

**INVESTMENT
DIVISION**



**COMPANY
PROFILE**



**CONTRACTING
DIVISION**

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ABOUT US

Since 2017, we have been strongly committed to providing our customers with the highest level of service in the building and construction markets. Building and maintaining relationships with our customers is at the heart of our business and we have a planning and management style that is consultative and systematic.

We believe in a proactive approach to all aspects of our business, but in particular to quality, safety, and delivery. By getting this right, we give our customers confidence and peace of mind during the process of planning, design, and construction. The hands-on responsibilities and team approach of company directors Prasanth Mecheri and Abdullah Said Muhammad Al Aamri underpin our organization with a powerful and proven synergy.

We employ the best and most experienced construction team which enables us to maintain high standards of quality, safety, and timely delivery of projects. To support this workforce, we have a good team of Construction Management Professionals like Quantity surveyors, Planning Engineers, Project Managers, Site Engineers, Surveyors, and dedicated full-time health & safety professionals, having affluent experience in this field.

KEY STRENGTH

- Diverse activities and depth of experience.
- Proven planning and construction management skills.
- Reliable highly skilled workforce.
- Ability to work in operational environments.
- A culture of quality, safety, delivery, and integrity.



WHY ADWAA DALKUT?

ADWAA DALKUT is proud to have established a reputation for exclusive Infrastructure, buildings, MEP Works, Road & culvert work of exceptional quality and value and to have a long list of satisfied customers who are delighted to recommend our services. If you are looking for a team of highly motivated and experienced professionals in the civil contracting field, you have to look no further. We are extremely confident that everything we do is based on modern and current market standards. Our engineers, Quality Assurance Professionals, and Site supervisors, all have had experience in the Sultanate of Oman, being part of many diverse and complex construction projects.

Equipped with market information and today's pricing, you can be assured of a competitive and technically compliant proposal every time you seek to employ our services. On-time performance is another indispensable criterion for ADWAA DALKUT. We define our work and who we are by the principles we hold dear to ourselves. This is one of the many core values we will strive to exhibit on every occasion to give our clients the confidence and assurance that they are dealing with a contractor of excellence and superior standards.



COMPANY STRUCTURE



BOARD OF DIRECTORS

Managing Directors: Mr. Prasanth Mecheri

Board of Director: Mr. Abdulla Said Muhammad Al Aamri

COMPANY NAME

Adwaa Dalkut United L.L.C.

TYPE OF OWNERSHIP

The Limited Liability
Company L.L.C

COMMERCIAL REGISTRATION NUMBER

1357874

YEAR OF ESTABLISHMENT

2019

BUSINESS ADDRESS

Al Hasayah Street
Salalah, Ar Rubat

CONTACT DETAILS

Telephone: +968-23361179

TELEX / FAX: +968-23361179

Email Address: adwaadalkoot@gmail.com

Web Address: www.adwaadalkut.com

EXECUTIVE MANAGEMENT

Key Contact Person: Mr. Prasanth Mecheri

Designation: Managing Director (MD)

Telephone: +968-92212412

Email Address: prasanth@adwaadalkut.com



OBJECTIVES

OUR VISION

- **To Perform for our customers the highest level of quality construction services at fair and market competitive prices.**
- **To reform the landscape of our civilization towards a more advanced and innovative phase.**
- **To maintain the highest levels of professionalism, integrity, honesty, and fairness in our relationships with our suppliers, subcontractors, professional associates, and customers.**

OUR MISSION

Our mission is to create and maintain an organization of highly skilled construction professionals that serve our Client's needs with honesty and integrity. To provide an environment that promotes personal growth and self-pride. Ultimately to differentiate ourselves as the builder of choice to those seeking quality, personal service, and value. Ultimately our vision is to follow the standards of civil engineering while finding ways to transcend and innovate them.



TECHNICAL & QUALITY

Consisting of the best professionals and the Quality Control Measures, we assure that each of our construction projects upholds the standards of Engineering

SAFETY HEALTH & ENVIRONMENT

Our Safety Health & Environment Department do not let to harm the health of environment as well as the People.

HUMAN RESOURCE

Our Human Resource Department is responsible for Recruiting, Training, Assessment, and ensuring the well-being of the employees in our work atmosphere.

QUALITY POLICY

The Directors, Management, and personnel of our company are committed to providing high-quality service in the area of Quality Management by continuous improvement of client service, human resource management, and company operations. Our prime focus lies in recognition, understanding, and evaluation of client requirements, and putting consistent efforts to improve client satisfaction that in turn reveals the company's prime objective.

Human Resource Management is based on the principles of close training and supervision, excellence in communication skills for all personnel, and ensuring the achievement of the highest level of customer satisfaction. As a part of a commitment by the top management, we aim to develop and train employees so that they can contribute to the continual improvement of compliance and exceed our primary objectives. The top management shall provide adequate resources and training required for consistent improvement and effectiveness of the quality management system. Quality objectives are necessary to assist the continual improvement of the Quality Management System that shall be set and monitored on behalf of any part of management review meetings held periodically. The company's commitment to meeting and exceeding these requirements and the importance of meeting statutory and regulatory requirements secure a prosperous future and set a unique standard for others to follow. When top management enforces a decision that is expected to affect the local community they will take into consideration the views of interested parties and companies expected to be involved. In fulfillment of the above Quality policies, the top management recognizes the importance of suppliers and will work with them to improve the quality of their services to all parties involved. The success of facts within this quality policy will be monitored, controlled, and improved through the elements of the Quality Management system from grass root levels and reviewed at regular Management review programs. Each employee shall be made aware of the importance and contents of this quality policy and shall be encouraged to contribute to the success of the quality management system. We shall work to the best of what we do, in every phase of our business at all levels.



CERTIFICATES



Certificate of Registration 

This is to certify that the Environmental Management System of

ADWAA DAKUT UNITED L.L.C

Postal code: 216, Al Husayah Street, Salalah Ar Rubat, Dhofar Governorate, Sultanate of Oman.

is in accordance with the requirements of the following standard

ISO 14001:2015
(Environmental Management System)

SCOPE

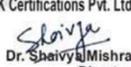
Providing Civil, Mechanical, Electrical, Plumbing Work
(IAF Code: 28)

Certificate Number : SCK/02/ADU/25/96/2962

Initial Registration Date : 23-Apr-2025
1st Surveillance Date : 23-Mar-2026
2nd Surveillance Date : 23-Mar-2027
Certificate Expiry Date : 22-Apr-2028

To verify certificate, visit at :
www.sckcerts.com
www.iafcertsearch.org
www.uafaccreditation.org

Issued by SCK Certifications Pvt. Ltd.


Dr. Shevika Mishra
Director

Accreditation Board : 400, North Center Dr, STE 202, Norfolk, VA 23502, United States of America

This certificate remains the property of SCK and must be returned to SCK on Cancellation or Suspension of the certificate. Validity of the certificate is subject to successful completion of surveillance audits. Further clarification regarding the scope of this certificate and the applicability of standard may be obtained by consulting the Organisation on info@sckcerts.com

Certificate of Registration 

This is to certify that the Quality Management System of

ADWAA DAKUT UNITED L.L.C

Postal code: 216, Al Husayah Street, Salalah Ar Rubat, Dhofar Governorate, Sultanate of Oman.

is in accordance with the requirements of the following standard

ISO 9001:2015
(Quality Management System)

SCOPE

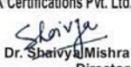
Providing Civil, Mechanical, Electrical, Plumbing Work
(IAF Code: 28)

Certificate Number : SCK/01/ADU/25/96/2961

Initial Registration Date : 23-Apr-2025
1st Surveillance Date : 23-Mar-2026
2nd Surveillance Date : 23-Mar-2027
Certificate Expiry Date : 22-Apr-2028

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Certificate of Registration 

This is to certify that the Occupational Health & Safety Management System of

ADWAA DAKUT UNITED L.L.C

Postal code: 216, Al Husayah Street, Salalah Ar Rubat, Dhofar Governorate, Sultanate of Oman.

is in accordance with the requirements of the following standard

ISO 45001:2018
(Occupational Health & Safety Management System)

SCOPE

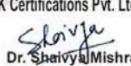
Providing Civil, Mechanical, Electrical, Plumbing Work
(IAF Code: 28)

