



Innovative Consultancy Services across the Extractive Industry



COMPANY PROFILE





ABOUT

DHEJA ENGINEERING

DheJa Engineering Solutions is a private company based in Tanzania, founded in 2021 (Certificate of Incorporation No. 151560687) under the Companies Act of 2002. Our focus is on providing innovative and reliable solutions for the extractive industry. We are fully owned by Tanzanians and operate in compliance with the laws of the United Republic of Tanzania. Additionally, we are registered with the Tanzania Revenue Authority (TRA) and hold a Taxpayer Identification Number (TIN) of 151-560-687. Since our registration, DheJa has become the leading provider of geotechnical and engineering solutions for the mining and petroleum industries in Tanzania.

DheJa Engineering Solutions is specialized consulting firm committed to providing innovative, reliable, and high-quality geotechnical and engineering solutions to the extractive industry in Tanzania and beyond. With a team of highly skilled professionals and using state-of-the-art technology, we deliver customized solutions that drive efficiency and sustainability of your projects. Explore our services and discover how we can help you achieve your goals.



COMPANY

VISION, MISSION & CORE VALUES



Vision

We aspire to continually advance our services and expand our expertise to meet the evolving needs of the extractive industry.



Mission

To provide comprehensive and reliable mining and geotechnical solutions that address the specific needs of our clients through creative and innovative approaches.



Core Values

- **Integrity:** We conduct our business with the highest ethical standards and transparency.
- **Innovation:** We embrace cutting-edge technology and continuously seek to improve our services.
- **Commitment:** We are dedicated to supporting our clients and contributing to the success of the mining industry globally.
- **Safety:** Our engineering solutions prioritize safety at every stage, from planning and design to execution, ensuring that both people and the environment are safeguarded.



WHY CHOOSE US?



Local Expertise

As a Tanzanian-owned firm, we understand the unique challenges of the local extractive industry.



Innovative Solutions

We use state-of-the-art technology to deliver efficient and sustainable engineering solutions.



Client-Centric Approach

Our tailored services ensure your project's safety, compliance, and success.



OUR SERVICES

ENGINEERING SERVICES

- 1 Shaft sinking and Equiping
- 2 Tunnel development
- 3 Backfill Engineering
- 4 Mine planning and design services
- 5 Data acqusition services
- 6 Mine Geotechnical Engineering Services
- 7 Hydrology and Hydrogeological Assessment
- 8 Mine Waste (Tailings) Management
- 9 Environmental Impact and Social Assessment (EISA)
- 10 Mine closure Services
- 11 Mine construction support

EQUIPMENT HIRE AND SUPPLY

- 1 Shaft sinking and Drilling equipments and accessories
- 2 Load ,Haul and Hoist Equipments
- 3 Rock stabilization consumables
- 4 Ventilation fans and consumables
- 5 Exploration and sampling

COMMODITY TRADING

- 1 Mining commodities trading
- 2 Procurement and logistics coordination
- 3 Import and export facilitation



