intermediate: speaking, reading

Intermediate: writing

Practical Skills

- Proficient in using Total Station, GPS, and laser devices.
- Skilled in AutoCAD, Civil 3D, and GIS software.
- Able to analyze and interpret geographical and spatial data.
- Conducts accurate topographical, construction, and boundary surveys.
- Calibrates and maintains surveying equipment for precision.
- Creates topographic and digital maps.
- Manages surveying projects from initiation to completion.
- Implements quality assurance to review survey data.
- Communicates effectively with clients to gather requirements and provide updates.
- Collaborates with teams including engineers and urban planners.

Education

- Diploma in Surveying Engineering ,2015, Sudan university of science and technology

Certifications & Courses

- EFFECTIVE MANGAEMENT LEADERSHIP ,2020, ZADNA INT.CO FOR INVESTMENT TRAINIG DEPARTMENT.
- DEVELOPMENT OF MANGEMENT SKILLS ,2016, Training

Center.

- MODREN COMPANIES and PROJECT MANAGEMENT ,2015 FEDERALISM RESERCH & CAPACITY BUILDING CENTER