Certificate Number : SCK/03/ADU/25/96/2963

Initial Registration Date : 23-Apr-2025
1st Surveillance Date : 23-Mar-2026
2nd Surveillance Date : 23-Mar-2027
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APPROVAL



Raysut
Industrial
Estate



منطقة
ريسوت
الصناعية

تاريخ التسجيل: 23/02/2025

تاريخ الانتهاء: 22/02/2026

س.ت (1357874)

شهادة مزاولة أعمال

تشهد إدارة مدينة ريسوت الصناعية بأن / اضاء ضلكوت المتحدة
مقره/مقرها الرئيسي في محافظة مسقط / بوشر والمسجلة بمجلس المناقصات بالدرجة الأولى قد تم تسجيله / تسجيلها
بالمنطقة تحت الرقم (78/2025) وفقا لنظام وقوانين المؤسسة العامة للمناطق الصناعية(مدائن) لمزاولة النشاط المذكورة أدناه
بالمنطقة بعد الحصول على التصريح اللازم لممارسة هذا النشاط من المنطقة :-

1- مقاولات البناء والتشييد (إنشاءات عامة للمباني السكنية والغير سكنية) (410001)

صاحب المنشأة: PRASANTH MECHERI

مدائن
مدير دائرة العمليات



madayn.om

المؤسسة العامة للمناطق الصناعية - مدائن
Public Establishment for Industrial Estates - Madayn

HSE POLICY



At Adwaa Dalkut, a leading construction, fabrication, and maintenance service provider, HSE (Health, Safety & Environment) is an integral part of our business and we shall be committed to the following:

- Provide safe & healthy working conditions to prevent harm, ill-health, or injury to our employees and for those who are affected by our business operations.**
- Prevention of pollution, optimization of resource use, and protection of the environment.**
- Compliance with all applicable legal and other requirements.**
- HSE risk management of work and changes during its execution to eliminate the hazard or reduce risks to a level that is as low as reasonably practicable.**
- Provision of competent manpower and adequate resources.**
- Worker participation and consultation on all issues affecting their health & safety in the workplace.**
- Empowerment of our employees to positively intervene and to stop unsafe acts/conditions or non-compliance to standards.**
- Continual improvement in managing HSE and HSE performance.**

To fulfill these commitments, we have established a comprehensive HSE Management System in which HSE performance is everybody's responsibility and line management accountability.

We shall ensure that this HSE policy is communicated to all our employees and other parties affected by our business activities.

HSE POLICY



ADWAA DALKUT UNITED L.L.C

HSE POLICY STATEMENT

Our policy is for each and every one of us to pay necessary attention to the demands of Health, Safety and Environmental protection stipulated in several acts, regulations and provisions in general as well as to any contractual requirements.

For the management of safety and environmental matters at the company's projects, a Health, Safety, and Environment Management system has been developed, aiming at the following:

- The identification, assessment, and control of hazards within the framework of the company.
- The identification, codification, assessment and compliance with all safety and environmental requirements.
- The development of a safety and environmental organization by designating of tasks and duties at all management levels of the company.
- Providing adequate training to all personnel proposed to be deployed by the organization.
- Carrying out constant monitoring on safety and environmental aspects at the project site and assessing them through effective procedures.
- Ensuring effective provision for safety and environmental protection in the company's operations at all levels.
- Availing and ensuring benefits resulting from the role of competent authorities.
- Ensuring prevention of accidents and environmental mishaps within and outside reasonable project limits based on prevailing international safety standards.
- Ensuring the achievement of Zero Accidents/LTI on all involved projects.

Safety at the worksite is an integrated part of all corporate activities and the overall responsibility of the organization.

The ultimate goal is the performance of all works according to the quality requirements and safety standards without the risk of accidents, injuries or damage to employees' 'health or the environment'.

The achievement and consolidation of this aspect requires information on know-how, capacities, comprehension and thoughtfulness from all employees at all levels.

The Management shall provide for the necessary training and practice for all the personnel, to ensure

- Professional competence and qualifications
- Responsibility for safety and environmental issues
- Willing participation in the efforts made to minimize unsafe/risky conditions.

Every person involved in the company's project should, through their actions and assisted by the established organization of occupational safety, Contribute to the improvement of their working environment and safety in general.

Ensuring this improvement, in the most effective way, includes joint liability of the management and the executives of the organization, so as to create a healthy and positive working environment that will offer job satisfaction to all the interested parties.



MANAGING DIRECTOR
Prasanth Mecheri

+968 23361179
+968 92212412

adwaadalkoot@gmail.com

23rd July Street, Opp. Bank Muscat, Salalah.
Post Box 462, Postal Code 217,
Sultanate of Oman