OUR SERVICES

Engineering services

1 Shaft Sinking



Mine headframe construction and winch installation and commissioning



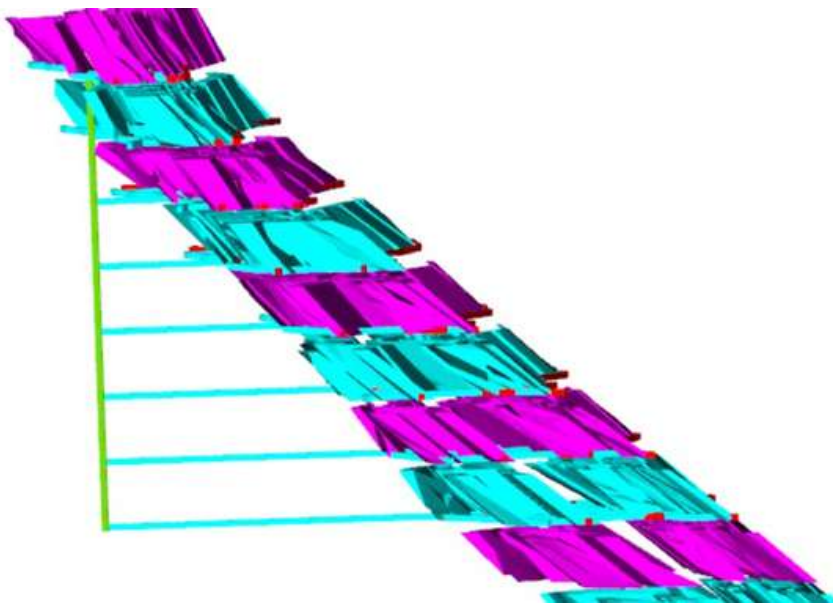
Headframe installation



OUR SERVICES

Engineering services

- 2 Tunnel Development**
- 3 Backfill Engineering**
- 4 Mine Planning and Design Services**



Mine planning and design



OUR SERVICES

Engineering services

5 Data Acquisition Services

- A. Core Logging and Analysis.
- B. Geophysical Logging.
- C. Borehole Data Acquisition by ATV and OTV Services.
- D. Downhole Testing (e.g. Standard Penetration Test (SPT), Cone Penetration Test (CPT), etc.).
- F. Piezometer Installation.

6 Mine Geotechnical Engineering Services

- A. Site Investigations.
- B. Geotechnical Modelling (Numerical Modeling, Risk Assessment, Design Optimization).
- C. Slope Stability Analysis.
- D. Ground Control and Support Design.
- E. Mine Design and Planning.
- F. Mine Feasibility Studies.



OUR SERVICES

Engineering services

7 Hydrology and Hydrogeological Assessment

- A. Groundwater Analysis (Site Characterization, Hydrogeological Modelling).
- B. Water Management (Water Treatment Balance Studies, Solutions).
- C. Risk Assessment.

8 Mine Waste (Tailings) Management

- A. Geotechnical assessment and select suitable sites for TSFs.
- B. Tailings Storage Facility (TSF) Design.
- C. Evaluate the geotechnical stability of the TSF.
Implement monitoring systems
- D. to track the stability and performance of TSFs and perform regular maintenance.



OUR SERVICES

Engineering services

9 Environmental Impact and Social Assessment (EISA)

10 Mine closure Services

- A. Closure Planning.
- B. Environmental Rehabilitation.
- C. Post-Closure Monitoring.

11 Mine construction support



OUR SERVICES

Commodity Trading

1 Mining Commodities Trading



2 Procurement and Logistics Coordination



OUR SERVICES

Commodity Trading

3 Import and Export Facilitation





OUR SERVICES

Equipment Hire and Supply

1 Drilling equipments and accessories



Rock drill



Pneumatic anchor cable tensing machine



Hydraulic anchor cable tensing machine



Hydraulic rock drill



Bits



Rock breaker



OUR SERVICES

Equipment Hire and Supply

1 Drilling equipments and accessories



Scraper winch



Shaft winch



Double speed winch



Dumper winch



Cable pulling winch



Mine winch



Transport winch



Dumper winch



OUR SERVICES

Equipment Hire and Supply

2

Load ,Haul and Hoist Equipments



Bucket tipping mine car



Bottom discharge mine car



Side discharge mine car



Flat car



Material car



Mucking machine



Electrical rock loader



Scraper conveyor



OUR SERVICES

Equipment Hire and Supply

2

Load ,Haul and Hoist Equipments



Electrical mine car stopper



Pneumatic mine car stopper



Manual mine car stopper



Steel wire rope



Roller cage



Head sheave



OUR SERVICES

Equipment Hire and Supply

3 Rock stabilization consumables



Pumping station



Miner steel bracket



Single section beam



Standard semi circular arch bracket



Single hydraulic prods



Wire mesh



Steel straps



OUR SERVICES

Equipment Hire and Supply

4 Ventilation fans and consumables



Temperature sensor



Blasting alarm



Multi gas detector



Self rescue



Auxiliary fan



Flexible fan



Spiral fan



OUR SERVICES

Equipment Hire and Supply

5 Exploration and sampling



Rail



Rail accessories



Mine lamp cap



Mine lamp



Mine lamp charging rack



Core trays



Rescue Tripod



Jack pot pump



Jack pot

GET IN TOUCH



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