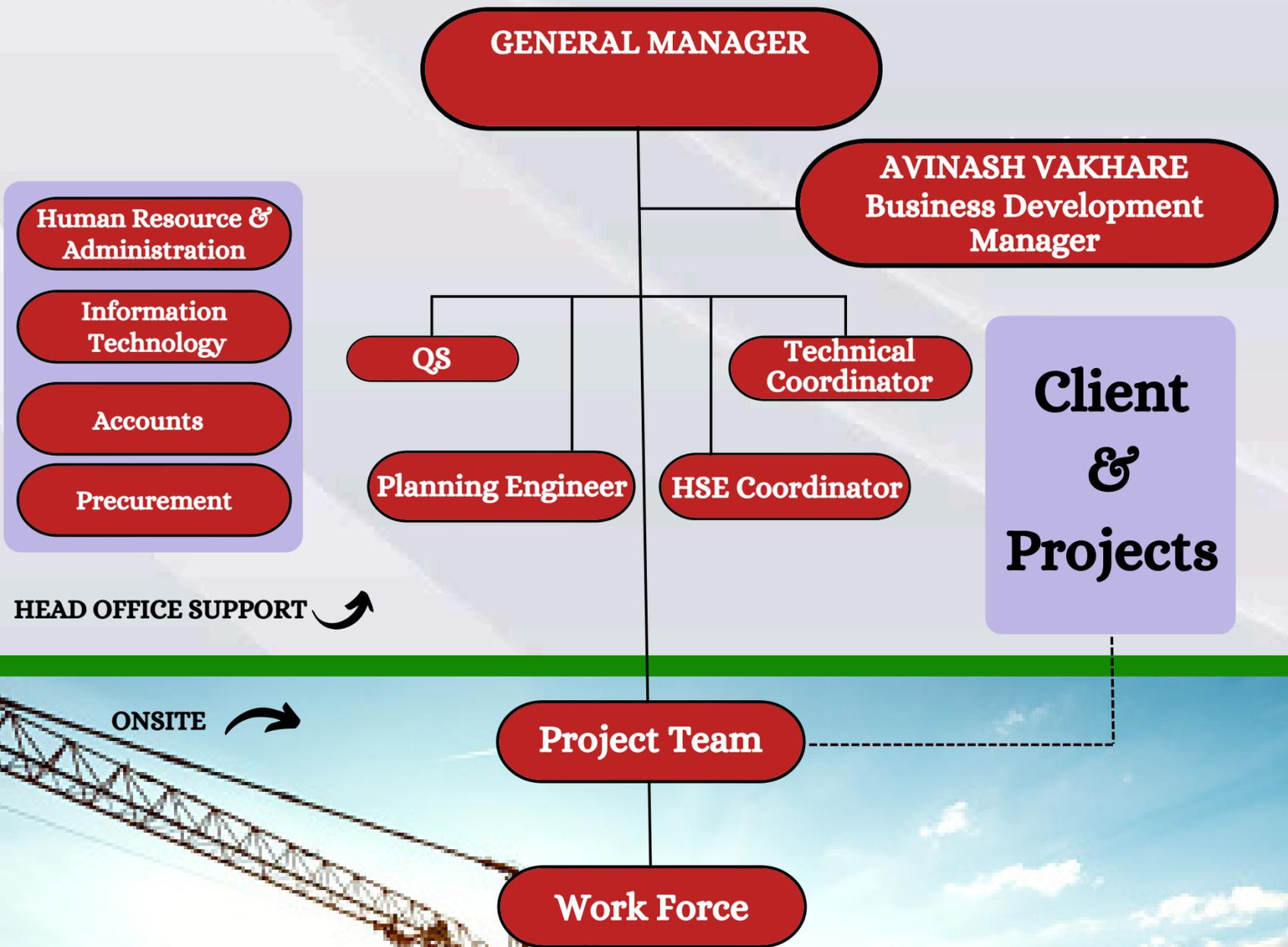
ORGANIZATION CHART



ADWAA DALKUT KEY MANAGEMENT PERSONNEL



COMMON SUPPORT



DIVISIONS

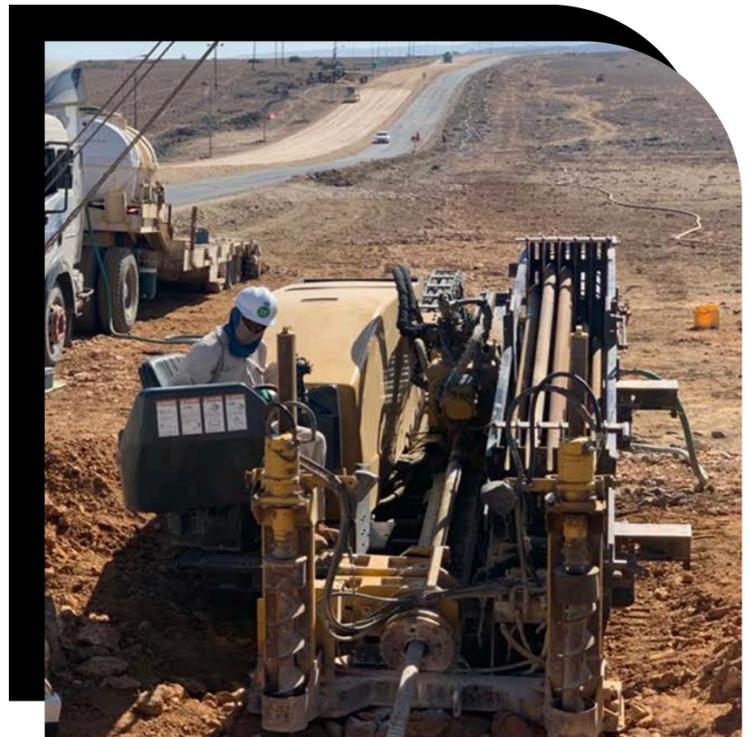


1

Construction

2

**Horizontal Directional
Drilling**



3

Surveying



CORE SERVICES



CONSTRUCTION

➤ ***Building Work – Industrial, Residential, Commercial and Recreational, etc.***

We build residential/Commercial/Industrial structures that bring comfort and tranquility to our clients.

➤ ***Road, Culvert & Bridge Construction***

Our main clients for this service are government bodies that aim to improve the quality of roads. Since part of our vision is to change the landscape of our civilization towards progression, we will always be honored to offer our Road Construction services.

Horizontal Directional Drilling

Horizontal Directional Drilling (HDD), is a minimal impact trenchless method of installing underground utilities such as pipes, Conduits, or cables in a relatively shallow arc or radius along a prescribed underground path using a surface-launched drilling rig. Directional boring offers significant environmental advantages over traditional cut-and-cover pipeline/utility installations. The technique is routinely used when conventional trenching or excavation is not practical or when the minimal surface disturbance is required.

SURVEYING

➤ ***Specialized Land Surveying***

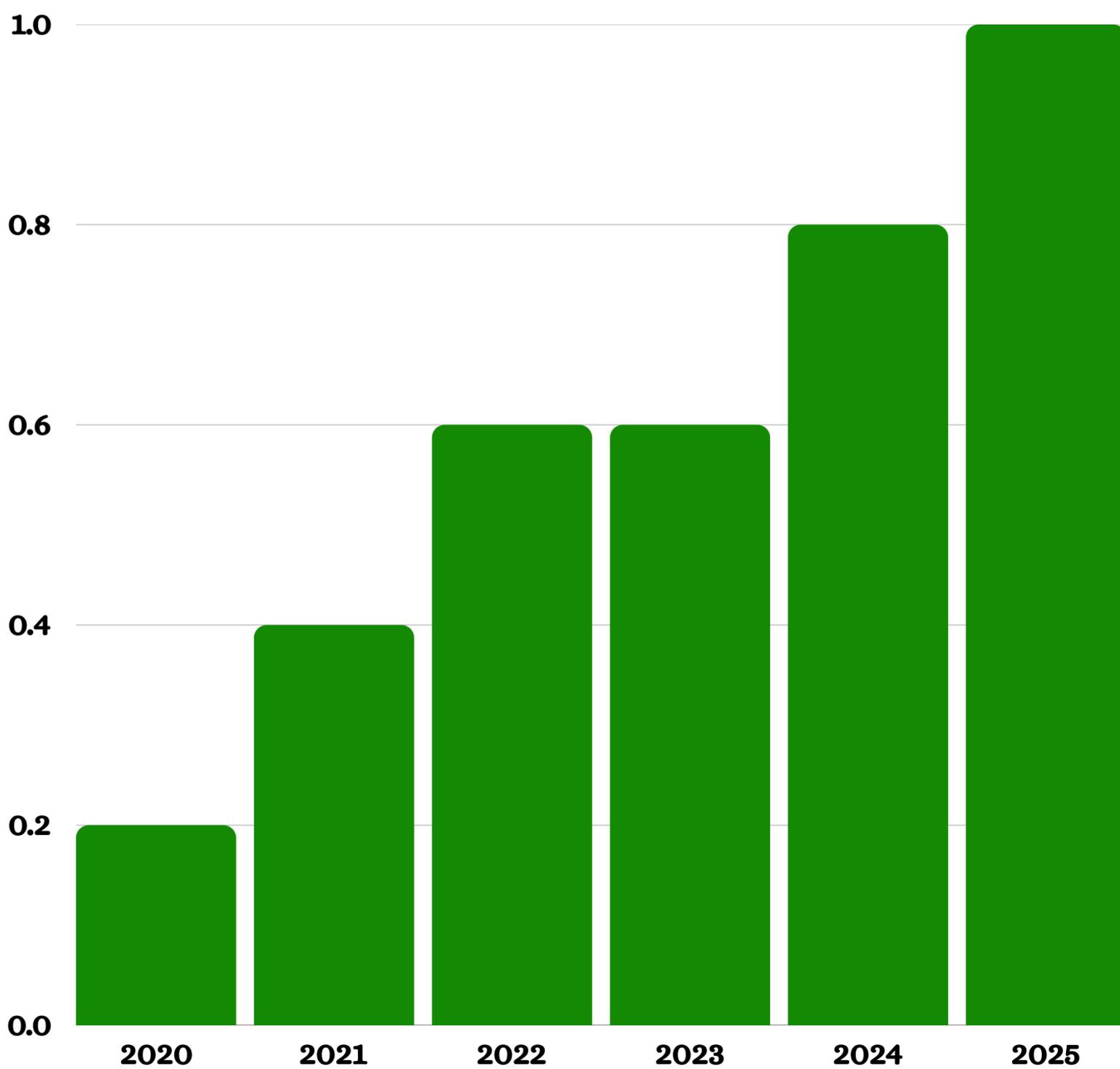
Land surveying is the art and science of establishing or reestablishing corners, lines, boundaries, and monuments of real property (land) based upon recorded documents, historical evidence, and present standards of practice.

We do land surveying works with highly skilled technical professionals and equipment.



OUR GROWTH & ANNUAL TURNOVER

TURN OVER (IN MILLION OMR)



LIST OF RESOURCES



- **Technical staff - 20 No:s**
- **Mid Level Staff - 30 No:s**
- **Skilled/Semiskilled/Unskilled Labours - 200 No:s**



VEHICLES



- **Three Ton Pickup - 2 No:s**
- **Double Cabin Pickup - 3 No:s**
- **Tipper Truck - 2 No:s**
- **Mini Bus - 1 No:s**
- **Other Vehicles - 10 No:s**

- **Excavator - 2 No:s**
- **Wheel Excavator - 2 No:s**
- **Black Hoe - 2 No:s**
- **Shuttering Materials Including Scaffoldings - 1500 Sqm**
- **Store Capacity - 2500 Sqm**



PLANT & STORE





CONSTRUCTION

ROADS & BUILDINGS

ONGOING PROJECT: Constructing Of The Canteen Building at Salalah, Raysut



Work value: 489,000.000
Client: Oman Pharmaceutical Co. L.L.C
Contractor : Adwaa Dalkut United L.L.C

ONGOING PROJECT: Constructing Of The Canteen Building at Salalah, Raysut



Work value: 489,000.000

Client: Oman Pharmaceutical Co. L.L.C

Contractor : Adwaa Dalkut United L.L.C

ONGOING PROJECT: Constructing Of The Store Warehouse at Salalah, Raysut



REDMI NOTE 11 PRO



REDMI NOTE 11 PRO



REDMI NOTE 11 PRO

Work value: 130,000.000
Client: Oman Pharmaceutical Co. L.L.C
Contractor : Adwaa Dalkut United L.L.C

WAREHOUSE



COMPLETED PROJECT: Construction Of Dhofar Municipality Building (Balance Civil and MEP work) Partially Completed



Work value: 4.5 Million
Client: Dhofar Municipality
Sub Contractor : Adwaa Dalkut United L.L.C

COMPLETED PROJECT: Access Road and Side Protection at Majan Mining



Asphalt Work



ABC preparations



Side Protection



Field Density Test



Work value : 0.13 Million
Client: Majan Mining
Contractor : Adwaa Dalkut United Est. L.L.C

**COMPLETED PROJECT:
Villa Project at North
Sahalnoot & North
Madinat Al Haqq**



**Work value : 0.225 Million
Client: Mr. Sultan Bin Ali Bin Ahmed Al Hadhri
Contractor : Adwaa Dalkut United L.L.C**

**COMPLETED PROJECT:
Maintenance of Damaged
Asphalt Roads in
(Governorate of Dhofar)
Due to Luban Cyclone –
Main Sub contractor**



Slope protection Foundation work



Foundation Steel Work



Concrete protection



Rip Rap protection work

**Work value : 0.415 Million
Client: Ministry of Transport, Communications,
Sub Contractor : Adwaa Dalkut United L.L.C**

**COMPLETED PROJECT:
Villa Work at Awqad**



**Work value : 0.26 Million
Client : Abdullah Al Aamri
Contractor : Adwaa Dalkut United L.L.C**

COMPLETED PROJECT: Construction of Grade Separated Intersection at Salalah



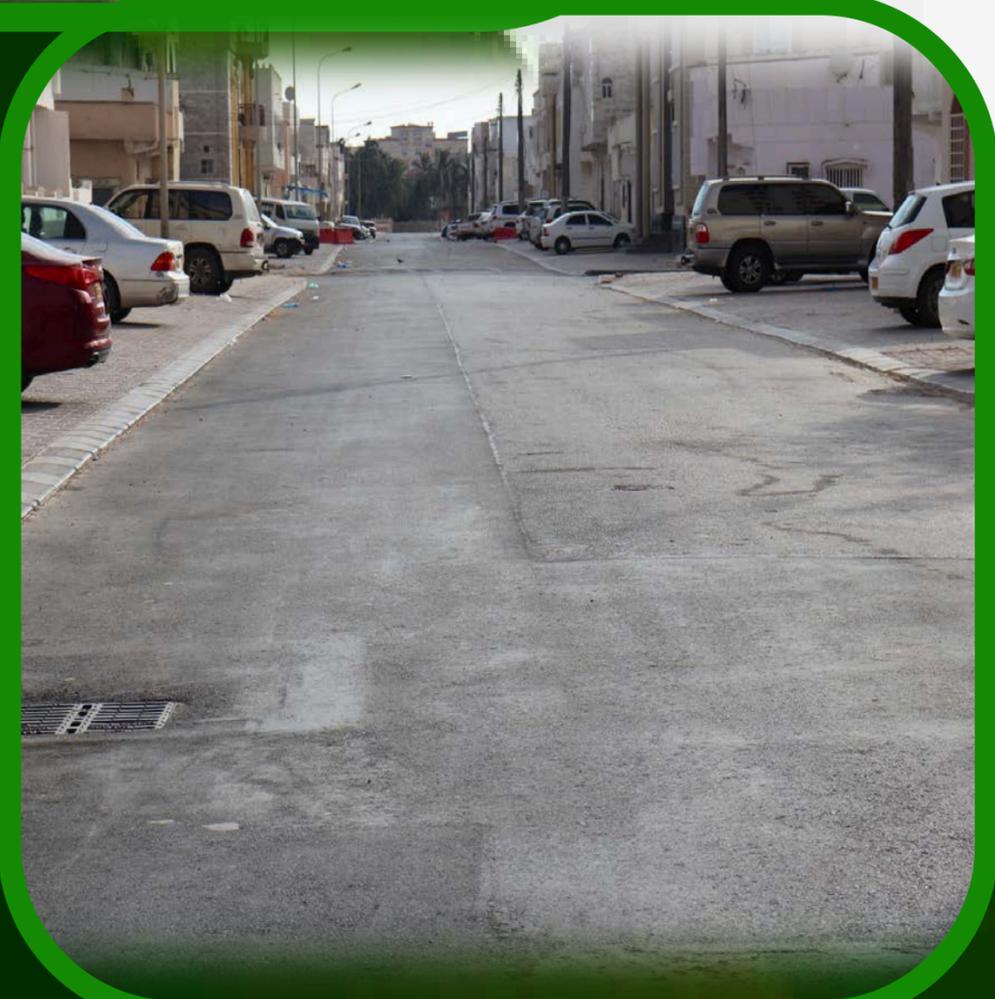
Client: Dhofar Municipality

Consultant: IBN Khaldun Al Madaen Engineering Consultants

Scope: Gantry & Cantilever

Contractor : Adwaa Dalkut United L.L.C

**COMPLETED PROJECT:
Construction of Grade
Separated Intersection
at Salalah**



Client: Dhofar Municipality
Consultant: IBN Khaldun Al Madaen Engineering Consultants
Scope: Storm Water Drainage
Contractor : Adwaa Dalkut United L.L.C

COMPLETED PROJECT: Construction of Grade Separated Intersection at Salalah



Client: Dhofar Municipality

Consultant: IBN Khaldun Al Madaen Engineering Consultants

Scope: Slope protection Foundation work

Contractor : Adwaa Dalkut United L.L.C

**COMPLETED PROJECT:
Access road At Majan
Mining – Road Location 1**



Client: Majan Mining

Scope: Design and Construction of Box Culvert and Access Road

Contractor : Adwaa Dalkut United L.L.C

**COMPLETED PROJECT:
Access road At Majan
Mining – Road Location 2**



Client: Majan Mining
Scope: Design and Construction of Box Culvert and Access Road
Contractor : Adwaa Dalkut United L.L.C

**COMPLETED PROJECT:
Access road At Majan
Mining – Road Location 3**



Client : Majan Mining
Scope: Design and Construction of Box Culvert and Access Road
Contractor : Adwaa Dalkut United L.L.C

**COMPLETED PROJECT:
Construction of office
and store building for
Majan mining**



Client : Majan Mining
Scope: Design and Construction of Office and Store Building
Contractor : Adwaa Dalkut United L.L.C

**COMPLETED PROJECT:
Al Baleed Resort-
Kid's Club Project**



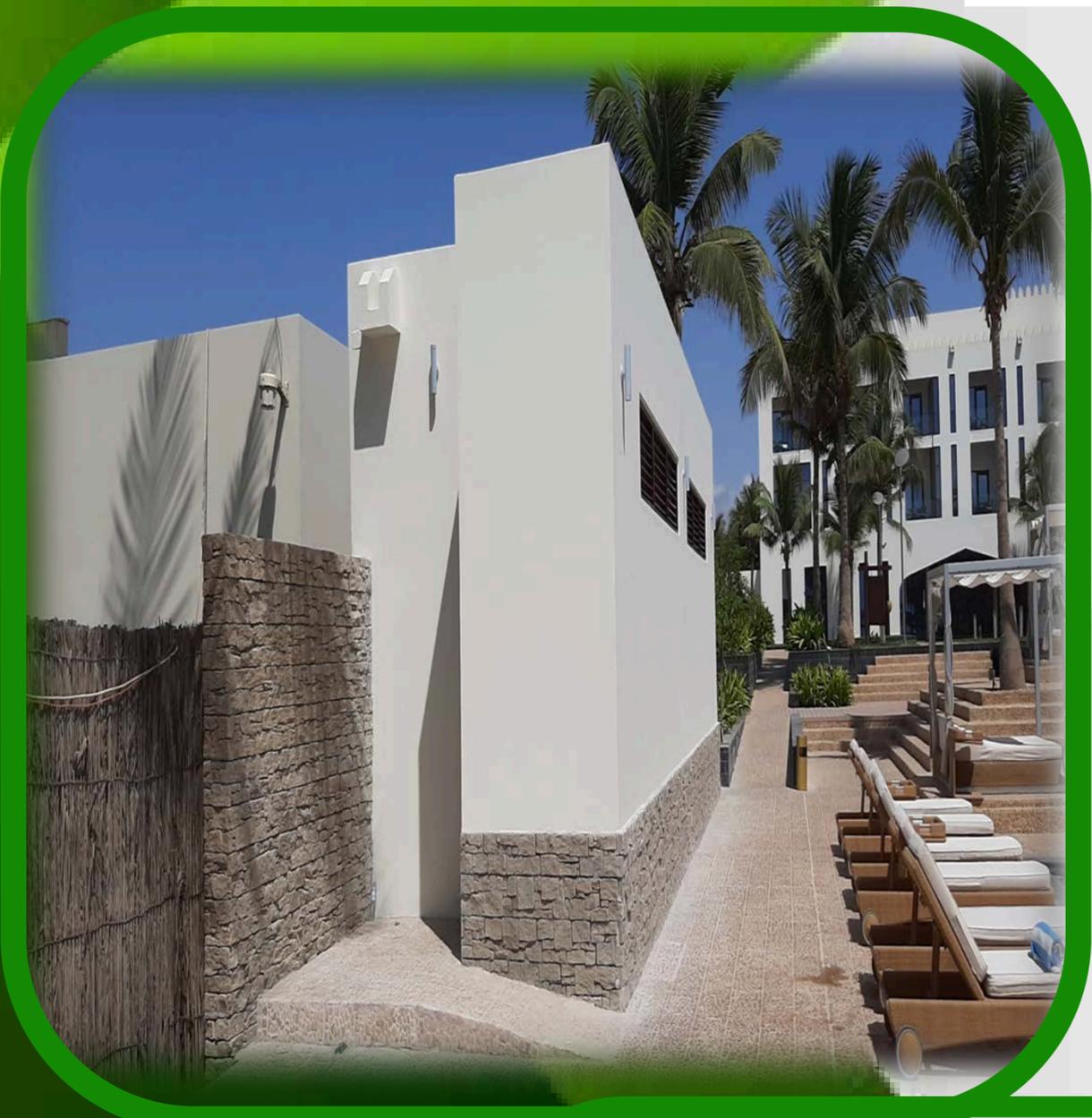
**Client : Al Baleed Resort By Anantara
Contractor : Adwaa Dalkut United L.L.C**

**COMPLETED PROJECT:
Al Baleed Resort- Al
Mina Café Extension
Work**



**Client : Al Baleed Resort By Anantara
Contractor : Adwaa Dalkut United L.L.C**

**COMPLETED PROJECT:
Al Baleed Resort-
Changing Room &
Toilet Block**



**Client : Al Baleed Resort By Anantara
Contractor : Adwaa Dalkut United L.L.C**

**COMPLETED PROJECT:
Rehabilitation of Sultan
Qaboos Asphalt Road
From Hilton r/a to
Raysut r/a**



**Client: Dhofar Municipality
Contractor : Oman Building & Cont.Co.L.L.C
Sub Contractor : Adwaa Dalkut United L.L.C**

COMPLETED PROJECT: Slope Protection Works at Ayn Shahalnoot



Client: Dhofar Municipality
Contractor : Adwaa Dalkut United L.L.C

**COMPLETED PROJECT:
Washout Repair
Works at Wadi Sumir**



**Client: Dhofar Municipality
Contractor : Adwaa Dalkut United L.L.C**

**COMPLETED PROJECT:
Road Works at Taqah
Jibjat**



**Client : Dhofar Municipality
Contractor : Adwaa Dalkut United L.L.C**



2

THRUST BORING

**INSTALLATION OF PIPES
AND CONDUITS**

THRUST BORING

Adwaa Dalkut is having thrust boring system having experience and trained personnel to do the job. The team helps us to do the pipeline works in areas where there is a risk of ground collapse during the installation of pipes.



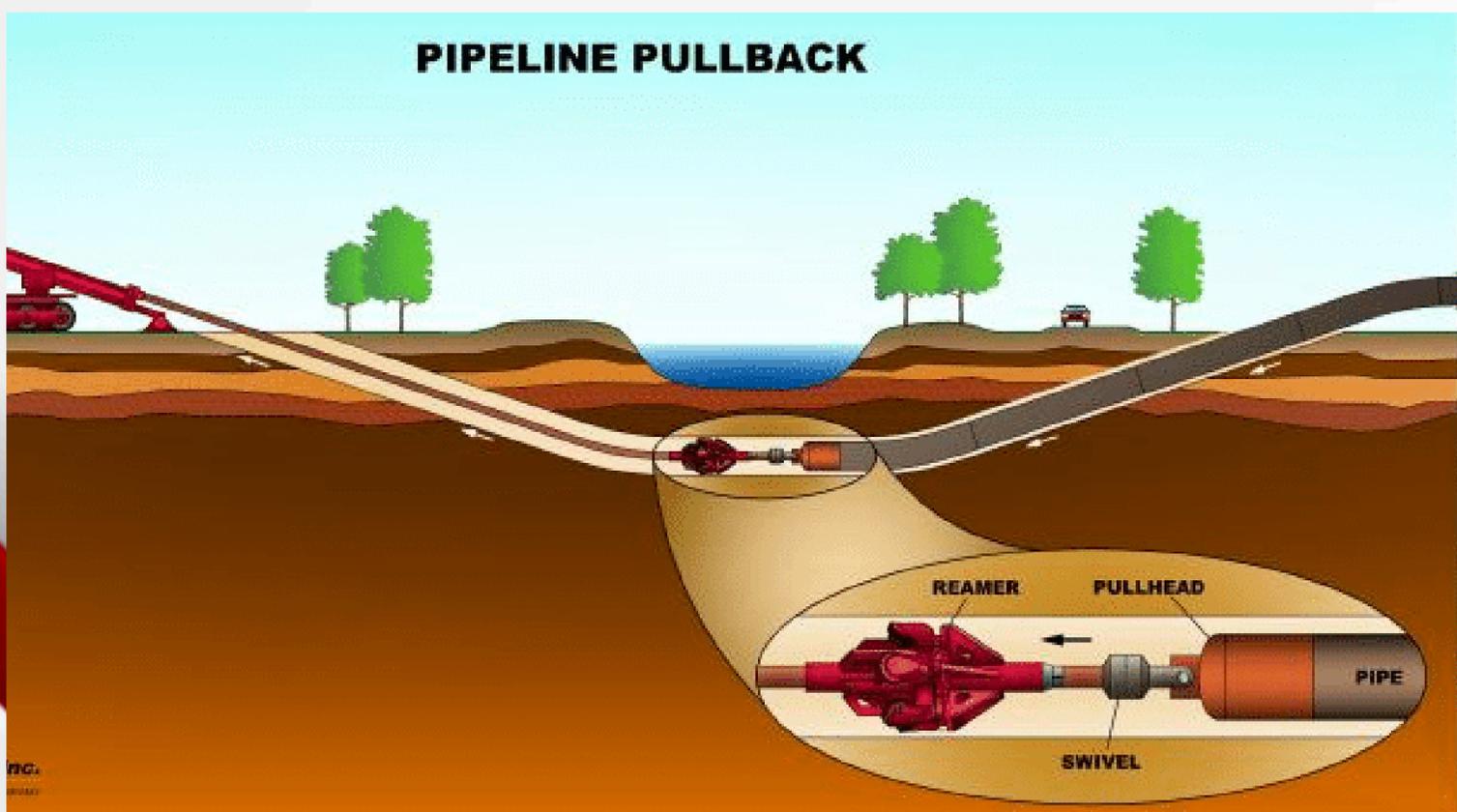
Since Thrust Boring can be used with a variety of ground conditions from hard rock to wet soil and sand, this jacking and drilling technique is one of the most dependable and economical. Using an auger with a cutting head equipped within the steel casing, this is attached to the front of the Thrust Bore machine in the entry pit. Thrust Boring allows pipes to be laid easily with finite accuracy over many other methods while evading disruption to traffic and the public.



TRENCHLESS TECHNOLOGY



Trenchless technology is a form of underground construction that requires the use of few or no trenches at the surface of street level. Trenchless Technology uses new techniques and equipment to install or replace underground infrastructure without causing disturbance to the ground above. Its goal is to avoid interfering with surface-level activities including traffic, business, residential areas, or people.



HORIZONTAL DIRECTIONAL DRILLING PROCESS

The tools and techniques used in the HDD process are an outgrowth of the oil well drilling industry. The components of a horizontal drilling rig used for pipeline construction are similar to those of an oil well drilling rig with the major exception being that a horizontal drilling rig is equipped with an inclined ramp as opposed to a vertical mast. HDD Pilot hole operations are not unlike those involved in drilling a directional oil well. Drill pipe and downhole tools are generally interchangeable and drilling fluid is used throughout the operation to transport drilled spoil, reduce friction, stabilize the hole, etc. Because of these similarities, the process is generally referred to as drilling as opposed to boring. Installation of a pipeline takes place in three stages. The first stage consists of directionally drilling a small diameter pilot hole along a designed directional path. The second stage involves enlarging this pilot hole to a diameter suitable for the installation of the pipeline. The third stage consists of pulling the pipeline back into the enlarged hole.

DOWN HOLE SURVEYING



The actual path of pilot hole is monitored during drilling by taking periodic readings of the inclination and azimuth of the leading edge.

Readings are taken with an instrument commonly referred to as a probe, inserted in a drill collar as close as possible to the drill bit.

Transmission of downhole probe survey readings to the surface is generally accomplished through a wire running inside the drill string. These readings in conjunction with measurements of the distance drilled since the last survey are used to calculate the horizontal and vertical coordinates along the pilot hole relative to the initial entry point on the surface.

Azimuth readings are taken from the earth's magnetic field and are subject to interference from downhole tools, drill pipes, and magnetic fields created by adjacent structures. Therefore, the probe must be inserted in a nonmagnetic collar and positioned in the string so that it is adequately isolated from downhole tools and drill pipe. The combination of bit, mud motor(if used), subs, survey probe, and non-magnetic collars is referred to as the Bottom Hole Assembly or BHA.

The pilot hole path may also be tracked using a surface monitoring system. Surface monitoring systems determine the location of the probe downhole by taking measurements from a grid or point on the surface. An example of this is the TruTracker system. This system uses a surface coil of a known location to induce a magnetic field. The probe senses its location relative to this induced magnetic field and communicates this information to the surface.

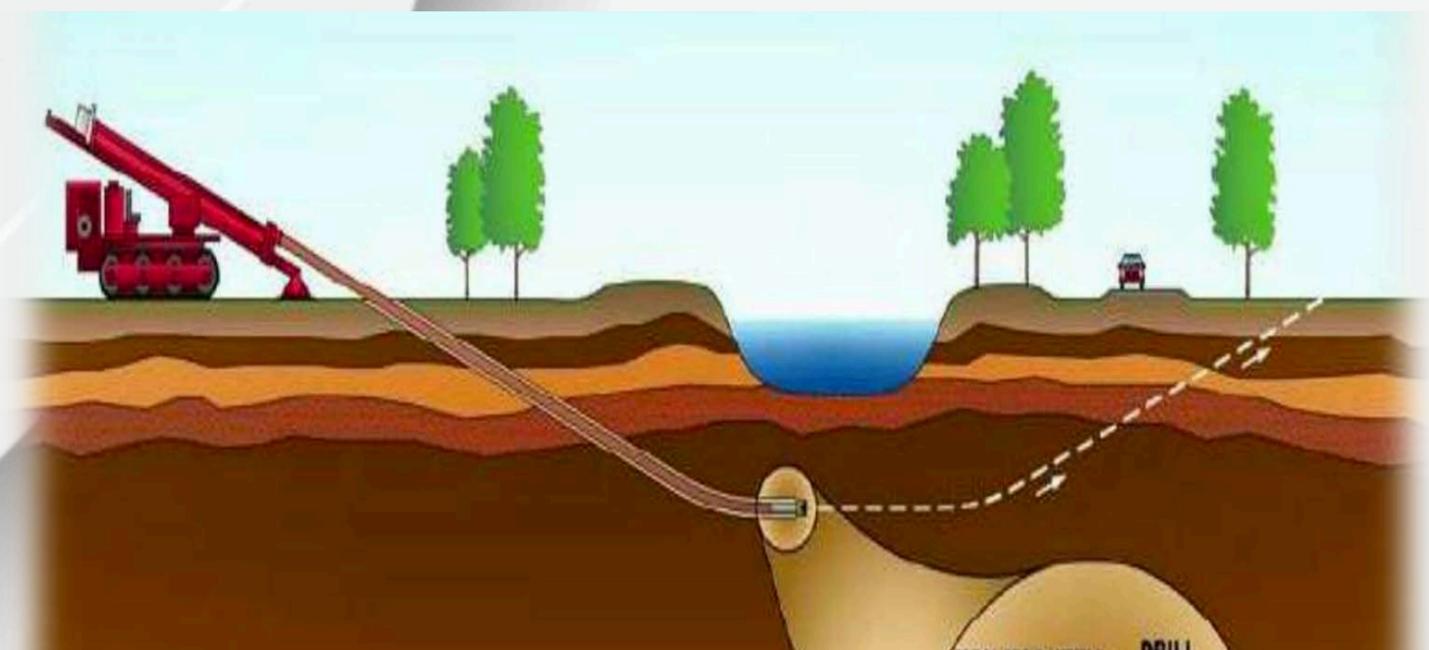


PILOT HOLE DIRECTIONAL DRILLING



Pilot hole directional control is achieved by using a non-rotating drill string with an asymmetrical leading edge. The asymmetry of the leading edge creates a steering bias while the non-rotating aspect of the drill string allows the steering bias to be held in a specific position while drilling.

If a change in drilling is required, the drill string is rolled so that the direction of bias is the same as the desired change in direction. The direction of bias is referred to as the tool face. Straight progress may be achieved by drilling with a series of offsetting tool face positions. The drill string may also be continually rotated where directional control is not required. Leading edge asymmetry can be accomplished by several methods. Typically the leading edge will have an angular offset created by a bent sub or bent motor housing. It is common in soft soils to achieve drilling progress by hydraulic cutting with a jet nozzle. In this case, the direction of flow from the nozzle can be offset from the central axis of the drill string thereby creating a steering bias. This may be accomplished by blocking selected nozzles on a standard roller cone bit or by custom fabricating a jet deflection bit. If hard spots are encountered, the drill string may be rotated to drill without directional control until the hard spot has been penetrated.



REAMING AND PULL BACK

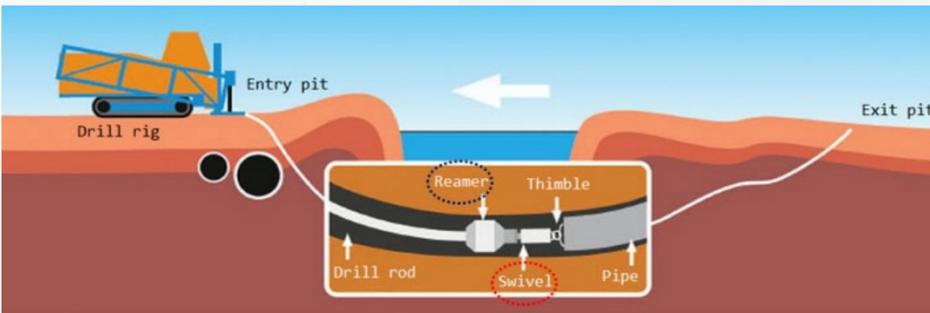


Enlarging the pilot hole is accomplished using either pre-reaming passes before pipe installation or simultaneously during pipe installation.

Reaming tools typically consist of a circular array of cutters and drilling fluid jets and are often custom-made by contractors for particular hole sizes or types of soil.

► PRE REAMING

For a pre-reaming pass, reamers attached to the drill string at the exit point are rotated and drawn to the drilling rig thus enlarging the pilot hole. Drill pipe is added behind the reamers as they progress towards the drill rig. This insures that a string of pipe is always maintained in the drilled hole. It is also possible to ream away from the drill rig. In this case, reamers fitted into the drill string at the rig are rotated and thrust away from it.



► PULL BACK

Pipe installation is accomplished by attaching the prefabricated pipeline pull section behind a reaming assembly at the exit point and pulling the reaming assembly and pull section back to the drilling rig. This is undertaken after the completion of pre-reaming or, for smaller diameter lines in soft soils, directly after the completion of the pilot hole. A swivel is utilized to connect the pull section to the leading reaming assembly to minimize torsion transmitted to the pipe. The pull section is supported using some combination of roller stands, pipe handling equipment, or a flotation ditch to minimize tension and prevent damage to the pipe.





3

SURVEYING

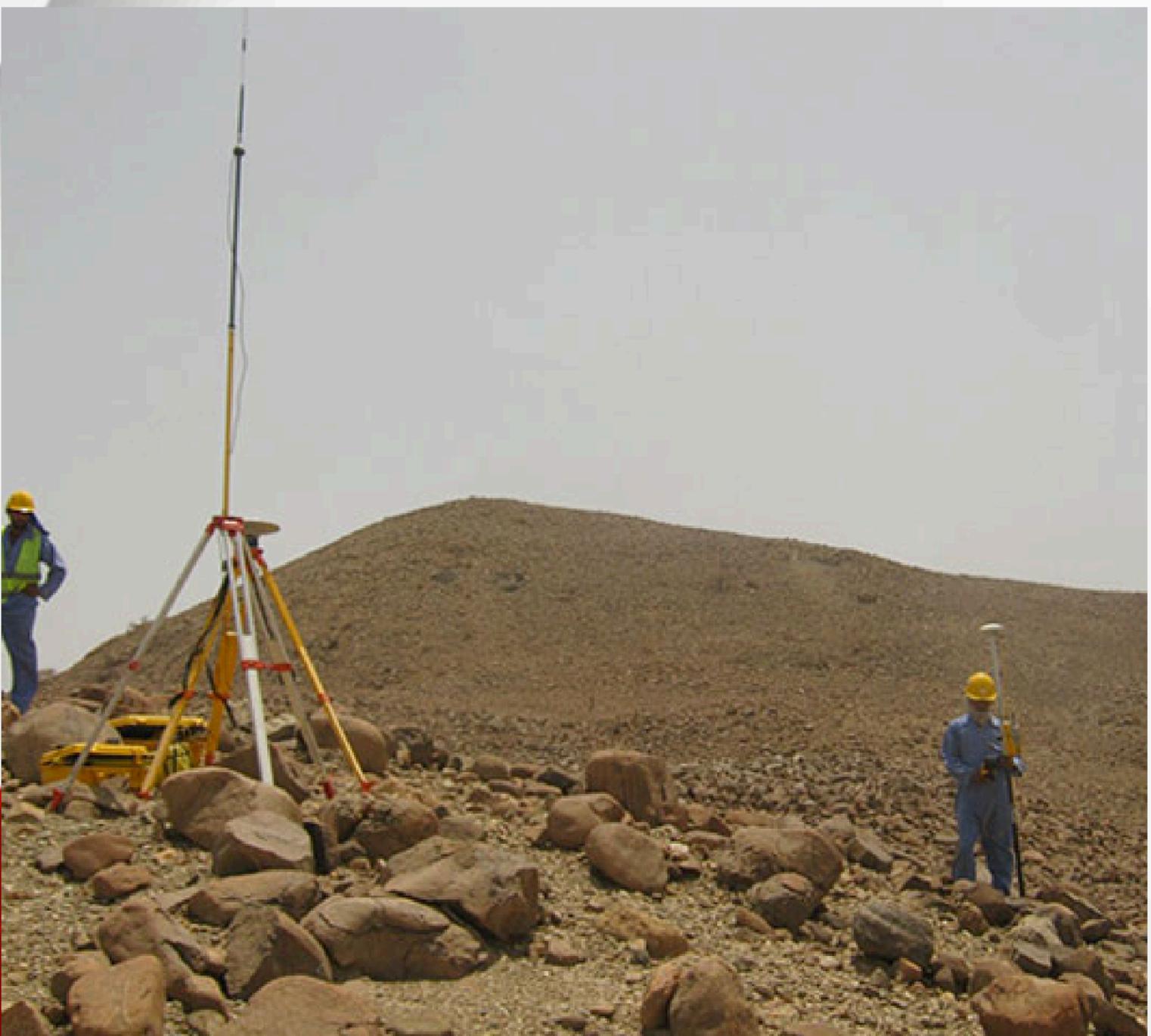
**UNDERSTANDING YOUR
LAND BOUNDARIES**

TOPOGRAPHIC SURVEY



The purpose of a topographic survey is to determine changes in elevation on a parcel of land, providing us with a wealth of information regarding the property. In many cases, a topographic survey is an essential step in planning land use, as not all areas are suited for all projects.

Adwaa Dalkut Team has an efficient team to conduct various topographic surveys to collect the terrain data. We often rely on our survey team to check the construction possibilities in a terrain/landscape. Our primary asset is a team of experienced surveyors and supporting staff. Our survey team has highly talented and experienced professionals with long back records in topographic, Utility, and Marine surveys.



CORE SERVICES OF SURVEYING



THE SURVEYING METHODS CONDUCTED BY ADWAA DALKUT INCLUDES THE FOLLOWING:

- 1. Hydrographic surveys for navigation**
- 2. Route surveys for cables and pipelines**
- 3. Underwater inspection.**
- 4. Pre and post-dredge surveys**
- 5. Pre and post-reclamation surveys**
- 6. Beach monitoring surveys**
- 7. Volume Calculations**
- 8. Topographical Surveys**
- 9. Pipeline and cable route survey ashore**
- 10. OGL Surveys**
- 11. Road Surveys**
- 12. Road Alignment and profile designing**
- 13. All types of Setting out and volume calculations**

TOPOGRAPHIC /UTILITY SURVEY EQUIPMENT:

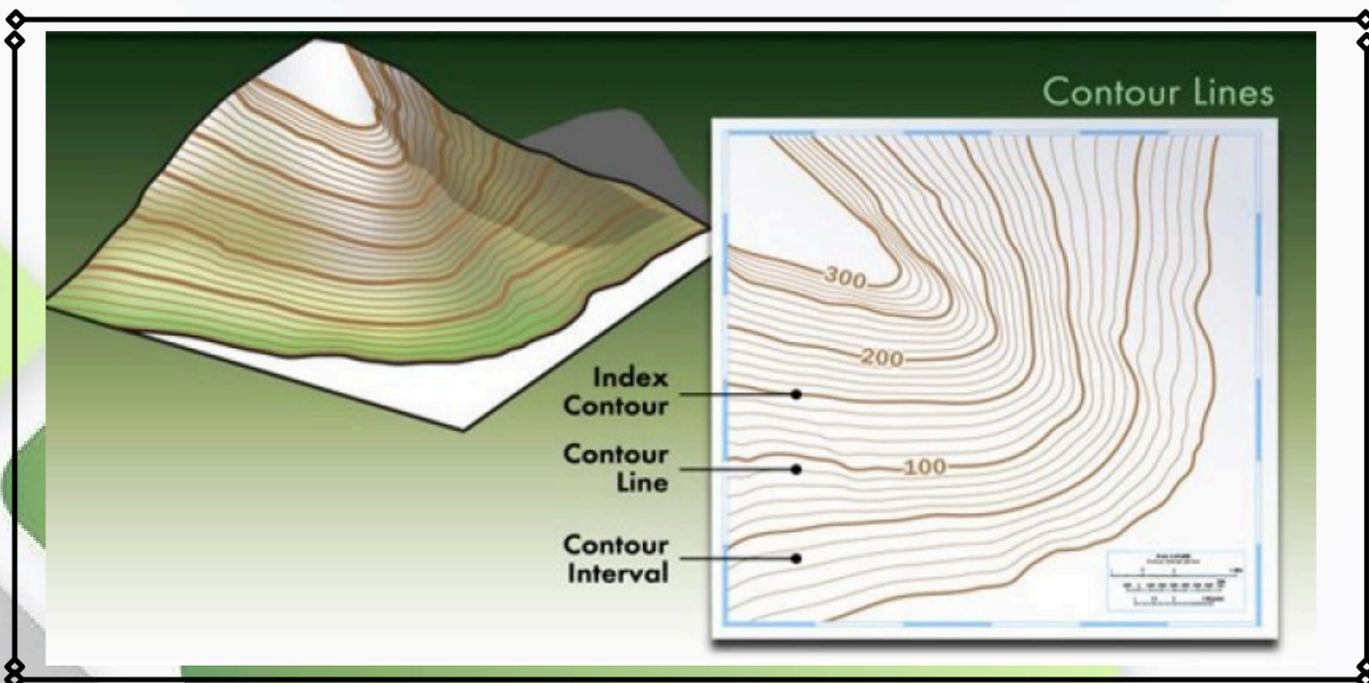
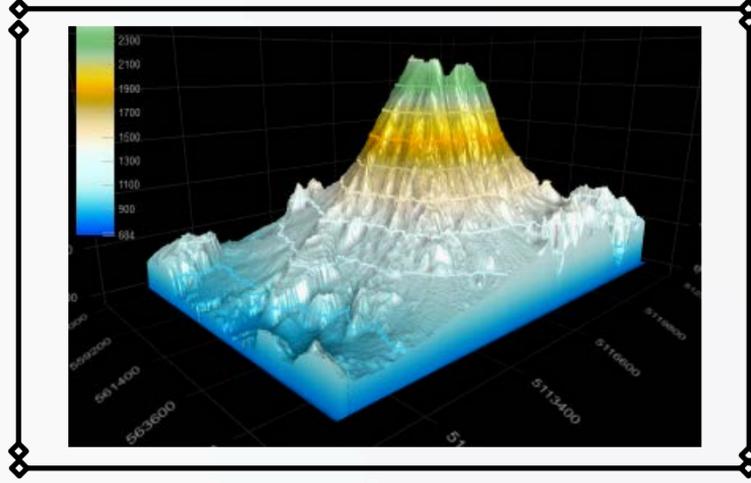
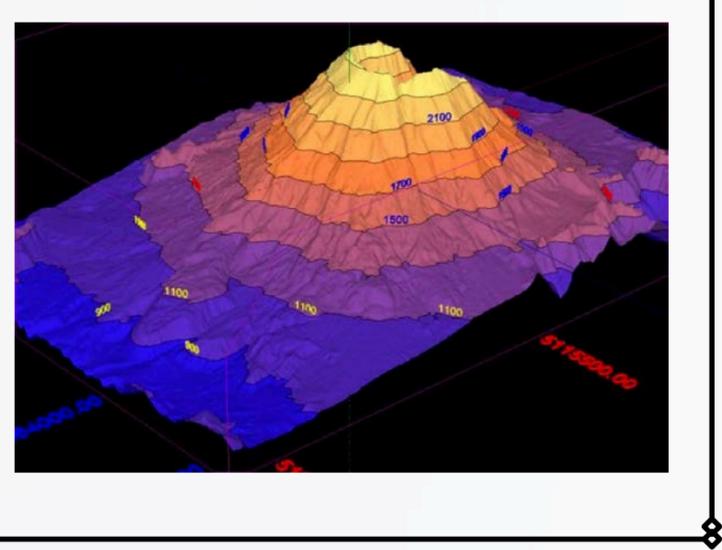
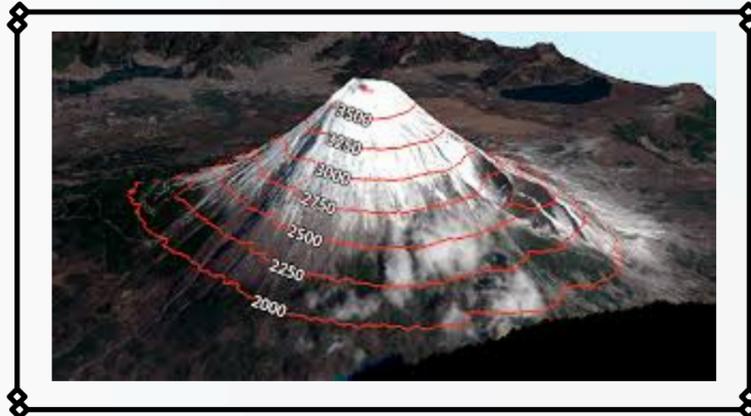
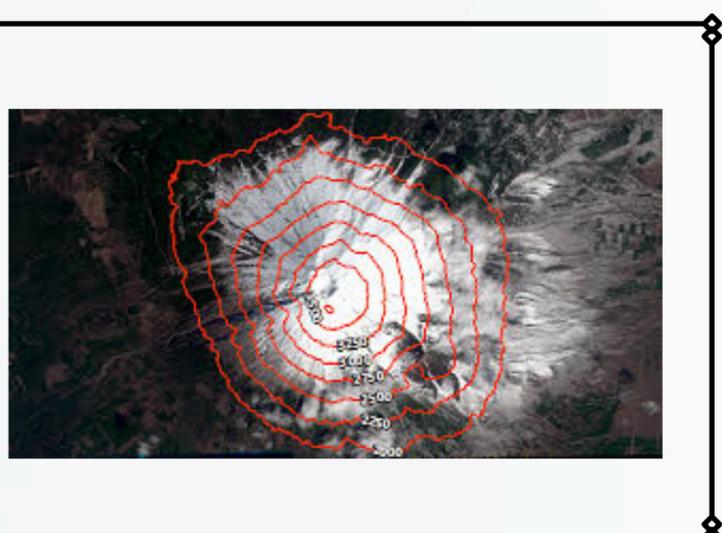
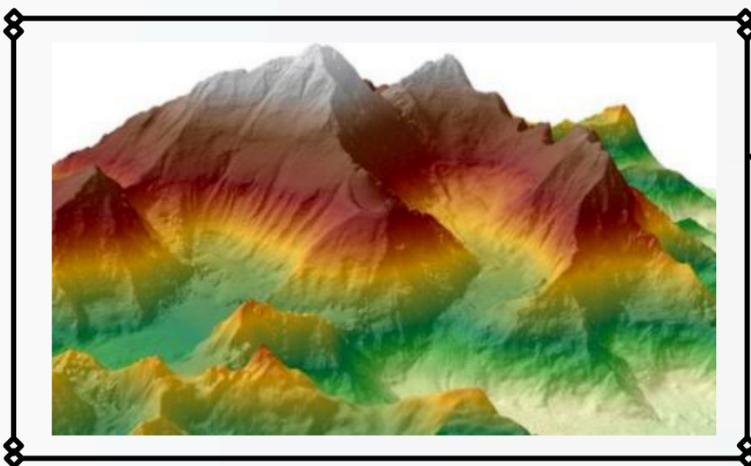
- 1. Trimble Dual Frequency GPS R4 with GLONASS upgrade**
- 2. Total Stations (Trimble, Topcon, Sokkia and Leica)**
- 3. Automatic Levels (Trimble, Sokkia, Leica)**

HYDROGRAPHIC SURVEY EQUIPMENT:

- 1. Trimble Dual Frequency GPS R5 with GLONASS upgrade**
- 2. Trimble Dual Frequency GPS R4 with GLONASS upgrade**
- 3. Odom Echo Track dual Channel Echo Sounder**
- 4. Heave compensator TSS HS50**
- 5. Gyro Compass**
- 6. Tide Gauge**
- 7. Survey vessels are on hiring for all the marine jobs**

MAPPING SYSTEM

We have an independent drafting section equipped with a range of plotters and computers with software, Auto CAD, Civil 3D, Auto desk, Terra Model, and Hydro-Pro. The company has automated our entire mapping system. These advanced software programs help to manage data, build base maps, calculate volumes, and serve as a check for re-computing field computations. These programs allow our company surveyors and hydrographers to quickly produce detailed and accurate drawings.



OUR OFFICE SPACE





THANK YOU

